



TRILO Zuigwagen S4

Model

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S/N

P.Order

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Date

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Client



Illustrated Parts List

Geïllustreerde onderdelenlijst

Bebilderte Ersatzteilliste

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SECTIE I - zonder keuze**AC.69-2401 Hydrauliek KIPPEN+MECH BM****SECTIE II - Lijst met Opties****1 Configurator S4****AC.69-0002 Handmatig configureren**

069.0502	Kipbak S4	
069.0401	Steunpoot	
069.1801	Pomphuis met inspectieluik	
	069.1801.05 Verstelbare afdichting L+R	
	069.1801.06 Verstelbare hoekafdichting	
069.5000	Stickerset S4 Universeel	
069.0103	Hoofdframe compleet	

AC.69-0003 Configureren per toepassingsgebied

069.0502	Kipbak S4	
069.0401	Steunpoot	
069.1801	Pomphuis met inspectieluik	
	069.1801.05 Verstelbare afdichting L+R	
	069.1801.06 Verstelbare hoekafdichting	
069.5000	Stickerset S4 Universeel	
069.0103	Hoofdframe compleet	

2 Toepassingsgebied**AC.69-0010 Bladruimen****AC.69-0011 Sportveldonderhoud****AC.69-0013 Bermonderhoud****AC.69-0012 Golfbaanonderhoud****AC.69-0015 Graszodenindustire****AC.69-0014 Luchthaven gras management****AC.69-0016 Evenementen- en Afvalverwerking****AC.69-0018 Landschapsbeheer****AC.69-0019 Draf- en renbanen****AC.69-0017 Toepassing niet gespecificeerd**

3 Regio

AC.69-9900 Overige

AC.69-9901 Europa

AC.69-9902 Noord-Amerika

4 Toelatingsgeschiktheid

AC.69-9905 Non-road use Europa ongeschikt voor wegverkeer (tenzij...)

AC.69-9906 Geschikt voor wegverkeer conform EU 167/2013 - 40 km/h

069.1005	Veiligheidsbeugels
063.4501	Steun L.R.V Driehoek.....
069.7003	Randafwerking Container S4
069.7002	Afscherming S4 aandrijving.....

AC.69-9910 Non-road use Noord-Amerika ongeschikt voor wegverkeer

AC.69-9911 Geschikt voor wegverkeer Noord-Amerika *)

AC.69-9912 Onbekend

AC.69-9907 Geschikt voor wegverkeer DE volgens StVZO 40 km/h

069.5000.20	40km/h uitvoering sticker.....
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AC.69-9908 Geschikt voor wegverkeer NL Bijlage IV Regeling - 40 km/h

069.1005	Veiligheidsbeugels
063.4501	Steun L.R.V Driehoek.....
069.7003	Randafwerking Container S4
069.7002	Afscherming S4 aandrijving.....

AC.69-9909 Geschikt voor wegverkeer GB Road Vehicle C&U Reg. 40 km/h

063.4501	Steun L.R.V Driehoek.....
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AC.69-0110 Ongeremde uitvoering (25 km/h) Niet geschikt voor wegverkeer

5 Onderstel en Banden

AC.69-0220 Enkelas - 25 km/h 500/50R17 Ongeremd

069.0203	Wielas compleet ongeremd 500/50.....
55.W500-50R17	Wiel 500/50R17 Continental MPT ET0 6/161/205 - 40km/h..

AC.69-0221 Enkelas - 40 km/h - 500/50R17 een-leiding hydr. geremd

069.0212	Wielas compleet Hydr. rem 500/50 - 70x1300 300x60
55.W500-50R17	Wiel 500/50R17 Continental MPT ET0 6/161/205 - 40km/h..
069.2411	Hydrauliek Remsysteem

AC.69-0222 Enkelas - 40 km/h 500/50R17 Oplooprem

069.0211	Wielas compleet oplooprem 500/50 - 70x1300 Backmatic
069.0253	Remkabelset Oplooprem S4

AC.69-0225 Enkelas - 40 km/h - 500/50R17 Luchtrem

069.0212	Wielas compleet Hydr. rem 500/50 - 70x1300 300x60
	55.W500-50R17 Wiel 500/50R17 Continental MPT ET0 6/161/205 - 40km/h..
069.2411	Hydrauliek Remsysteem

AC.69-0226 Enkelas - 30 km/h - 500/50R17 Luchtrem

069.0212	Wielas compleet Hydr. rem 500/50 - 70x1300 300x60
069.2411	Hydrauliek Remsysteem

6 Dissel**AC.69-0300 Ondertrekhaak Mechanisch hoogte verstelbaar**

069.0304	Ondertrekhaak mech. verstelbaar
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AC.69-0301 Ondertrekhaak Hydraulisch hoogte verstelbaar

069.0312	Ondertrekhaak hydr. verstelbaar
055.0204	CAT2 Verstelling [hydr] Topstang

AC.69-0302 Bovenrekhaak Mechanisch hoogte verstelbaar

069.0306	Bovenrekhaak mech. verstelbaar
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AC.69-0305 Bovenrekhaak, mech verstelb. Oplooprem

055.0319	CAT3 Trekhaak [AVE2000] S4
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7 Trekkoppeling**AC.69-0400 Kogelkop 80mm ISO 24347**

055.1300	Trekbolkoppeling 80mm ISO 24347
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AC.69-0401 Draaihoog 40mm (Max 10 ton)

055.1307	Trekoog [Draaihoog 40mm] 10 Ton
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AC.69-0402 Draaihoog 50mm tbv Piton-fix (Max 10 Ton)

055.1304	Trekoog [Draaihoog 50mm] 10 ton
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AC.69-0403 Vast DIN Oog 40mm verzwaaard DIN 74054-40A (2500kg-40km/h)

055.1301	Trekoog vast [40mm DIN] Verzwaaard 40 km/h
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AC.69-0404 Vast DIN Oog 50mm Hitchring DIN 9678 / ISO 20019

055.1303	Trekoog vast [50mm DIN] hitchring - PITON FIX
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AC.69-0406 Vast DIN Oog 40mm 100mm offset DIN 74054-40A

055.1305 Trekoog vast (40mm DIN) L-vorm met offset 100

AC.69-0407 Gaffel USA 33mm ISO 6489-3, Cat 1 & 2

055.1315 Gaffel USA (33mm) Cat 1 & 2 ISO 6489-3.....

AC.69-0399 Vast DIN Oog 40mm Oplooprem DIN 74054-40A (1000kg-40km/h)

8 Parkeer- & Losbreekrem

AC.69-0249 Losbreekrem icm Hydraulisch geremde Wielas

069.0250 Hydraulisch Noodremventiel (Zwitserland).....

069.2430 Hydraulisch Remsysteem CH

055.0324 Parkeerrem aan trekhaak S4

AC.69-0250 Parkeerrem + Noodrem via Oplooprem

AC.69-0251 Parkeerrem + Noodrem (enkelas)

AC.69-0255 Parkeerrem + Noodrem via Luchtrem

AC.69-0253 Zonder Parkeerrem + Noodrem

AC.69-0254 Losbreekketting

056.0350 Sleepketting USA

9 Borstelmond

AC.69-0450 Zuigmond zonder borstel (enkel afzuiging)

069.1201 Kettinghef

069.2401 Hydraulisch schema S4 Mechanische Aandrijving.....

AC.69-0451 Mechanische Borstelmond (maaïen, borstelen, verticut)

069.1201 Kettinghef

069.2401 Hydraulisch schema S4 Mechanische Aandrijving.....

AC.69-0454 Hydraulische Borstelmond Nevenhydrauliek (borstelen)

069.1201 Kettinghef

069.2403 Hydraulisch schema S4 BM hydr. aangedreven

056.1004 Aandrijving Borstelmond Hydraulisch, Systeem A,B,C

056.1004.04 Hydr. aandrijving borstelrotor Systeem A,B,C

056.1006.29 Spanner cml met draadeind.....

AC.69-0459 Geen Borstelmond

069.2402 Hydraulisch schema S4 enkel Kippen.....

AC.69-0455 Hydraulische Borstelmond Vermogenshydrauliek (Maaïen)

069.1201 Kettinghef

069.2401 Hydraulisch schema S4 Mechanische Aandrijving.....

10 Werkbreedte Borstelmond**AC.69-0700 Zuigmond 1.80m zonder aandrijving**

056.1031	Borstelmond 1.80m (basis)	
056.1011	Pendelstuk, as 20 S8-S20	
056.1031.19	Neusstuk 1.80m	
056.1006.42	Verstelling klapneus compl.	
056.1031.33	Inzetstuk Borstelmond 1.80m	

AC.69-0701 Zuigmond 2.10m zonder aandrijving

056.1041	Borstelmond 2.10m (basis)	
056.1011	Pendelstuk, as 20 S8-S20	
056.1041.19	Neusstuk 2.10m	
056.1041.33	Inzetstuk Borstelmond 2.10m	

AC.69-0702 Zuigmond 2.40m zonder aandrijving

056.1051	Borstelmond 2.40m (basis)	
056.1011	Pendelstuk, as 20 S8-S20	
056.1051.19	Neusstuk 2.40m	
056.1006.42	Verstelling klapneus compl.	
056.1051.33	Inzetstuk Borstelmond 2.40m	

AC.69-0710 Borstelmond 1.80m dmv Nevenhydrauliek

056.1031	Borstelmond 1.80m (basis)	
056.1011	Pendelstuk, as 20 S8-S20	
056.1031.19	Neusstuk 1.80m	

AC.69-0711 Borstelmond 2.10m dmv Nevenhydrauliek

056.1041	Borstelmond 2.10m (basis)	
056.1011	Pendelstuk, as 20 S8-S20	
056.1041.19	Neusstuk 2.10m	
056.1006.42	Verstelling klapneus compl.	

AC.69-0712 Borstelmond 2.40m dmv Nevenhydrauliek

056.1051	Borstelmond 2.40m (basis)	
056.1011	Pendelstuk, as 20 S8-S20	
056.1051.19	Neusstuk 2.40m	

AC.69-0720 Borstelmond 1.80m Mechanisch aangedreven

056.1031	Borstelmond 1.80m (basis)	
056.1011	Pendelstuk, as 20 S8-S20	
056.1031.19	Neusstuk 1.80m	
056.1006.42	Verstelling klapneus compl.	
IN.01-030110	Aftakas W2200-710 Met 1xGaffel Ø30 1xØ1 3/8"	

AC.69-0721 Borstelmond 2.10m Mechanisch aangedreven

056.1041	Borstelmond 2.10m (basis)	
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056.1011	Pendelstuk, as 20 S8-S20
056.1041.19	Neusstuk 2.10m
IN.01-030110	Aftakas W2200-710 Met 1xGaffel Ø30 1xØ1 3/8"

AC.69-0722 Borstelmond 2.40m Mechanisch aangedreven

056.1051	Borstelmond 2.40m (basis)
056.1011	Pendelstuk, as 20 S8-S20
056.1051.19	Neusstuk 2.40m
056.1006.42	Verstelling klapneus compl.
IN.01-030110	Aftakas W2200-710 Met 1xGaffel Ø30 1xØ1 3/8"

AC.69-0730 Borstelmond 1.80m dmv Vermogenshydrauliek

056.1031	Borstelmond 1.80m (basis)
056.1011	Pendelstuk, as 20 S8-S20
056.1031.19	Neusstuk 1.80m
IN.01-030110	Aftakas W2200-710 Met 1xGaffel Ø30 1xØ1 3/8"

AC.69-0731 Borstelmond 2.10m dmv Vermogenshydrauliek

056.1041	Borstelmond 2.10m (basis)
056.1011	Pendelstuk, as 20 S8-S20
056.1041.19	Neusstuk 2.10m
056.1006.42	Verstelling klapneus compl.
IN.01-030110	Aftakas W2200-710 Met 1xGaffel Ø30 1xØ1 3/8"

AC.69-0732 Borstelmond 2.40m dmv Vermogenshydrauliek

056.1051	Borstelmond 2.40m (basis)
056.1011	Pendelstuk, as 20 S8-S20
056.1051.19	Neusstuk 2.40m
IN.01-030110	Aftakas W2200-710 Met 1xGaffel Ø30 1xØ1 3/8"

AC.69-0740 Geen Borstelmond**11 Borstelas****AC.69-0800 Geen borstelrotor****AC.69-0801 Borstelrotor 1.80m mech.**

056.3130	Borstelas 1.80m compl. mech.
056.3200.06	Clip-on compleet L=R

AC.69-0805 Borstelrotor 1.80m hydr.

056.3132	Borstelas 1.80m compl. hydr.
056.3200.06	Clip-on compleet L=R

AC.69-0802 Borstelrotor 2.10m mech.

056.3140	Borstelas 2.10m compl. mech.
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056.3200.06 Clip-on compleet L=R

AC.69-0806 Borstelrotor 2.10m hydr.

056.3142 Borstelas 2.10m compl. hydr.....

056.3200.06 Clip-on compleet L=R

AC.69-0803 Borstelrotor 2.40m mech.

056.3150 Borstelas 2.40m compl. mech.....

056.3200.06 Clip-on compleet L=R

AC.69-0807 Borstelrotor 2.40m hydr.

056.3152 Borstelas 2.40m compl. hydr.....

056.3200.06 Clip-on compleet L=R

AC.69-0810 Rubber flappenrotor 1.80m mech.

056.3730 Flappenborstel 1.80m compl. mech.

056.3200.06 Clip-on compleet L=R

AC.69-0815 Rubber flappenrotor 1.80m hydr.

056.3732 Flappenborstel 1.80m compl. hydr.....

056.3200.06 Clip-on compleet L=R

AC.69-0811 Rubber flappenrotor 2.10m mech.

056.3740 Flappenborstel 2.10m compl. mech.

056.3200.06 Clip-on compleet L=R

AC.69-0816 Rubber flappenrotor 2.10m hydr.

056.3742 Flappenborstel 2.10m compl. hydr.....

056.3200.06 Clip-on compleet L=R

12 Maaias

AC.69-0820 Back-to-Back maaier 1.80m Type A (Gazonmaaier)

056.3230 Rotor 1.80m (basis).....

056.3200.06 Clip-on compleet L=R

056.3200.02 Back-to-back mes SET: incl bout, bus en moer

AC.69-0821 Back-to-Back maaier 2.10m Type A (Gazonmaaier)

056.3240 Rotor 2.10m (basis).....

056.3200.02 Back-to-back mes SET: incl bout, bus en moer

AC.69-0822 Back-to-Back maaier 2.40m Type A (Gazonmaaier)

056.3250 Rotor 2.40m (basis).....

056.3200.02 Back-to-back mes SET: incl bout, bus en moer

AC.69-0824 Twisted Flail maaier 1.80m Type A (Gazonmaaier)

056.3230 Rotor 1.80m (basis).....	
056.3200.01 Twisted Flail mes SET: incl bout, bus en moer	

AC.69-0825 Twisted Flail maaier 2.10m Type A (Gazonmaaier)

056.3240 Rotor 2.10m (basis).....	
056.3200.01 Twisted Flail mes SET: incl bout, bus en moer	

AC.69-0826 Twisted Flail maaier 2.40m Type A (Gazonmaaier)

056.3250 Rotor 2.40m (basis).....	
056.3200.01 Twisted Flail mes SET: incl bout, bus en moer	

AC.69-0830 Back-to-Back maaier 1.80m Type B (Ruwterreinmaaier)

056.3530 Rotor 1.80m Y-mes Zwaar	
056.3300.05 HD Clip-on compleet L=R.....	
056.3535.12 Set Back-to-back messen 32x (2.00m)	

AC.69-0831 Back-to-Back maaier 2.10m Type B (Ruwterreinmaaier)

056.3540 Rotor 2.10m Y-mes Zwaar	
056.3540.12 Set Back-to-back messen 36x (2.10m)	

AC.69-0832 klepelmaaier 1.80m Type B (Ruwterreinmaaier)

056.3630 Rotor 1.80m Vlakke Klepelmessen	
056.3300.05 HD Clip-on compleet L=R.....	
056.3600.01 Klepelmes Plat 75x12mm SET: incl bout en moer	

AC.69-0833 klepelmaaier 2.10m Type B (Ruwterreinmaaier)

056.3640 Rotor 2.10m Vlakke Klepelmessen	
056.3600.01 Klepelmes Plat 75x12mm SET: incl bout en moer	

AC.69-0840 Geen maairotor**13 Verticuteerrtor****AC.69-0827 Verticuteer 1.80m Type A (Gazon)**

056.3230 Rotor 1.80m (basis).....	
056.3200.06 Clip-on compleet L=R.....	
056.3200.03 Verticuteermes SET: incl bout, bus en moer.....	

AC.69-0834 Verticuteer 1.80m TUNGSTEN TIP Type A (Gazon)

056.3230 Rotor 1.80m (basis).....	
056.3200.09 Verticuteermes TUNGSTEN SET: incl bout, bus en moer	

AC.69-0828 Verticuteer 2.10m Type A (Gazon)

056.3240 Rotor 2.10m (basis).....	
056.3200.06 Clip-on compleet L=R	
056.3200.03 Verticuteermes SET: incl bout, bus en moer.....	

AC.69-0829 Verticuteer 2.40m Type A (Gazon)

056.3250 Rotor 2.40m (basis).....
056.3200.03 Verticuteermes SET: incl bout, bus en moer.....

AC.69-0841 Geen Verticuteerroter**14 Frontafscherming Klepelmaaier****AC.69-0920 Frontafscherming Klepelbak (1.80m)**

069.9810 Frontafscherming 1.80m S4.....
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AC.69-0921 Frontafscherming Klepelbak (2.10m)

069.9820 Frontafscherming 2.10m S4.....
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AC.69-0922 Geen Frontafscherming**15 Tastwielen****AC.69-0900 2x Gazonbanden 11x7.00 achter, luchtband**

056.1006.05 Gazonwielen 11x7.00 achter, STD.....
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AC.69-0901 2x Gazonbanden 11x7.00 Achter, Foam gevuld

056.1006.06 Gazonwielen 11x7.00 achter, FOAM FILLED
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AC.69-0902 2x Gazonbanden 18x9.50 Slicks achter, luchtband

056.1029 Gazonwielen 18x9.50 Achter, luchtgevuld
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AC.69-0903 2x Gazonbanden 18x9.50 Slicks achter, foam gevuld

056.1028 Gazonwielen 18x9.50 Achter, foam filled
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AC.69-0909 Geen Loopwielen**16 Looprol****AC.69-0910 8" Looprol 1.80m**

069.1122 looprol 1.80m laag.....
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AC.69-0911 8" Looprol 1.80m Extra Maaihoogte

069.1123 Looprol 1.80m hoog
069.0105 Vulblok wielas h=100mm

AC.69-0912 8" Looprol 2.10m

069.1122.02 looprol 2.10m laag.....
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AC.69-0914 8" Looprol 2.40m

069.1122.03 looprol 2.40m laag.....
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AC.69-0915 8" Looprol 2.40m Extra Maaihoogte

069.1123.03	Looprol 2.40m hoog
069.0105	Vulblok wielas h=100mm

AC.69-0916 Geen Looprol**17 Wisselset****AC.69-0950 Wisselset (1 stuks)**

056.1099	Wisselset S8-20
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AC.69-0951 Wisselset (2 stuks)

056.1099	Wisselset S8-20
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AC.69-0944 Wisselset (1 stuks)

056.1099	Wisselset S8-20
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AC.69-0945 Wisselset (2 stuks)

056.1099	Wisselset S8-20
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AC.69-0946 Wisselset (1 stuks)

056.1099	Wisselset S8-20
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AC.69-0947 Wisselset (2 stuks)

056.1099	Wisselset S8-20
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AC.69-0948 Wisselset (1 stuks)

056.1099	Wisselset S8-20
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AC.69-0949 Wisselset (2 stuks)

056.1099	Wisselset S8-20
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AC.69-0953 Wisselset (3 stuks)

056.1099	Wisselset S8-20
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AC.69-0952 Geen Wisselset**18 In te bouwen werkas****AC.69-0957 Niet van toepassing****AC.69-0954 Maairotor in zuigmond, overige los meeleveren****AC.69-0955 Borstelrotor in zuigmond, overige los meeleveren****AC.69-0956 Verticuteerrotor in zuigmond, overige los meeleveren****19 Gereedschapkoffer**

AC.69-5000 Gereedschapskist 37x16x16cm (Leeg)

069.9801 Gereedschapskist S4 (leeg).....

AC.69-5001 Gereedschapskist 37x16x16cm + Vetspuit, 14-delige Sleutelset

069.9800 Gereedschapset+vetspuit S4 Metrisch/klein onderhoud.....

AC.69-5002 Zonder gereedschapskist**20 Handloopslang****AC.69-1000 Handloopslang 250mm direct op klepkast**

069.1411 Werkarm handloopslang S4.....

069.1412 Loopslang 250mm (Kit).....

069.1410.11 Zuigbuis 250mm Compleet ballonwiel + handgreep.....

069.1410.15 Zuigbuis 250mm + Stootrand.....

AC.69-1005 Geen Handloopslang**21 Extra Slangaansluiting****AC.69-1010 Aansluiting 250mm**

069.1414 Slangadapter 250mm.....

AC.69-1011 Aansluiting 300mm

069.1413 Slangadapter 300mm.....

AC.69-1009 Geen slang aansluiting**AC.69-1008 Geen slang aansluiting****22 Zuigkast****AC.69-1020 Graskast**

069.2102 Graskast S4.....

AC.69-1021 Klepkast

069.2103 Klepkast compleet.....

AC.69-1022 Klepkast met blindplaat

069.2103 Klepkast compleet.....

23 Gootborstel**AC.69-3500 Gootborstel Links**

069.0801 Gootborstel S4 Links (icm mech BM).....

00.35-0100 Gootborstel Universeel.....

00.40-2456	Hydrauliek Bouwgroep 5 Gootborstel (separaat)
35.01150	Cilinder Gootborstel D20-30-75/266

AC.69-3501 Gootborstel Rechts

069.0800	Gootborstel S4 Rechts
00.35-0100	Gootborstel Universeel
00.40-2456	Hydrauliek Bouwgroep 5 Gootborstel (separaat)
35.01150	Cilinder Gootborstel D20-30-75/266

AC.69-3509 Geen Gootborstel**24 Aandrijving****AC.69-0500 Ingaand toerental 540 omw/min**

069.1603	Ingaande as 540 RPM
069.1711	beschermkap voorzijde

AC.69-0501 Ingaand toerental 540 omw/min + borstelaandrijving [400 rpm]

069.1604	Ingaande as 540 RPM icm nevenaandrijving
069.1711	beschermkap voorzijde
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3002	Haakse overbrenging Compleet 400 rpm [Borstelen]
056.1006.30	Spanner compl

AC.69-0504 Ingaand toerental 540 omw/min + HD maaiaandrijv. [1650 rpm]

069.1604	Ingaande as 540 RPM icm nevenaandrijving
069.1711	beschermkap voorzijde
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3001	Haakse overbrenging compleet 1660 rpm (HD maaien)
056.1006.30	Spanner compl

AC.69-0502 Ingaand toerental 540 omw/min + maaiaandrijving [2000 rpm]

069.1604	Ingaande as 540 RPM icm nevenaandrijving
069.1711	beschermkap voorzijde
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving

069.3000	Haakse overbrenging compleet 2000 rpm (maaien/verticut).....
056.1006.30	Spanner compl.....

AC.69-0515 Ingaand toerental 540 omw/min + vert.aandrijving [2000 rpm]

069.1604	Ingaande as 540 RPM icm nevenaandrijving.....
069.1711	beschermkap voorzijde.....
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3000	Haakse overbrenging compleet 2000 rpm (maaien/verticut).....
056.1006.30	Spanner compl.....

AC.69-0503 Ingaand toerental 540 omw/min + borstel- & maaiaandrijving

069.1604	Ingaande as 540 RPM icm nevenaandrijving.....
069.1711	beschermkap voorzijde.....
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3003	Aandrijflijn Borstel & Maaien
056.1006.30	Spanner compl.....

AC.69-0517 Ingaand toerental 540 omw/min + borstel- & vert.aandrijving

069.1604	Ingaande as 540 RPM icm nevenaandrijving.....
069.1711	beschermkap voorzijde.....
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3003	Aandrijflijn Borstel & Maaien
056.1006.30	Spanner compl.....

AC.69-0513 Ingaand toerental 540 omw/min + borstelen & HD-maaien

069.1604	Ingaande as 540 RPM icm nevenaandrijving.....
069.1711	beschermkap voorzijde.....
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3003	Aandrijflijn Borstel & Maaien
056.1006.30	Spanner compl.....

AC.69-0505 Ingaand toerental 1000 omw/min

069.1605	Ingaande as 1000 RPM.....	
069.1711	beschermpak voorzijde.....	

AC.69-0506 Ingaand toerental 1000 omw/min + borstelaandrijving [400 rpm]

069.1606	Ingaande as 1000 RPM icm nevenaandrijving.....	
069.1711	beschermpak voorzijde.....	
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving	
069.3240.20	Spanner S4 Aandrijving zuigmond	
069.3300.06	Spanveer frontaandrijving	
069.3300.02	Beschermpak Nevenaandrijving	
069.3002	Haakse overbrenging Compleet 400 rpm [Borstelen]	
056.1006.30	Spanner compl.....	

AC.69-0512 Ingaand toerental 1000 omw/min +HD maaiaandrijv. [1650 rpm]

069.1606	Ingaande as 1000 RPM icm nevenaandrijving.....	
069.1711	beschermpak voorzijde.....	
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving	
069.3240.20	Spanner S4 Aandrijving zuigmond	
069.3300.06	Spanveer frontaandrijving	
069.3300.02	Beschermpak Nevenaandrijving	
069.3001	Haakse overbrenging compleet 1660 rpm (HD maaien).....	
056.1006.30	Spanner compl.....	

AC.69-0507 Ingaand toerental 1000 omw/min + maaiaandrijving [2000 rpm]

069.1606	Ingaande as 1000 RPM icm nevenaandrijving.....	
069.1711	beschermpak voorzijde.....	
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving	
069.3240.20	Spanner S4 Aandrijving zuigmond	
069.3300.06	Spanveer frontaandrijving	
069.3300.02	Beschermpak Nevenaandrijving	
069.3000	Haakse overbrenging compleet 2000 rpm (maaien/verticut).....	
056.1006.30	Spanner compl.....	

AC.69-0516 Ingaand toerental 1000 omw/min + vert.aandrijving [2000 rpm]

069.1606	Ingaande as 1000 RPM icm nevenaandrijving.....	
069.1711	beschermpak voorzijde.....	
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving	
069.3240.20	Spanner S4 Aandrijving zuigmond	
069.3300.06	Spanveer frontaandrijving	
069.3300.02	Beschermpak Nevenaandrijving	
069.3000	Haakse overbrenging compleet 2000 rpm (maaien/verticut).....	
056.1006.30	Spanner compl.....	

AC.69-0508 Ingaand toerental 1000 omw/min + borstel- & maaiaandrijving

069.1606	Ingaande as 1000 RPM icm nevenaandrijving
069.1711	beschermkap voorzijde
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3003	Aandrijflijn Borstel & Maaien
056.1006.30	Spanner compl.....

AC.69-0514 Ingaand toerental 1000 omw/min + borstelen & HD-maaien

069.1606	Ingaande as 1000 RPM icm nevenaandrijving
069.1711	beschermkap voorzijde
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3003	Aandrijflijn Borstel & Maaien
056.1006.30	Spanner compl.....

AC.69-0516 Ingaand toerental 1000 omw/min + vert.aandrijving [2000 rpm]

069.1606	Ingaande as 1000 RPM icm nevenaandrijving
069.1711	beschermkap voorzijde
069.3300	Nevenaandrijving borstelmond icm PTO aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3300.02	Beschermkap Nevenaandrijving
069.3000	Haakse overbrenging compleet 2000 rpm (maaien/verticut).....
056.1006.30	Spanner compl.....

AC.69-0509 Hydraulisch aangedreven 125 l/min - 180 bar

069.1610	ingaaende As hydr. icm Nevenaandrijving
069.1610.20	Beschermkap voorkant Assy
069.3201	Nevenaandrijving borstelmond icm Hydraulische aandrijving
069.3240.20	Spanner S4 Aandrijving zuigmond
069.3300.06	Spanveer frontaandrijving
069.3201.01	Beschermkappen Nevenaandr. Hydraulisch
069.2405	Hydraulisch schema Turbine.....

25 Waaier**AC.69-0526 4-Blads waaier - glad**

069.1502	Waaieras compleet S4 1540 omw/min.....
069.1502.08	Waaieras voorgemonteerd S4 1540 omw/min.....

AC.69-0527 5-Blads waaier - opgelast

- 069.1506 Waaieras compleet 5-blads S4 Opgelast 1540 omw/min.....
069.1502.08 Waaieras voorgemonteerd S4 1540 omw/min.....

26 Slijtset**AC.69-0520 Slijtset 3mm (Standaard)**

- 069.2003 Voeringset Pomphuis 3mm Basis

AC.69-0521 Slijtset 3mm (Rondom)

- 069.2004 Voeringset Pomphuis 3mm RONDOM.....

AC.69-0522 Slijtset 5mm (Rondom)

- 069.2005 Voeringset Pomphuis 5mm RONDOM.....

27 Filtersysteem**AC.69-0550 Roosterdak 10x10mm****AC.69-0551 Topnet****28 Topzeil****AC.69-0553 Stofkap S4****AC.69-0554 Geen Stofkap****29 Voertuigverlichting****AC.69-4500 Voertuigverlichting LED (EU) ISO 1724 Steker (1.80m Breed)**

- 069.4490 Lichtbak S4 tot 2.10m stekker iso 1174
- 069.7000 Front- en zijreflectors EU 2015/208.....

AC.69-4501 Voertuigverlichting LED (EU) ISO 1724 Steker (2.10m Breed)

- 069.4490 Lichtbak S4 tot 2.10m stekker iso 1174
- 069.7000 Front- en zijreflectors EU 2015/208.....

AC.69-4490 Voertuigverlichting LED (EU) ISO 1724 Steker (2.40m Breed)

- 069.4491 Lichtbak S4 2.40m stekker iso 1174

AC.69-4505 Voertuigverlichting LED (DE) tot 1.80m + TÜV accessoires

- 069.4506 Lichtbak LED ISO 1724 Steker t/m 2.10m werkbreedte.....
- 069.4504.42 Kentekenlamp met stekker
- 069.5011 Wielkeggen S4
- 069.5010 Spatborden S4

AC.69-4506 Voertuigverlichting LED (DE) va 2.10m + TÜV accessoires

069.4505	Lichtbak LED ISO 1724 Steker va 2.40m werkbreedte.....
069.4504.42	Kentekenlamp met stekker
069.4504.40	LED Lampunit L met stekker
069.4504.41	LED Lampunit R met stekker.....
069.5011	Wielkeggen S4
069.5010	Spatborden S4

AC.69-4492 Voertuigverlichting LED (DE) tot 2.40m + TÜV accessoires

069.4506	Lichtbak LED ISO 1724 Steker t/m 2.10m werkbreedte.....
069.4504.42	Kentekenlamp met stekker
069.5011	Wielkeggen S4
069.5010	Spatborden S4

AC.69-4502 Voertuigverlichting LED (USA) ISO 1185 Steker (1.80m Breed)

069.4508	Lichtbak LED ISO 1185 Steker t/m 2.10m werkbreedte.....
069.4504.42	Kentekenlamp met stekker

AC.69-4504 Voertuigverlichting LED (USA) ISO 1185 Steker (2.10m Breed)

069.4507	Lichtbak LED ISO 1185 Steker va 2.40m werkbreedte.....
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AC.69-4491 Voertuigverlichting LED (USA) ISO 1185 Steker (2.40m Breed)

069.4508	Lichtbak LED ISO 1185 Steker t/m 2.10m werkbreedte.....
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AC.69-4493 Voertuigverlichting LED (UK) ISO 1724 Steker (1.80m Breed)

069.4490	Lichtbak S4 tot 2.10m stekker iso 1174
069.7000	Front- en zijreflectors EU 2015/208.....

AC.69-4494 Voertuigverlichting LED (UK) ISO 1724 Steker (2.10m Breed)

069.4490	Lichtbak S4 tot 2.10m stekker iso 1174
069.7000	Front- en zijreflectors EU 2015/208.....

AC.69-4495 Voertuigverlichting LED (UK) ISO 1724 Steker (2.40m Breed)

069.4491	Lichtbak S4 2.40m stekker iso 1174
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AC.69-4496 Voertuigverlichting LED (-) ISO 1724 Steker (1.80m Breed)

069.4506.30	Lichtbak LED ISO 1724 Steker TOT 2.10M Z. Kenteken.....
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AC.69-4497 Voertuigverlichting LED (-) ISO 1724 Steker (2.10m Breed)

069.4506.30	Lichtbak LED ISO 1724 Steker TOT 2.10M Z. Kenteken.....
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AC.69-4498 Voertuigverlichting LED (-) ISO 1724 Steker (2.40m Breed)

069.4505.30	Lichtbak LED ISO 1724 Steker va 2.40M Z. Kenteken
069.4504.40	LED Lampunit L met stekker
069.4504.41	LED Lampunit R met stekker.....

AC.69-4507 Geen Verlichting

30 Werklampen

AC.69-4520 1x LED Werklamp handloopslang voorzijde

069.4520.02 Werklamp handloopslang S4

AC.69-4521 2x LED Werklamp Achterzijde

069.4520.01 Werklampen Achterzijde S4

AC.69-4522 1x LED Werklamp Handloopslang 2x LED Werklamp Achterzijde

069.4520.02 Werklamp handloopslang S4

069.4520.01 Werklampen Achterzijde S4

AC.69-4523 Geen werklampen

31 Zwaailamp

AC.69-4511 LED Zwaailamp Achter ECE R65

069.4510 Zwaailamp achter

AC.69-4512 LED Zwaailamp boven ECE R65

069.4512 Zwaailamp boven LED S4

AC.69-4510 LED Zwaailamp boven ECE R65

069.4512 Zwaailamp boven LED S4

AC.69-4509 Low intensity Obstacle Light Amber - ICAO Annexe 14

069.4513 Low intensity Light Amber S4; boven

AC.69-4508 Low intensity Obstacle Light + Zwaailamp

069.4513 Low intensity Light Amber S4; boven

069.4510 Zwaailamp achter

AC.69-4513 Low intensity Obstacle Light Amber - ICAO Annexe 14

069.4513 Low intensity Light Amber S4; boven

AC.69-4517 Low intensity Obstacle Light + Zwaailamp

069.4513 Low intensity Light Amber S4; boven

069.4510 Zwaailamp achter

AC.69-4518 Geen Zwaailamp

32 Flashers

AC.69-4514 2x LED flasher achterzijde ECE R65

069.4514 2x LED Flasher Achterzijde S4

AC.69-4516 Geen Flashers

33 Electra [Automatisch]**AC.69-4111 3-delige Bedieningskast**

069.4003 Bedieningskast S4 + S8 - S20 3 functies

AC.69-4211 2-delige Bedieningskast

069.4002 Bedieningskast S4 + S8 - S20 2 functies

AC.69-4112 4-delige Bedieningskast

069.4004 Bedieningskast S4 + S8 - S20 4 functies

AC.69-4212 3-delige Bedieningskast

069.4003 Bedieningskast S4 + S8 - S20 3 functies

AC.69-4113 2-delige Bedieningskast

069.4002 Bedieningskast S4 + S8 - S20 2 functies

AC.69-4213 Zwaailamp op Trailerstekker**AC.69-4121 3-delige Bedieningskast**

069.4003 Bedieningskast S4 + S8 - S20 3 functies

AC.69-4221 3-delige Bedieningskast

069.4003 Bedieningskast S4 + S8 - S20 3 functies

AC.69-4122 5-delige Bedieningskast

069.4005 Bedieningskast S4 + S8 - S20 5 functies

AC.69-4222 4-delige Bedieningskast

069.4003 Bedieningskast S4 + S8 - S20 3 functies

AC.69-4123 3-delige Bedieningskast

069.4003 Bedieningskast S4 + S8 - S20 3 functies

AC.69-4223 2-delige Bedieningskast

069.4002 Bedieningskast S4 + S8 - S20 2 functies

AC.69-4131 2-delige Bedieningskast

069.4002 Bedieningskast S4 + S8 - S20 2 functies

AC.69-4231 1-delige Bedieningskast

069.4001 Bedieningskast S4 + S8 - S20 1 functie

AC.69-4132 3-delige Bedieningskast

069.4003 Bedieningskast S4 + S8 - S20 3 functies

AC.69-4232 2-delige Bedieningskast

069.4002 Bedieningskast S4 + S8 - S20 2 functies

AC.69-4133 1-delige Bedieningskast

069.4001 Bedieningskast S4 + S8 - S20 1 functie.....

AC.69-4233 Geen Elektra - 0 functies**34 Hydrauliek [automatisch]****AC.69-2400 Hydrauliek KIPPEN****AC.69-2402 Hydrauliek KIPPEN+HYDR BM****AC.69-2411 Hydrauliek KIPPEN MECH BM GOOTB R****AC.69-2410 Hydrauliek KIPPEN MECH BM GOOTB L****AC.69-2412 Hydrauliek KIPPEN MECH BM GOOTB LR****AC.69-2420 Hydrauliek KIPPEN HYDR BM GOOTB L****AC.69-2422 Hydrauliek KIPPEN HYDR BM GOOTB LR****AC.69-2421 Hydrauliek KIPPEN HYDR BM GOOTB R****35 Aftakassen [automatisch]****AC.69-1402 Aftakassenset S4 1 3/8" (6) Hydr.Verst.Trekh.**

IN.01-030123 Aftakas WWZ2380-1010-F5/1R 1 3/8 (6) m. Vrijloopkoppeling.....

AC.69-1401 Aftakassenset S4 1 3/8" (6) - Mech.Verst.Trekh.

IN.01-030120 Aftakas WWE2380-1010-F5/1R 1 3/8 (6) m.Vrijloopkoppeling

AC.69-1403 Aftakassenset S4 - verlengd 1 3/8" (21) Mech.Verst.Trekh.

IN.01-030161 Aftakas WWE2480-1210-F5/1R 1 3/8 (21) + Vrijloopkoppeling

AC.69-1404 Aftakassenset S4 - verlengd 1 3/8" (6) - Mech.Verst.Trekh.

IN.01-030166 Aftakas WWE2480-1210-F5/1R 1 3/8 (6) + Vrijloopkoppeling

36 Filtersysteem (automatisch)**AC.69-0561 Topnet**

069.0605 Losklep basis.....

069.0601 Topnet (Kit).....

069.0606.01 Gasveer compleet 500N tbv enkel Roosterdak

AC.69-0562 Topnet & Stofkap

069.0605 Losklep basis.....

069.0607 Topnet en Stofkap

AC.69-0563 Rooster

069.0605	Losklep basis.....
069.0606	Rooster S4 (kit)
069.0606.01	Gasveer compleet 500N tbv enkel Roosterdak

AC.69-0564 Rooster & Stofkap

069.0605	Losklep basis.....
069.0608	Roosters en Stofkap.....
069.0604.01	Gasveer compleet 700N tbv Roosterdak en topzeil

37 Voertuigkeuring

AC.69-9990 Geen voertuigkeuring

AC.69-9997 Individuele DE-keuring TÜV (40 km/h) StVO

AC.69-9992 Dossier met techn.gegevens tbv lokale goedkeuring door klant

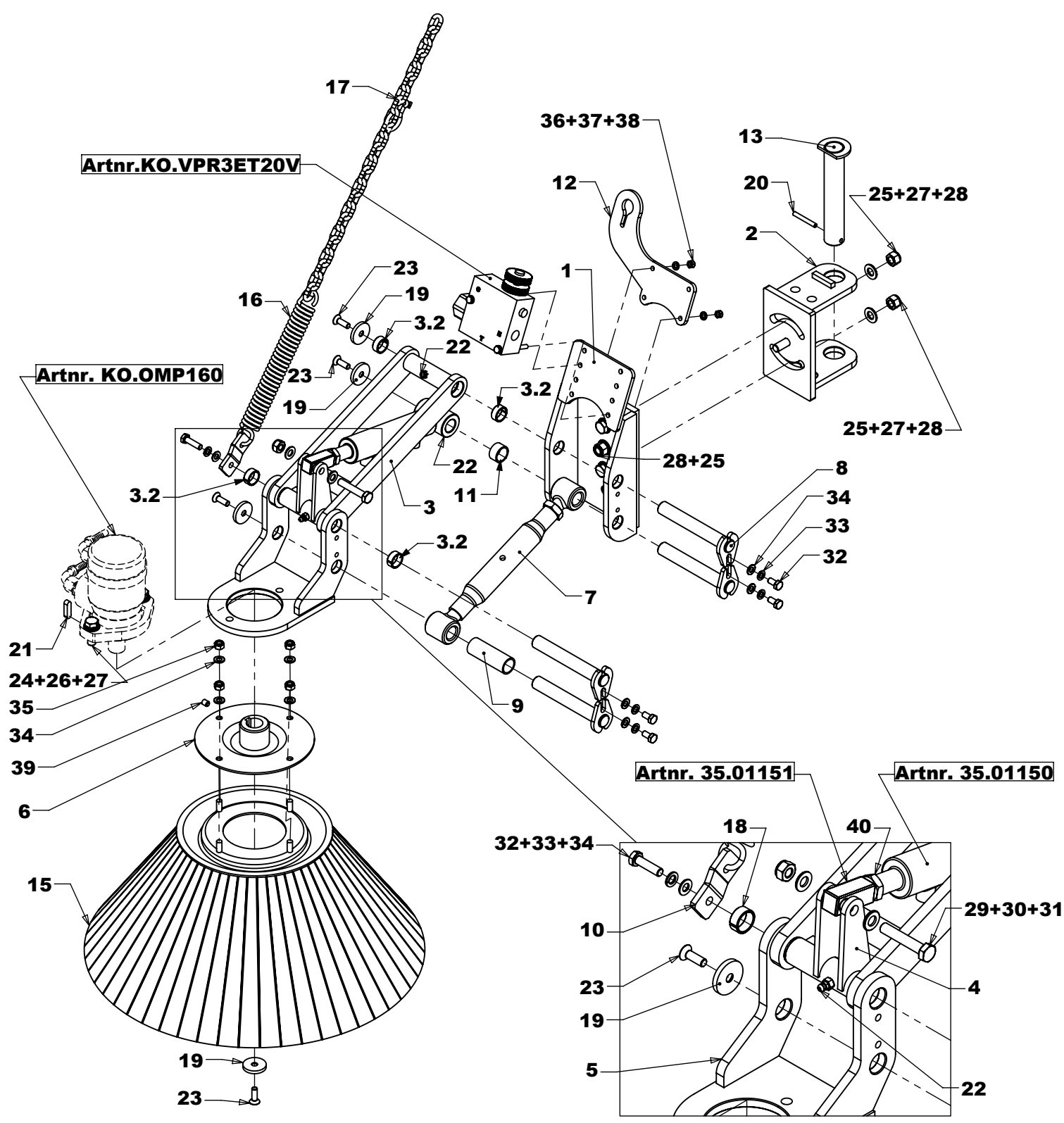
AC.69-9995 Individuele NL-keuring RDW 25 km/h - EU 167/2013

38 Kleurschema

AC.69-9001 Gelakt in Trilo Kleurstelling

AC.69-9002 Gelakt in bedrijfskleur

Einde



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Gootborstel Universeel

Seitenbürsten Universeel

Gulley brush Universeel

TRILO	
00.35-0100	
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Revision	A

035.0100-00 - ZRef

40	1	90.93616	Lage Moer M16	Flat nut	Flachmutter	
39	1	90.916810	Inbus Stelbout M8x10	Inner Hex Bolt	Schraube	
38	2	90.9856	Zelfborgende Moer M6	Lock Nut M6	Sicherungsmutter M6	
37	4	90.125A6	Sluitring M6	Washer M6	Unterlegscheibe	
36	2	90.931665	Zeskantbout M6x65	Hex Bolt	Schraube	
35	4	90.9858	Zelfborgende Moer M8	Self Locking Nut M8	Selbstsichernde Mutter M8	
34	9	90.125A8	Sluitring M8	Washer M8	Unterlegscheibe	
33	5	90.127B8	Veerring M8	Spring Washer M8	Federring	
32	5	90.933820	Tapbout M8x20	Tap Bolt M8x20	Schraube	
31	1	90.98510	Zelfborgende Moer M10	Self-locking nut M10	Selbstsichernde Mutter M10	
30	2	90.125A10	Sluitring M10	Washer M10	Unterlegscheibe M10	
29	1	90.9331055	Tapbout M10x55	Hex Bolt	Schraube	
28	3	90.98512	Zelfborgende Moer M12	Self-locking Nut	Selbstsichernde Mutter	
27	5	90.125A12	Sluitring M12	Washer M12	Unterlegscheibe	
26	2	90.127B12	Veerring M12	Spring Washer	Federring	
25	2	90.9331240	Tapbout M12x40	Hex Bolt M12x40	Schraube	
24	2	90.9331235	Tapbout M12x35	Hex Bolt	Schraube	
23	4	90.7991820	Plat Verz.Inbusbout M8x20	Recessed Bolt M8x20	Bolzen	
22	2	KR.GN61180	Vetnippel M6 180°	Grease Nipple M6 180°	Schmierkopf	
21	0	90.68858730	Inlegspie 8x7x30	Parallel Key	Passfeder	
20	1	KR.1481645	Holspie 6x45	Tightening Pin	Spannhülse	
19	4	45.11050	Schijf Ø35x5 - Ø8 Verzonken	Washer Ø35x5	Scheibe	
17	1	KR.HA08	Harp sluiting 5/16"	"Bow Shackle 5/16""	"SchÄkel 5/16""	
16	1	DT.301948	Trekveer Komborstel	Tensile spring	Zugfeder	5x30x200
15	1	40.35180	Gootborstel Sw300 Staal/kunst-	Gulley Brush	Seitenbürste Stahl/Kunststoff	Stof
14	1	35.01140	Scheepsketting Sk06v - 300mm	Chain	Kette	16 Schakels
13	1	35.01130	Pen Ø30 L=168	Pin	Stift	
12	1	35.01120	Kettingdrager Gootborstel	Chain Guide	Kettenleiter	
11	1	35.01110	Bus 3/4" L=14	Bush	Buchse	
10	1	35.01100	Strip Voor Trekveer	Strip	Streifen	
9	1	35.01090	Bus 3/4" L=75	Bush	Buchse	
8	4	35.01080	Pen Ø20 L=145 Spec.	Pin	Stift	Korte Borgplaat & Ta
7.3	1	90.93620	Lage Moer M20	Flachmutter	Flat nut	
7.2	2	035.0100.P17	Bus Ø38x9.75 L=40	Bush	Buchse	
7.1	1	KR.147820AA	Draadspanner M20	Spanner	Tensioner	
7	1	35.01070	Draadstang Compleet	Spindle	Spindel	
6	1	35.01060	Montageschijf Gootborstel	Mounting Disk	Festschraubplatte	
5	1	35.01050	Hydromotorsteun Gootborstel	Bracket	Halter	
4	1	35.01040	Tuimelstuk Gootborstel	Lever	Winkelhebel	
3.2	4	90.1498202410	Inspanbus 20x24x10	Spring dowel	Spannhülse	
3	1	35.01030	Arm Gootborstel	Lever	Ausleger	
2	1	35.01020	Steun 2 Gootborstel	Bracket	Halter	
1	1	35.01010	Steun 1 Gootborstel	Bracket	Halter	
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

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Gootborstel Universeel

Seitenbürsten Universeel

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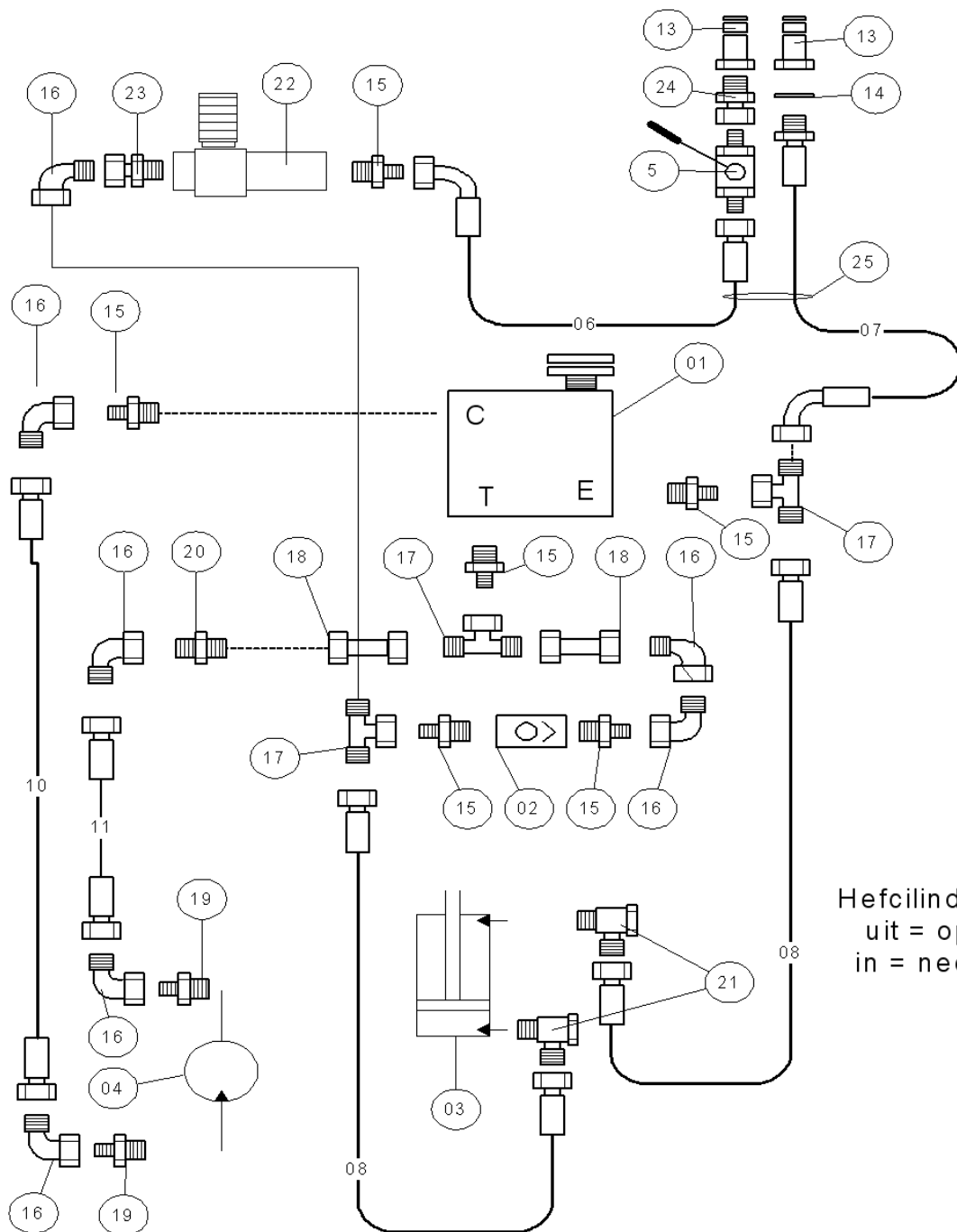
Gulley brush Universeel

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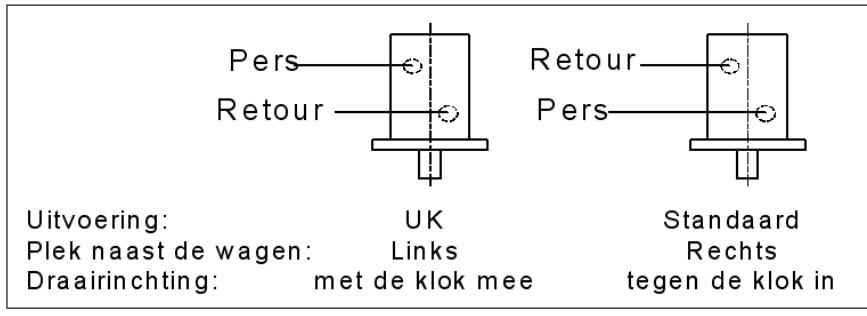


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Hefcilinder:
uit = op
in = neer



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Hydrauliek Bouwgroep 5
Gootborstel (separaat)
Hydraulische Anlage

Hydraulic Schematic

00.40-2456	
Drawn JK 4-2-2003	Sheet 1/2
Revised TS 12-8-2013	Revision A

040.2450-D-4-ZRef

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
-	pos.12 (kr.90125122) vervallen, pos.1,2 en 4 : KR. ... was KO.	27-06-11	TS

25	1	63.240010	Beschermhoes L=2100	Protective Sleeve	Schutzüberzug	
24	1	KR.EGES12LSR12W	Koppeling	Coupling	Kupplung	
23	1	KR.EGESD12LR38W	Koppeling	Fitting	Einschraubenippel	
22	1	KR.FPU05001	Fpu 3/8 Smoorterugslagklep	Throttle Non Returnvalve	DrosselrÜcklaufventil	
21	2	KR.RSWV12LR14WD	Haakse Zwenk koppeling BSP	Banjo fitting	Schwenkverschraubung	
20	1	KR.GS12L	Rechte Koppeling 12L	Straight connection	Gerade zwischenstutze	
19	2	KR.GES12LR12	Rechte Inschroefkoppeling BSP	Screw-in joint	Einschraubenippel	
18	2	KR.GV012L12L	Rechte Verbindingskoppeling	Straight Connection	Gerade Zwischenstutze	
17	3	KR.ETSD12L	T-koppeling	Reducing Tube Adaptor	Reduzieranschluß	
16	7	KR.EWSD12L	Haakse Koppeling	Rotary fitting	Drehverschraubung	
15	6	KR.GES12LR38	Rechte Inschroefkoppeling BSP	Screw-in joint	Einschraubenippel	
14	1	KR.TT08	USIT-ring 1/2"	Seal ring	Dichtungsring	
13	2	KR.20108110	Snelkoppelinsteker 1/2"	Plug 1/2"	Schnellkupplung	
11	1	20.24109	Slang NST10 ZL=600	Hose	Schlauch	PGLO 10-18 PGLO 10
10	1	20.24108	Slang NST10 ZL=550	Hose	Schlauch	PGLO 10-18 PGLO 10
8	2	20.24140	Slang NST8 ZL=350	Hose	Schlauch	PGLO 8-18 PGLO 8-1
7	1	40.24130	Slang NST10 ZL=2880	Hose	Schlauch	PN10-8 PGLO 10-18-
6	1	40.24131	Slang NST10 ZL=2990	Hose	Schlauch	PGLO10-18 PGLO 10-
5	1	KR.KHS12L	Kogelkraan 2-weg	Ball valve 2-way	Kugelhahn 2 wege	
4	1	KR.OMP160L	Motor OMP 160l-a2-z08 151-0614	Hydr.motor	Torqmotor	
3	1	35.01150	Cilinder Gootborstel	Ram Gulley Brush	Zilinder Seitenbürsten	D20-30-75/266
2	1	KR.LCV05001	Terugslagklep 3/8"	Non-return Valve	Rücklaufventil	
1	1	KR.VPR3ET05001	3weg Stroomregelklep 3/8"	Flow control valve	Stromregelventil	
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

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F +31(0)33 456 44 33
Info@vanmac.nl
www.vanmac.nl

Hydrauliek Bouwgroep 5
Gootborstel (separaat)

Hydraulische Anlage

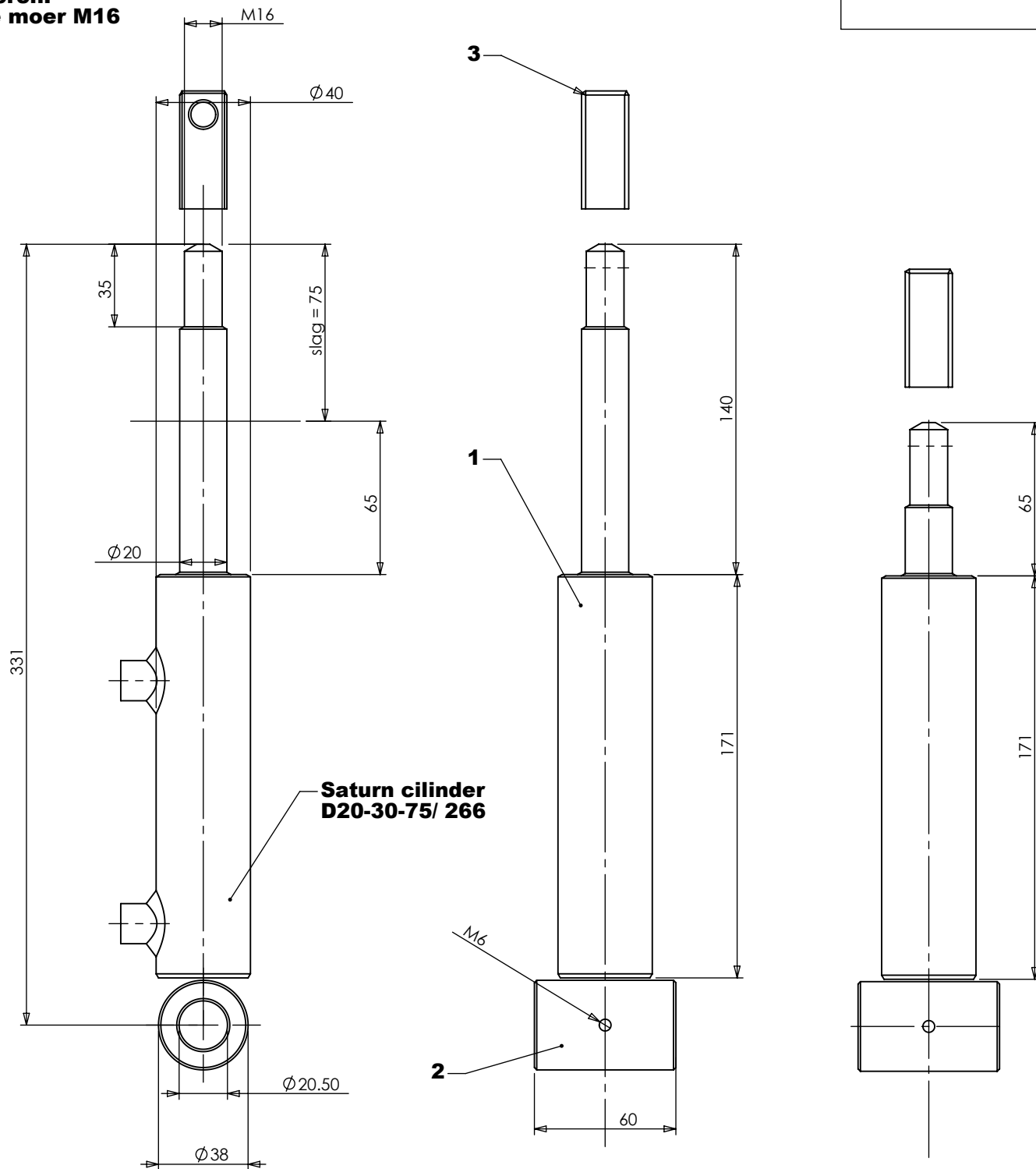
Hydraulic Schematic



00.40-2456

Drawn	JK 4-2-2003	Sheet	2/2
Revised	TS 12-8-2013	Revision	A

**Bij vervanging
meeleveren:
1x Lage moer M16**



**Saturn cilinder
D20-30-75/ 266**

3	1	35.01151	Schroefkop Cil. Gootborstel	Screw	Schrauben	M16 - D10
2	1	WE.DB38X20.5	Dikwandige Buis 38x20.5	Thick Walled Tube ø38x20.5	Zilinder	
1	1	KR.D2030150C	Cilinder D20-30-150 C Serie	Ram	Zilinder	
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

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**Cilinder Gootborstel
D20-30-75/266**

Zilinder Seitenbürsten

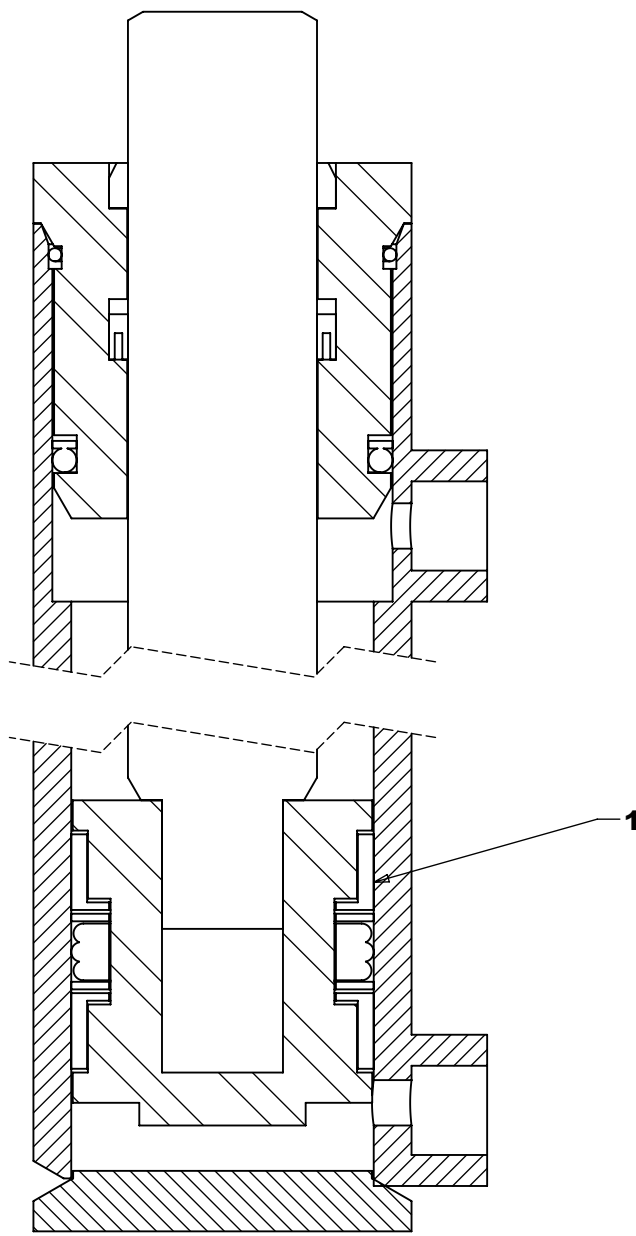
Ram Gulley Brush



35.01150

Sheet: 1/2 Dwg:035.0100-D 15

Tel +31(0)33 456 44 32
Fax +31(0)33 456 44 33
E-mail: Info@trilo.com
www.trilo.com



1	1	KR.25-20-30-000	Dichtset	Sealing kit	Dichtsatz
Item	QTY	Reference	Omschijving	Description	Benennung

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 Fax +31(0)33 456 44 33
 E-mail: Info@trilo.com
 www.trilo.com

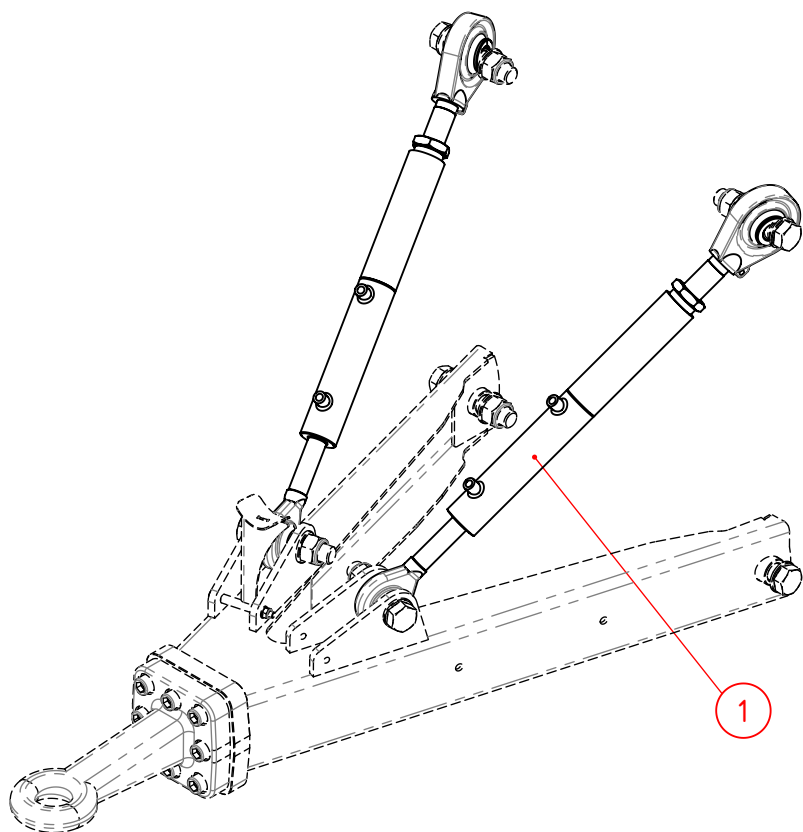
Cilinder Gootborstel D20-30-75/266	
Zilinder Seitenbürsten	Ram Gulley Brush




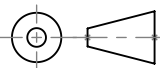
35.01150

Sheet: 2/2 | DWG:035.0100-D 15

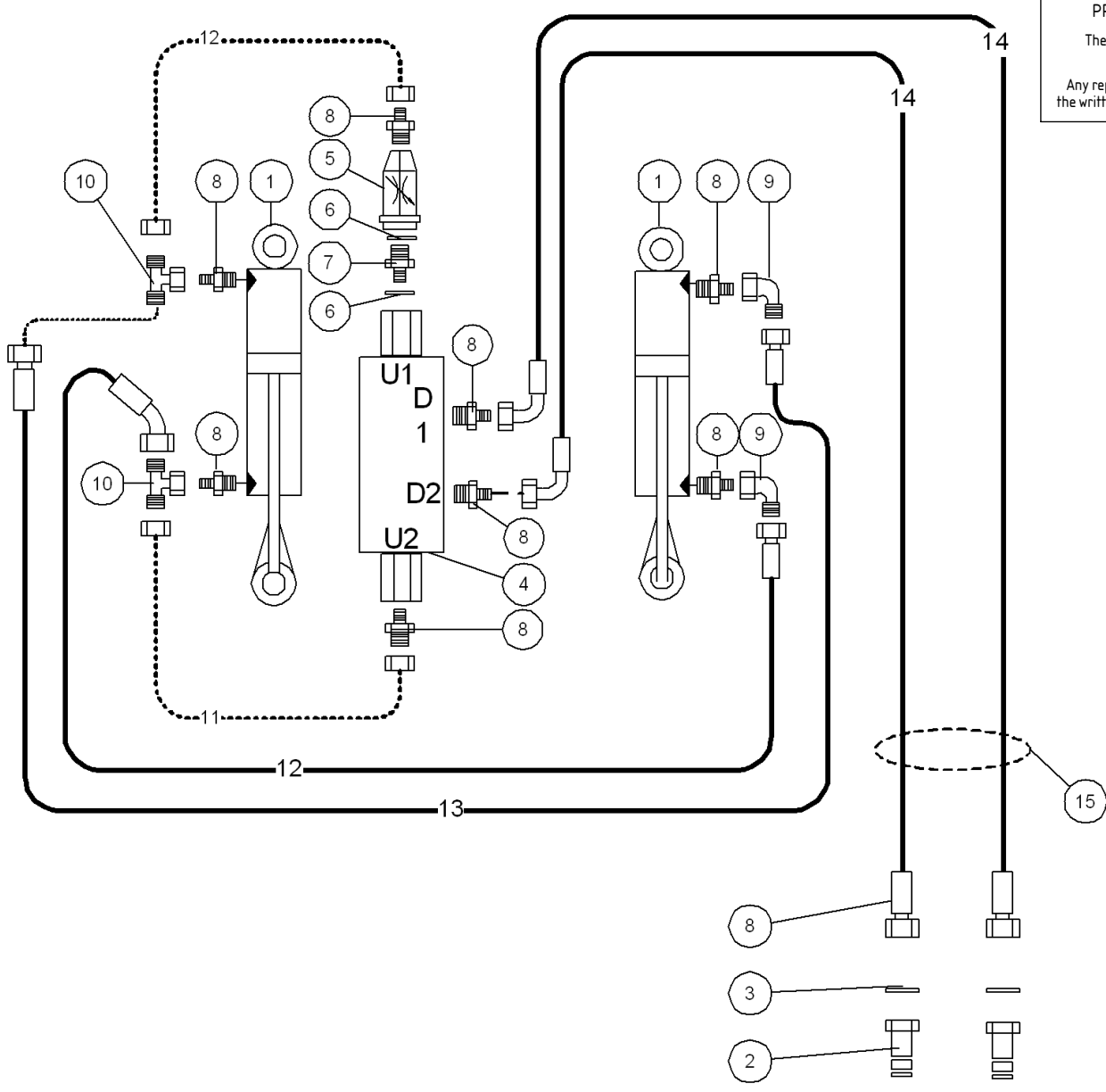
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15	1	15.25051	Beschermkous L 2500				
14	2	15.24322	Slang HST8 ZL=3100	PN 8-8 PGL0 8-16-90			
13	1	15.24324	Slang HST8 ZL=500	PGL0 8-16 PGL0 8-16			
12	1	15.24328	Slang HST8 ZL=900	PGL0 8-16 PGL0 8-16-45			
11	2	45.24326	Leiding Ø10 1x180° L=160	Bocht 180°			
10	2	KR.ETSD10L	T-koppeling				
9	2	KR.EWSD10L	Haakse Koppeling				
8	8	KR.GES10LR38	Rechte Inschroefkoppeling BSP				
7	1	KR.DNB06	Dubbele Nippel 3/8" - 3/8" BS				
6	2	KR.TT06	USIT-ring 3/8"				
5	1	KR.FBMB05001	Smoring 3/8"				
4	1	KR.VBPD03002	Terugslagklep Dubbelgestuurd	Dubb. Gestuurd 3/8"			
3	2	KR.TT08	USIT-ring 1/2"				
2	2	KR.20108110	Snelkoppelinstecker 1/2"				
1	2	069.0312.11	Hydraulische Topstang	S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	CAT2 Verstelling [hydr] Topstang					
					055.0204		
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks Qty per Machine	Weight 493.58 kg	PGM Scale 1:1	Drawn TS 24-1-2017 Release TS 9-8-2017	Sheet 1/2 Revision -

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15	1	15.25051	Beschermkous L 2500				
14	2	15.24322	Slang HST8 ZL=3100	PN 8-8 PGL0 8-16-90			
13	1	15.24324	Slang HST8 ZL=500	PGL0 8-16 PGL0 8-16			
12	1	15.24328	Slang HST8 ZL=900	PGL0 8-16 PGL0 8-16-45			
11	2	45.24326	Leiding Ø10 1x180° L=160	Bocht 180°			
10	2	KR.ETSD10L	T-koppeling				
9	2	KR.EWSD10L	Haakse Koppeling				
8	8	KR.GES10LR38	Rechte Inschroefkoppeling BSP				
7	1	KR.DNB06	Dubbele Nippel 3/8" - 3/8" BS				
6	2	KR.TT06	USIT-ring 3/8"				
5	1	KR.FBMB05001	Smoring 3/8"				
4	1	KR.VBPD03002	Terugslagklep Dubbelgestuurd	Dubb. Gestuurd 3/8"			
3	2	KR.TT08	USIT-ring 1/2"				
2	2	KR.20108110	Snelkoppelinstecker 1/2"				
1	2	069.0312.11	Hydraulische Topstang	S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

CAT2 Verstelling [hydr]

Topstang

Remarks

Qty per Machine

Weight

PGM

Scale

kg

055.0204

Drawn TS 24-1-2017 Sheet 2/2

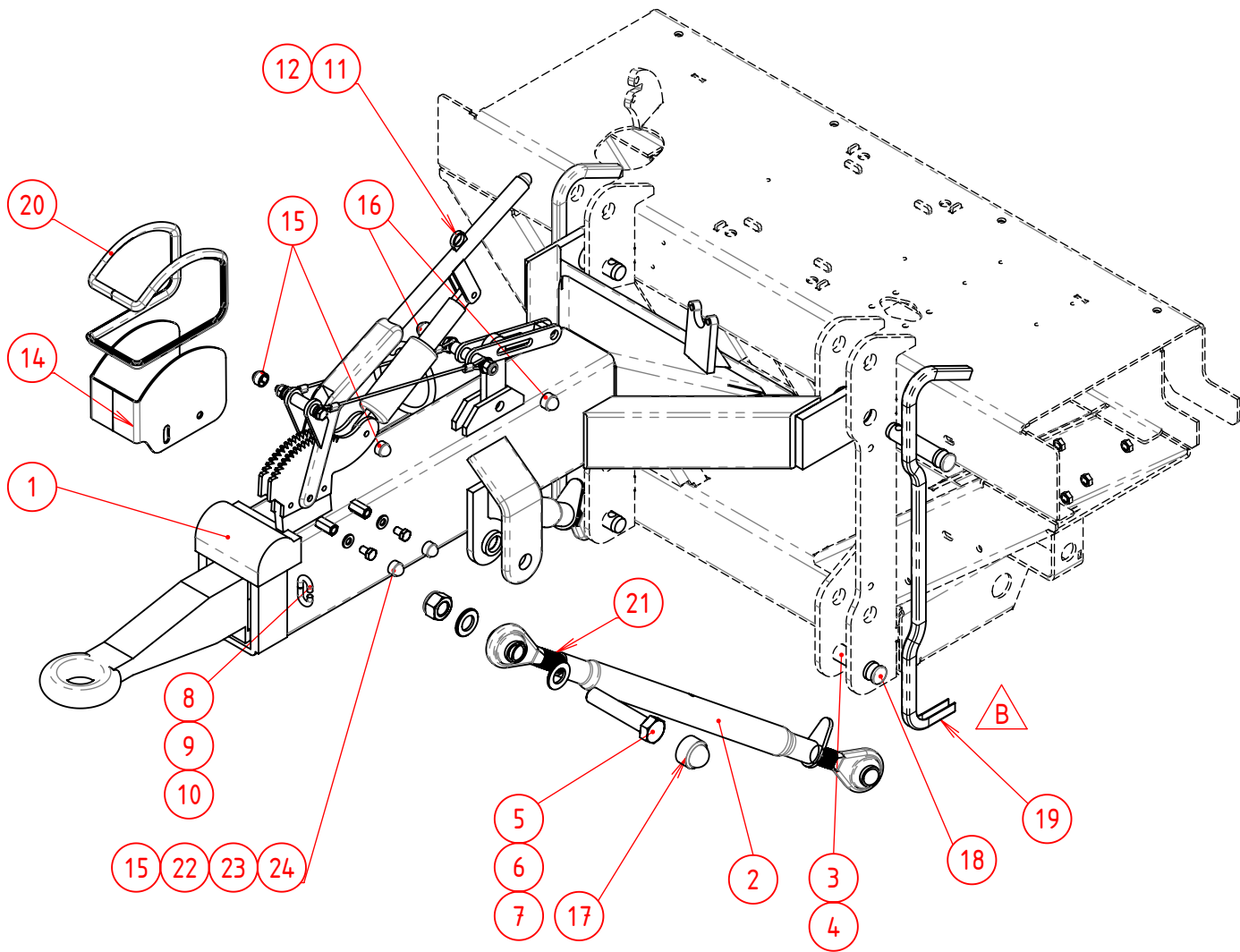
Release TS 9-8-2017 Revision -

055.0319 - ZReel

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Brekkabel toegevoegd	15-02-18	TS
B	Zelfklemmend u-profiel en Boutkappen toegevoegd	1-3-2018	pcl

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges


Tolerances unless stated:
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Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

CAT3 Trekhaak [AVE2000] S4			
Remarks	PGM	-	Drawn AVDB 9-12-2011
Qty per Machine	Weight	Scale	Release TS 15-5-2018
1	195.51 kg	1:10	Sheet 1/2
			Revision B



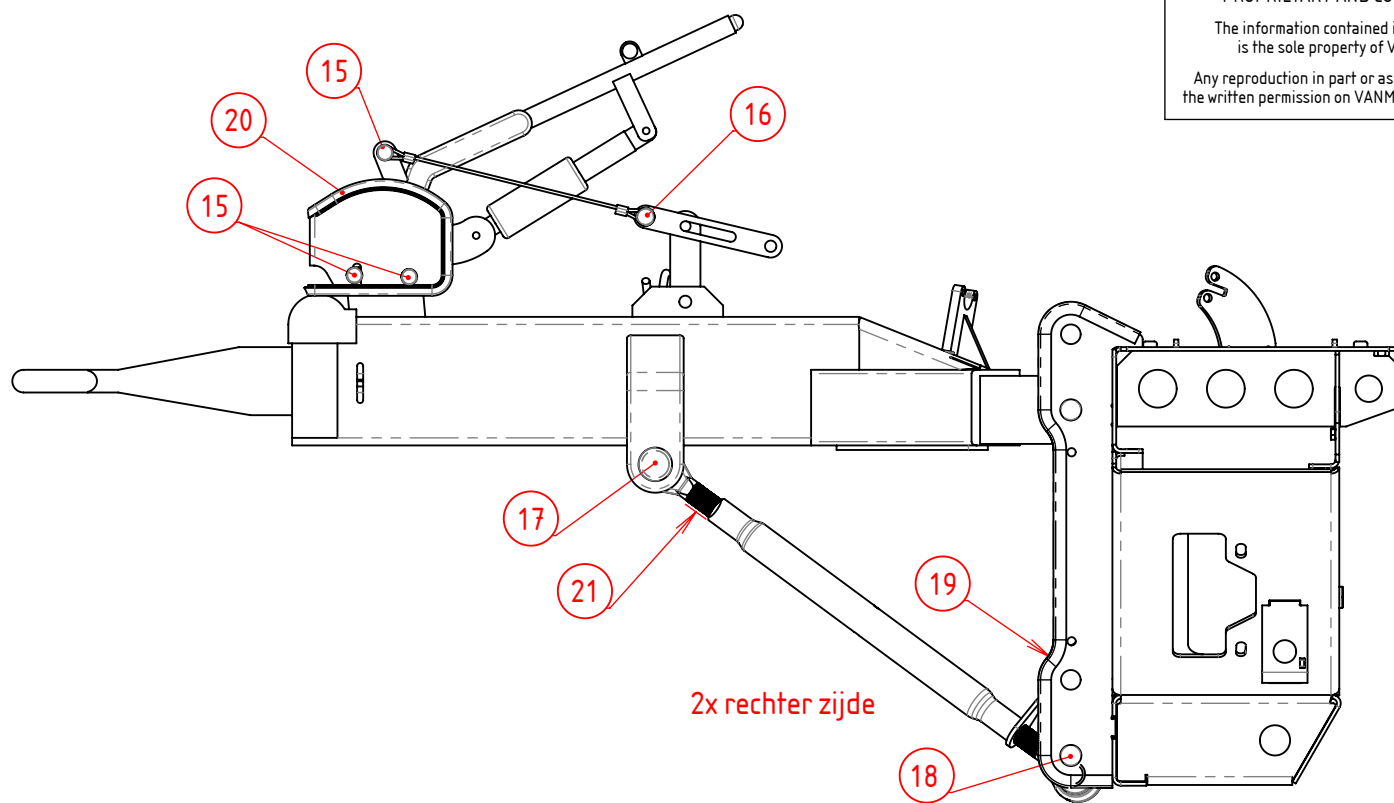
055.0319

055.0319-ZRef


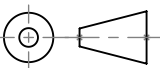
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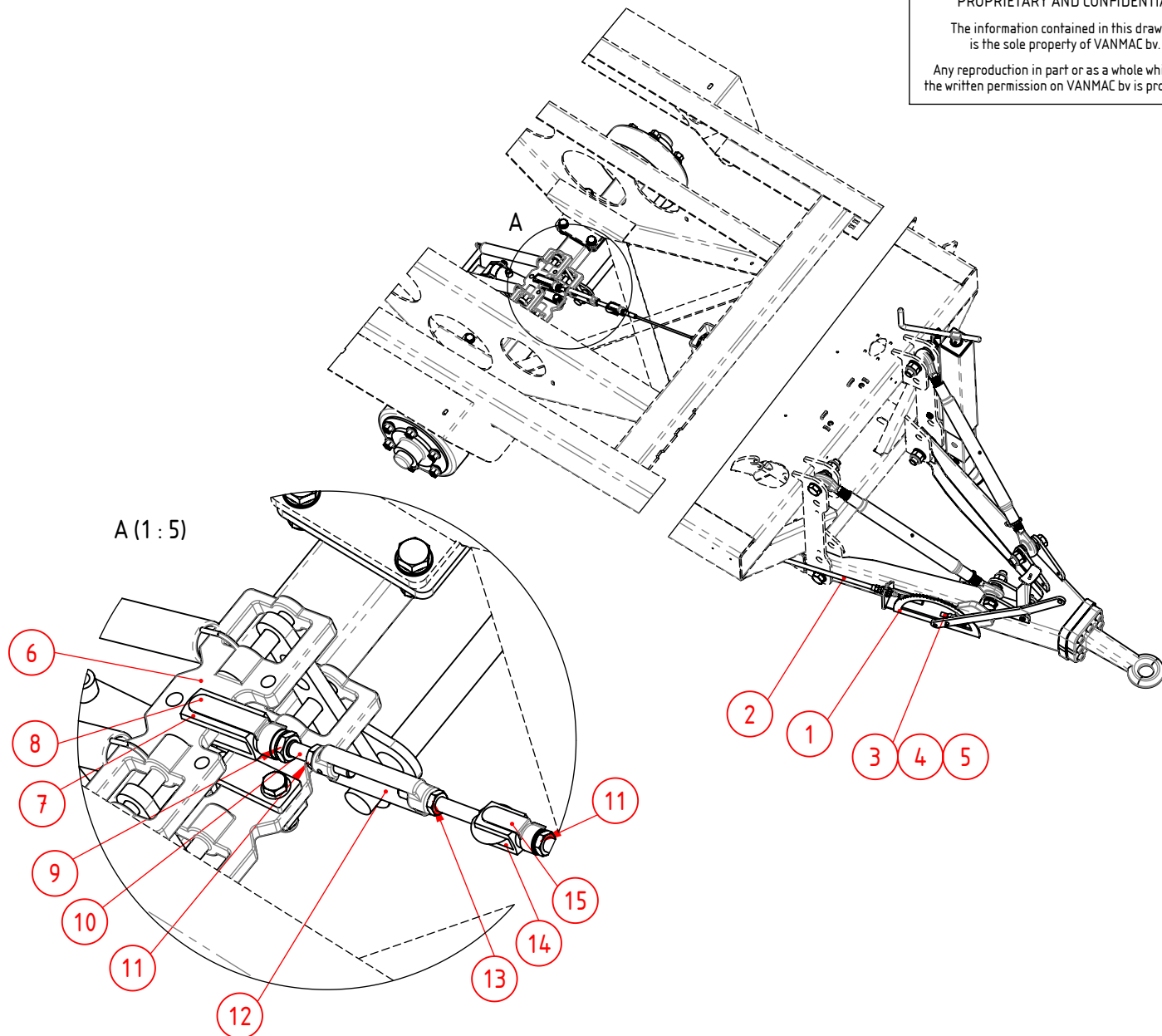
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24	2	90.9331016	Tapbout M10x16				
23	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
22	2	90.633410	Verbindingsmoer M10				
21	2	KR.R250232	Spiraalband 25mm		30		
20	2	KR.CA0305	Zelfklemmend U-Profiel 1.2mm	9x6 mm	500		
19	2	DG.2005012	Zelfklemmend U-profiel 10-12mm	17x15mm rol a 50m	865		
18	2	KR.KS0286025	FlexiKap 28.6mm PVC				
17	2	90.BKM24	Bout- en moerkap M24				
16	2	90.BKM12	Bout- en moerkap M12				
15	4	90.BKM10	Bout- en moerkap M10				
14	1	055.0319.04	Afscherming Parkeerem				
12	1	KR.HA05	Harpsluiting 3/16				
11	1	KR.209538	breekkabel met oog	1600mm			
10	1	90.98510	Zelfborgende Moer M10				
9	2	90.9021A10	Carr.Ring M10				
8	1	055.0319.13	Ketting CK50V tbv aftakas	22 schakels			
7	2	90.98524	Zelfborgende Moer M24				
6	4	90.125A24	Sluitring M24				
5	2	90.93124120	Zeskantbout M24x120				
4	4	KR.LP11Z	Borgclip 11mm				
3	4	KR.Z325083	Topstangpen Ø25x83				
2.2	1	KR.TLZ175362L	Spindel M36x3 L. Cat.2				
2.1	1	KR.TLZ175362R	Spindel M36x3 R. Cat.2				
2	2	KR.TLZ4003622	Topstang 400-M36 Cat.2				
1	1	055.0319.01	CAT3 Trekhak [AVE2000] LSM	8 TON			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	CAT3 Trekhak [AVE2000] S4				
					055.0319	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine 1 Weight 195.51 kg	PGM Scale 1:10	Drawn AVDB 9-12-2011 Release TS 15-5-2018	Sheet 2/2 Revision B	

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15	1	OV.37750267	Snelsluiting Voor Gaffel 12x24				
14	1	OV.37740288	Stelgaffel M12x24 Verzinkt				
13	1	90.93412L	Moer M12 Links				
12	1	KR.148012GG	Spanschroef 2 Ogen M12				
11	2	90.93612	Lage Moer M12				
10	1	55.45102	Draadeind M12/M14 L=92	Rechtse draad			
9	1	90.93614	Lage Moer M14				
8	1	KR.G1456B	Clip Stelgaffel M14x56				
7	1	KR.G1456Z	Stelgaffel M14x56 Verzinkt	EXCL Clip			
6	1	AB.9RE101	Evenaar ADR 150-200	incl.pennen			
5	1	90.98510	Zelfborgende Moer M10				
4	1	90.93610	Lage Moer M10				
3	1	KR.CA98530	Kogelgewricht M10				
2	1	055.0324.10	Parkeerremkabel FR S4	L1=3020 / L2=2600			
1	1	055.0321.02	Parkeerremhevel				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
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 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Parkeerrem aan trekhaak

S4

Remarks

Qty per Machine

Weight

680.26 kg

PGM

Scale

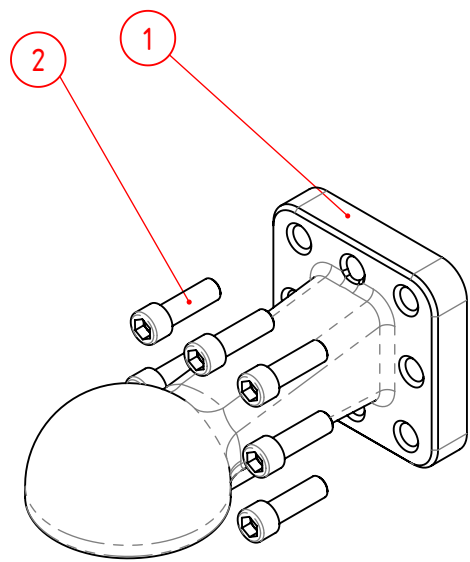
1:20

055.0324


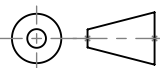
Drawn	TS	22-5-2017	Sheet	1/1
Release	TS	22-5-2017	Revision	-

055.1300-Zref

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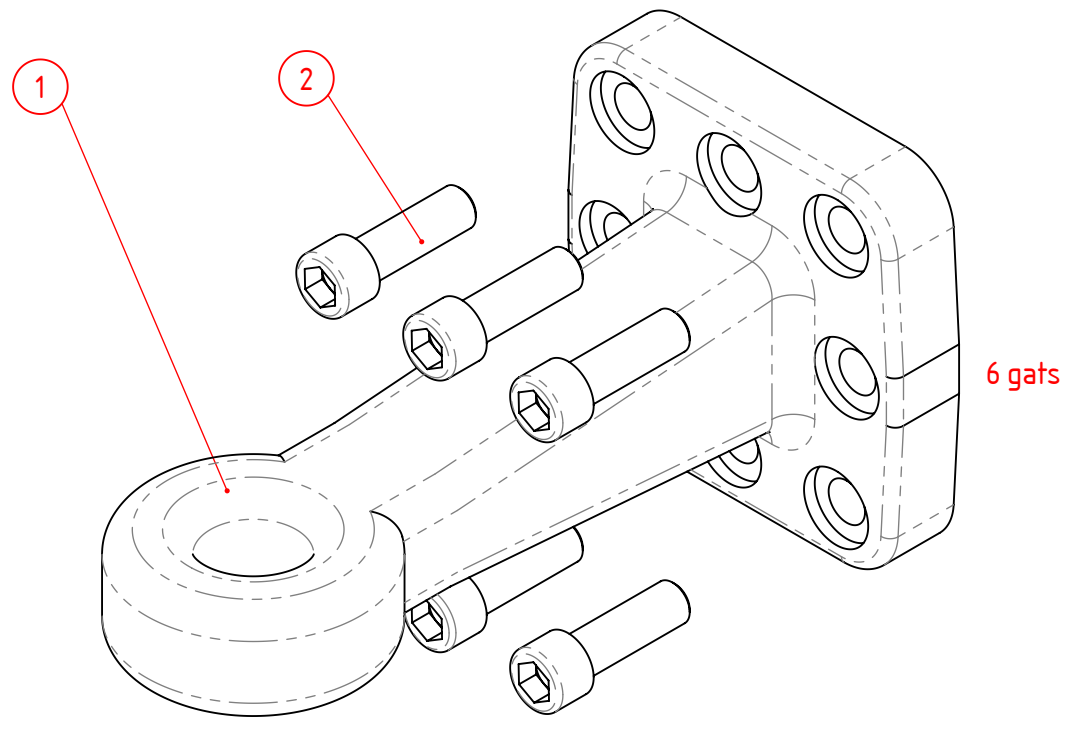
2	1	KR.225000014	Set Cil.Inbusbout M16x50 10.9	8 stuks verz. tbv Flenstrekoog			
1	1	KR.006529700	Flenstrekoog K80	K80 /100x110 (8xM16)			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Trekbolkoppeling 80mm ISO 24347					
					Remarks Qty per Machine	Weight 15378.91 kg	PGM - Scale 1:5

Remove welding spatter
 Sheet metal unscratched

 Debur / Break sharp edges

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2	1	KR.30001296	Boutenset flenstrekoog	8x M16x50 kw. 10.9			
1	1	055.1300.41	Flenstrekoog 6-gaats Ø40	DIN 11026-40D 2000 kg 40 kmh			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

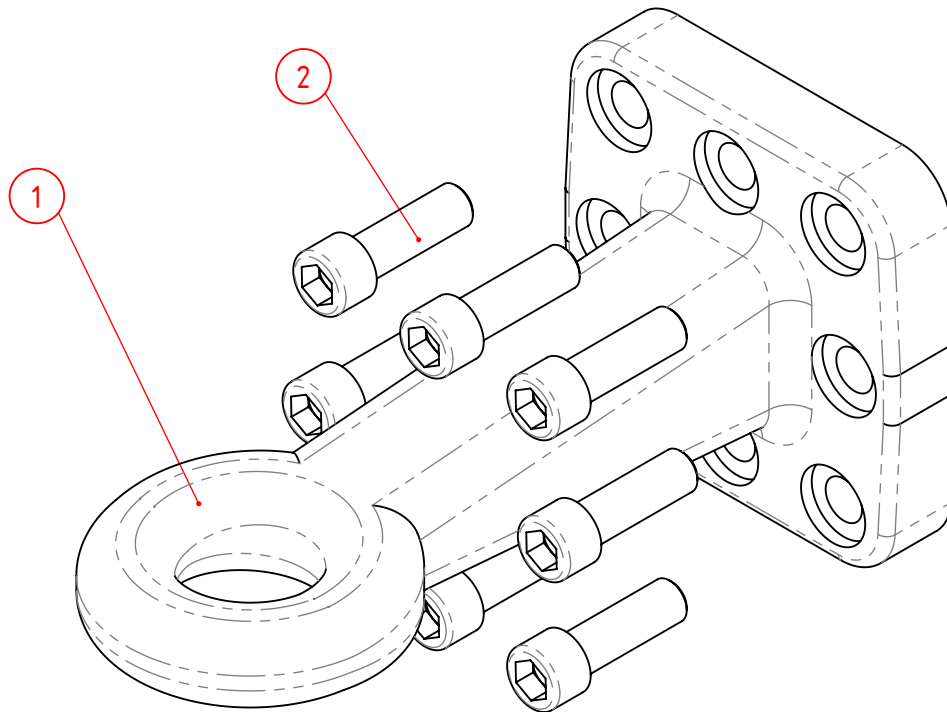
Trekoog vast [40mm DIN]

Remarks	-	PGM	-
Qty per Machine		Scale	1:2.5
Weight	11676.12 kg		


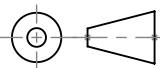
055.1301

Drawn	TS	9-12-2013	Sheet	1/1
Release	PV	10-5-2017	Revision	A

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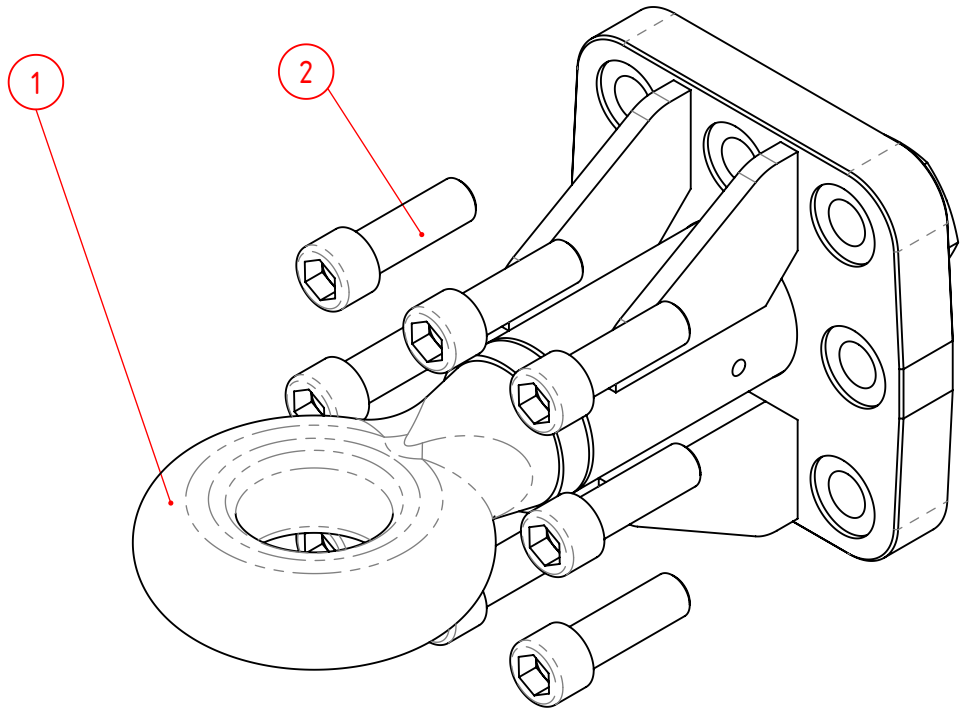
2	1	KR.225000014	Set Cil.Inbusbout M16x50 10.9	Bolt Set	Schrauben Satz	8 stuks verz. tbv Fl
1	1	055.1300.60	Flenstrekoog 8-gaats Ø50	Drawbar Eye with Flange	Flanschzugöse	DIN 9678 hitchring
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Trekoog vast [50mm DIN] hitchring - PITON FIX				
		Remarks Qty per Machine Weight kg			PGM -	Drawn PV 10-5-2017
Remove welding spatter Sheet metal unscratched Deburr / Break sharp edges				Scale 1:2.5	Release PV 10-5-2017	Revision -

055.1304 - ZRef

Rijsnelheid max 25 km/h
 Oplegdruk max 1500 kg
 totaal aanhangergewicht max 10.000 kg
 Gelijkend op ISO 5692-1

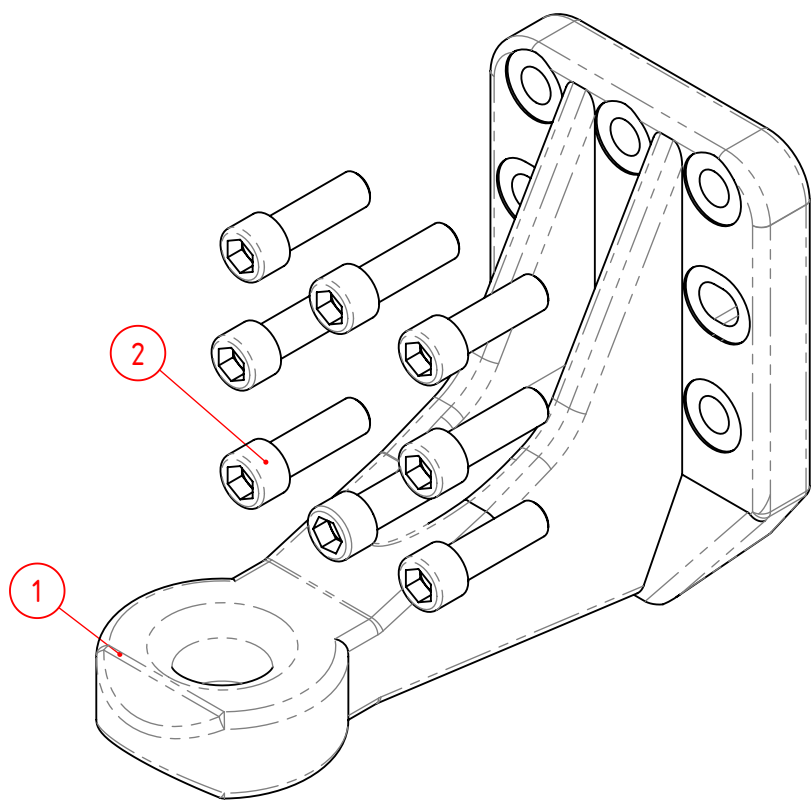
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2	1	KR.225000014	Set Cil.Inbusbout M16x50 10.9	Bolt Set	Schrauben Satz	8 stuks verz. fbv Fl
1	1	055.1300.03	Flenstrekoog 50mm draaibaar	Drawbar Eye with Flange	Flanschzugöse	10 ton max
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Trekoog [Draaiioog 50mm] 10 ton				
					PGM Scale 1:2.5	Drawn TS 9-12-2013 Release PV 10-5-2017
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks Qty per Machine	Weight 10617.52 kg		

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Montage- und Betriebsanleitung für Zugöse Typ 65250
 - Allgemeine Bauartgenehmigung Nr. M 9666 -


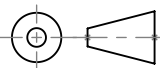
1. Verwendungsgebiet und Kennwerte

Zugösen Typ 65250 sind für die Verwendung an land- und forstwirtschaftlichen Starrdeichselanhängern vorgesehen, haben Abmessungen ähnlich ISO 5692-2 bzw. ähnlich DIN 11026 und werden in zwei Ausführungen mit Flanschlochbild 100*110 bzw. 110*110 hergestellt. In Abhängigkeit von der zulässigen Höchstgeschwindigkeit des Anhängers können für die Zugöse wahlweise folgende Kennwertkombinationen in Anspruch genommen werden:

Kombination		I	II	III	IV	V	VI	VII	VIII	IX
Zul. Geschw. Anh	[km/h]	bis 25	bis 40	über 40	bis 25	bis 40	über 40	bis 25	über 40	über 40
Zul. Stützlast Anh	[t]	2,5			2,0			1,5		
Zul. Achslast Anh	[t]	22,0	20,0	18,0	24,0	22,0	20,0	25,0	23,0	21,0
Zul. D _C -Wert	[kN]	83,9	80,8	77,3	86,7	83,9	80,8	86,7	85,4	82,4

Vor dem Einbau der Zugöse ist ferner zu beachten, dass das Verhältnis von Schwerpunkthöhe h zu wirksamer Deichsellänge l (Abstand von Mitte Kuppelpunkt bis Mitte Achse bzw. Achsaggregat) bei zulässigem Gesamtgewicht des Anhängers nicht mehr als 0,4 betragen darf.

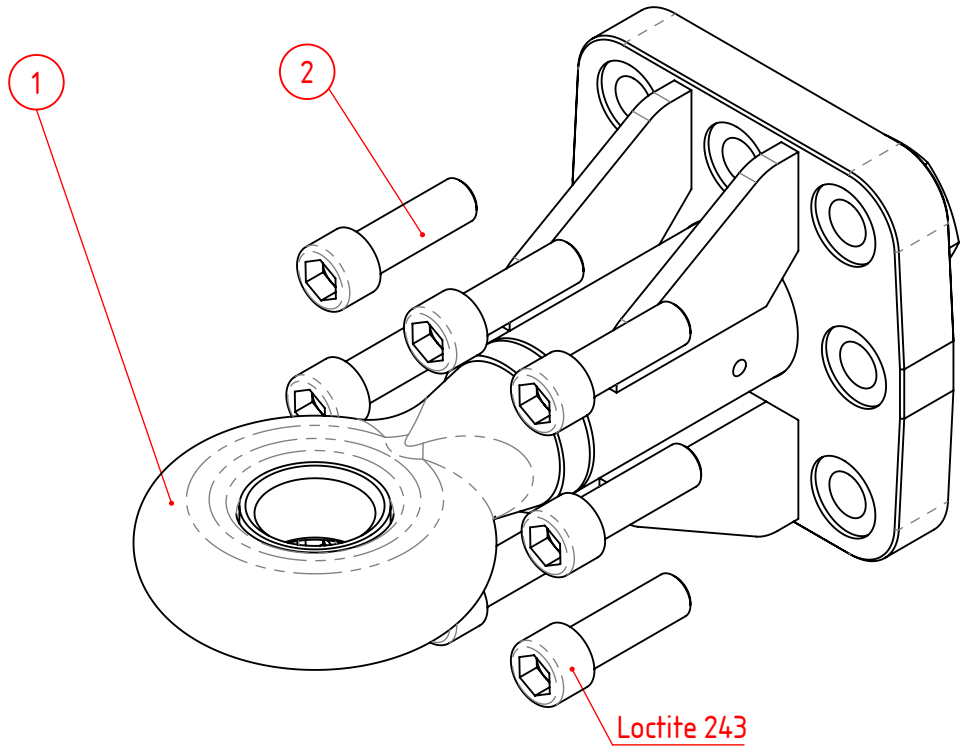
2	1	KR.30001296	Boutenset flenstrekoog	8x M16x50 kw. 10.9			
1	1	055.1300.42	Flenstrekoog 8-gaats Ø40 OFFSE	DIN 74054-40D 2000 kg 40 km/h			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Trekoog vast (40mm DIN) L-vorm met offset 100					
		Remarks Qty per Machine		Weight	PGM	Drawn	Sheet
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			15.90 kg	Scale	1:3	PCL 15-6-2015 PV 10-5-2017	1/1 -

055.1307-Zref

Rijsnelheid max 25 km/h
 Oplegdruk max 1500 kg
 totaal aanhangergewicht max 10.000 kg
 Gelijkend op ISO 5692-1

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2	1	KR.225000014	Set Cil.Inbusbout M16x50 10.9	Bolt Set	Schrauben Satz	8 stuks verz. fbv Fl
1	1	055.1307.01	Flenstrekoog 40mm draaibaar	Drawbar Eye with Flange	Flanschzugöse	10 ton max
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

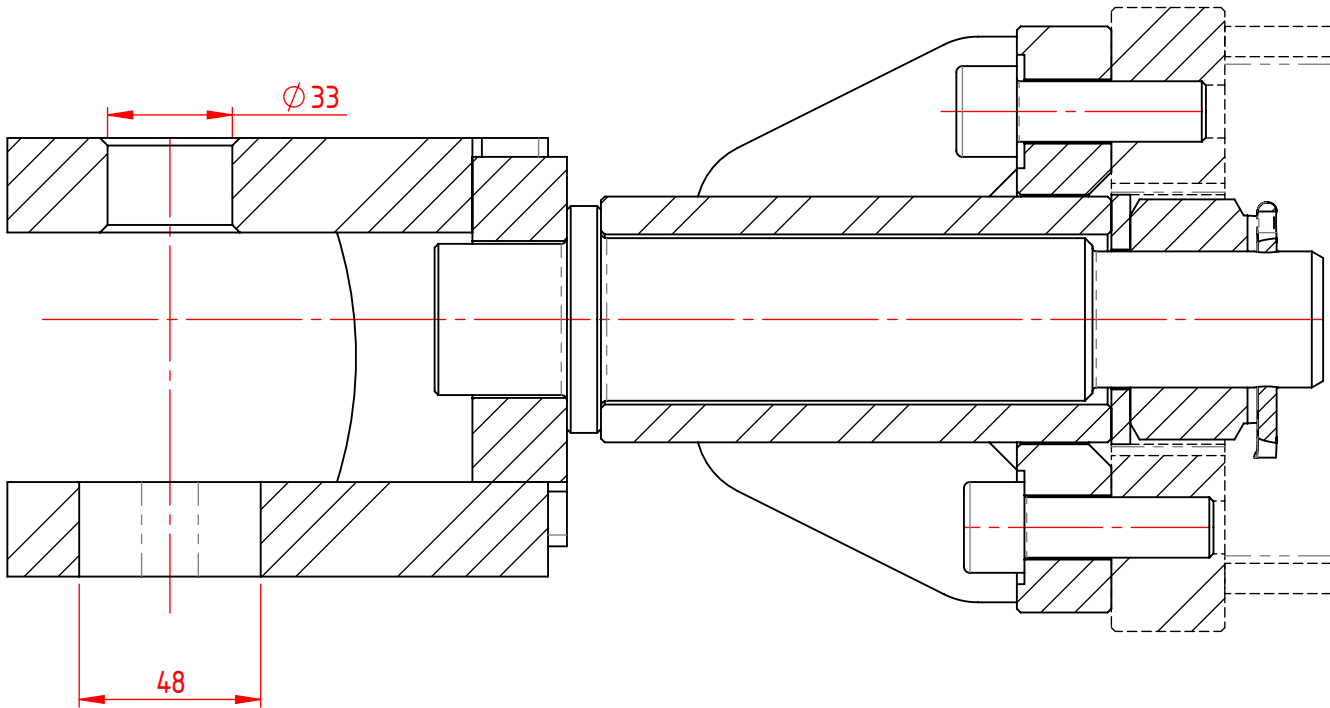
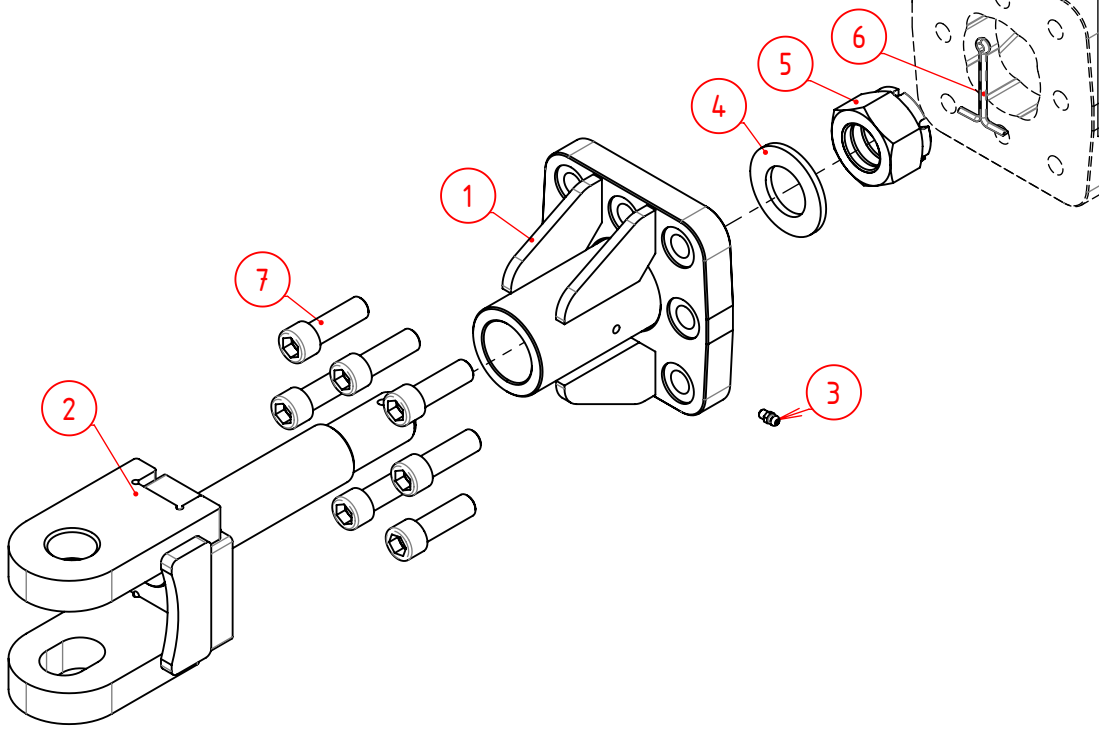
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Trekoog [Draaiioog 40mm] 10 Ton				
					055.1307	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 10637.54 kg	PGM Scale 1:2.5	Drawn PCL 3-9-2015 Release PV 10-5-2017	Sheet 1/1 Revision A

055.1315 - ZR6el

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7	1	KR.225000014	Set Cil.Inbusbout M16x50 10.9	8 stuks verz. tbv Flensrekoog			
6	1	90.946363	Splitpen 6.3x63				
5	1	90.9353615	Kroonmoer M36x1.50	Fijne spoed, klasse 6 DIN935			
4	1	90.125A36	Sluitering M36				
3	1	KR.GN61180	Vetnippel M6 180°				
2	1	055.1310.06	Gaffel USA	Cat. 1, Cat. 2 ISO 6489-3			
1	1	055.1310.02	Flensdeel USA Trekoog				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Gaffel USA (33mm)
Cat 1 & 2 ISO 6489-3

Remarks

Qty per Machine

Weight

78.91 kg

PGM

Scale

1:5

TRILO

055.1315

Drawn PCL 19-6-2017 Sheet 1/1

Release PCL 8-9-2017 Revision -

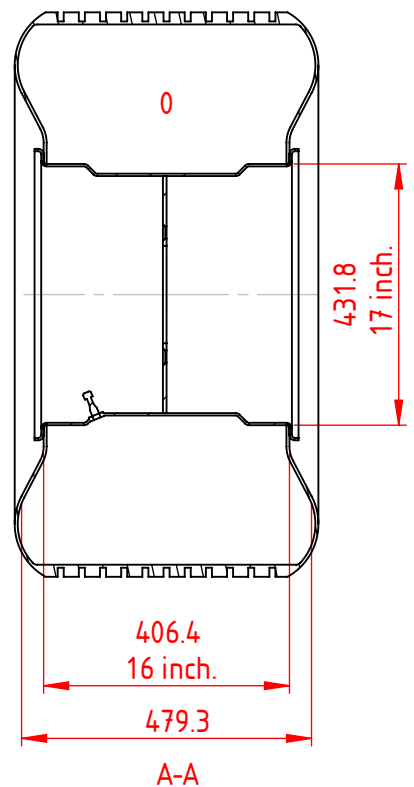
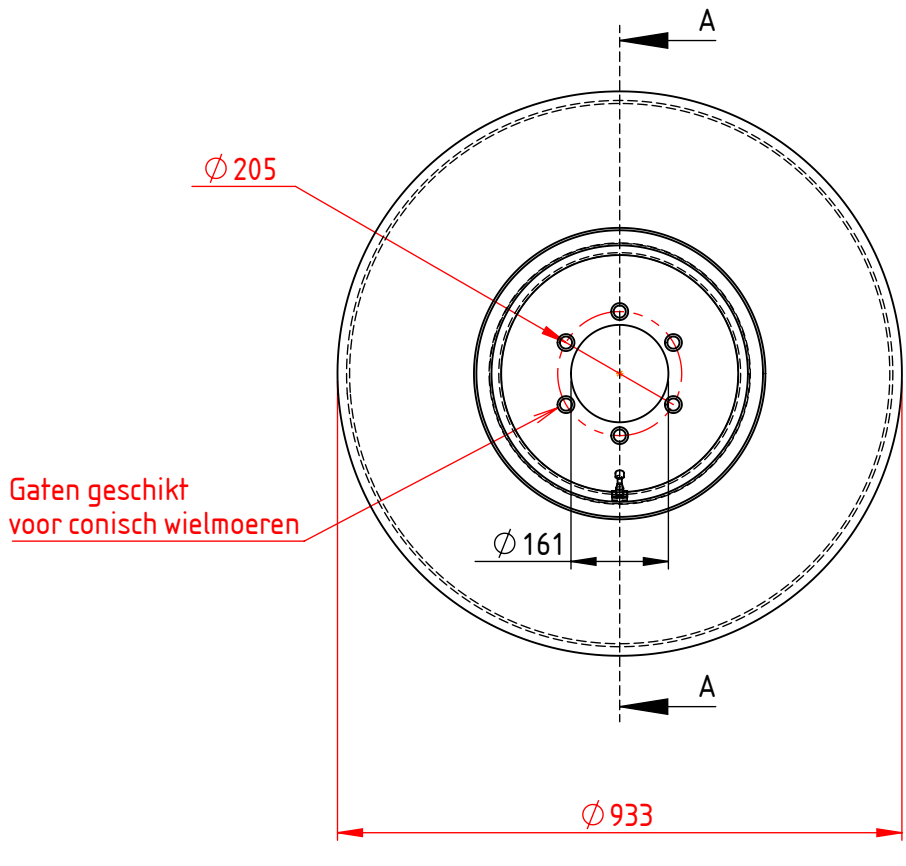
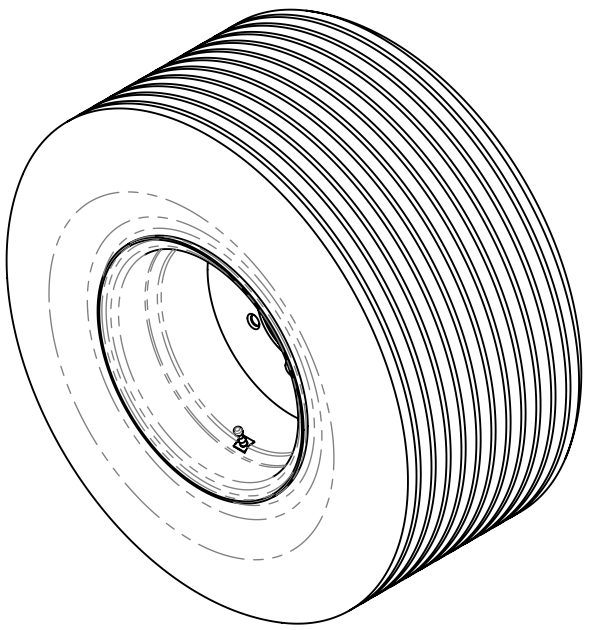
1003.0002.028 - Z-Ref

Continental Mehrzweckreifen (MPT) Radial

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Opmerking (PCL 18-4-2014)
 - bestemd voor S8 met wielas 70x1500

Tyre Specifications:	
Type	Tubeless
Pattern	Multiservice
Load index	149 D
65 km/h with HLV	
Load Capacity	2500 kgs
Inflation pressure	3.5 bar



3	1	-	Binnenband 500/50x17/tr15	Inner tube	Luftschlauch	
2	1	KR.5623080	Tubeless Ventiel	Nipple	Ventil	
1	1	-	Velg 16.00x17-6 ETO	Rim	Felge	
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

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 the Netherlands

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

DO NOT SCALE DRAWING

Wiel 500/50R17 Continental MPT

ETO 6/161/205 - 40km/h

Remarks	PGM	-	Drawn	TS	28-1-2015	Sheet	1/1
Qty per Machine	Weight	91.87 kg	Scale	1:12.5	Release	TS	22-3-2016

55.W500-50R17

056.0350-Zref

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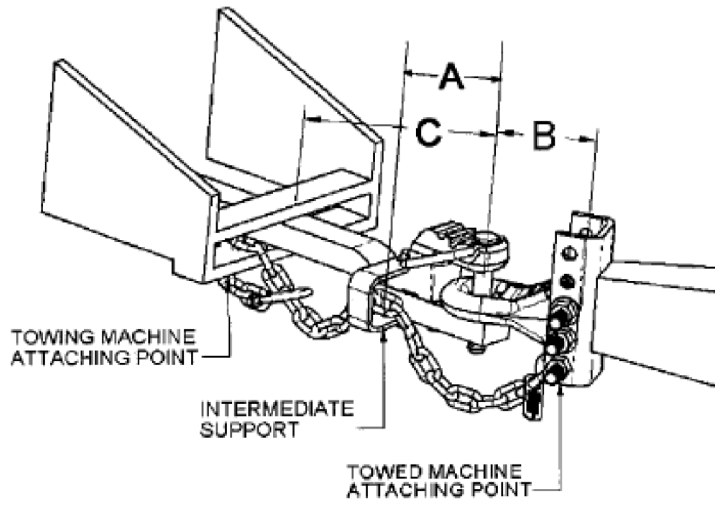
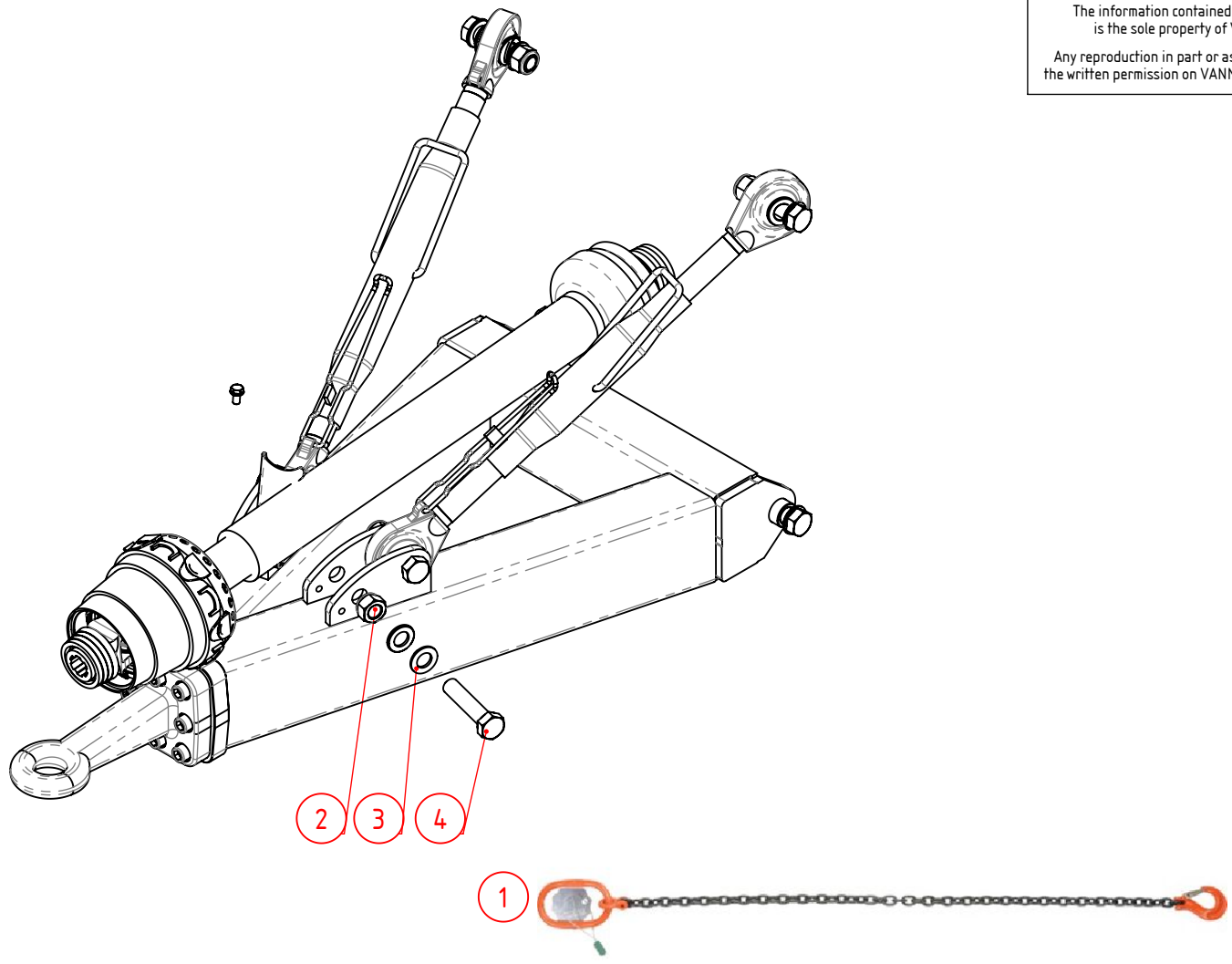
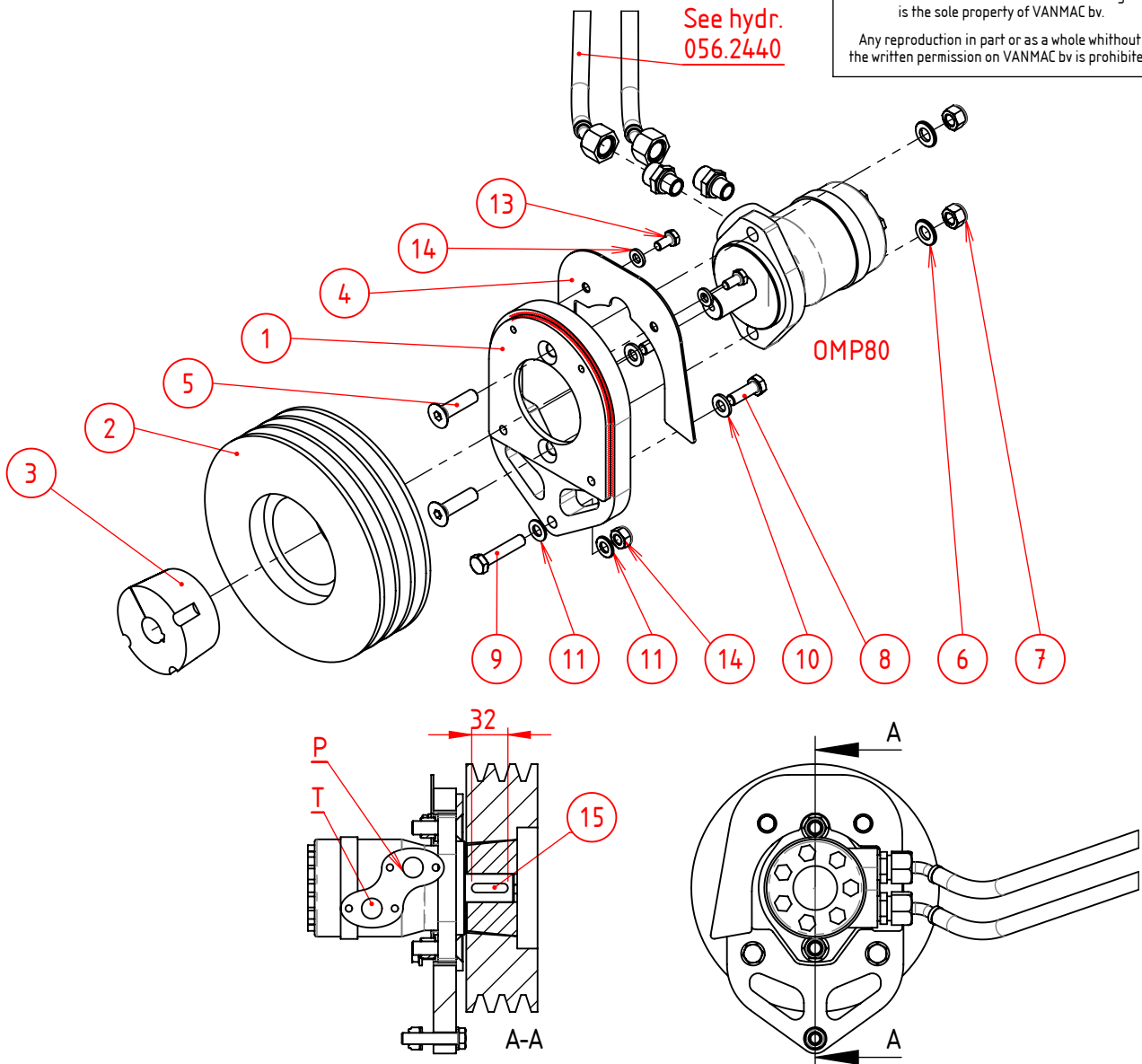


Figure 1 – Example auxiliary attaching system with intermediate support

4	1	90.93124120	Zeskantbout M24x120	Klasse 8.8			
3	2	90.125A24	Sluitring M24				
2	1	90.98524	Zelfborgende Moer M24				
1	1	KR.251111010	Sleepketting 10x30mm L=1m				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Sleepketting USA				
					056.0350	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 127.21 kg	PGM Scale 1:10	Drawn PCL 1-6-2015 Release PCL 12-6-2017	Sheet 1/1 Revision -

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See hydr.
056.2440

OMP80

15	1	90.68858730	Inlegsple 8x7x30				
14	2	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
13	2	90.933816	Tapbout M8x16				
12	1	90.98510	Zelfborgende Moer M10				
11	2	90.125A10	Sluistring M10				
10	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
9	1	90.9331050	Tapbout M10x50				
8	2	90.9331030	Tapbout M10x30				
7	2	90.98512	Zelfborgende Moer M12				
6	2	90.125A12	Sluistring M12				
5	2	90.79911245	Plat Verz.Inbusbout M12x45	10.9			
4	1	056.1001.48	Afschertrand				
3	1	KR.251725TL	Klembus TP 2517-Ø25				
2	1	KR.212B3TL	V-snaarschijf 212B-3 TL	Taperlock 2517			
1	1	056.1004.02	Flensplaat LSM Hydromotor				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Hydr. aandrijving borstelrotor
 System A,B,C

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	PCL 2-7-2015	1/1
Weight	1:6	Release	Revision
23.92 kg		TS 19-12-2017	-

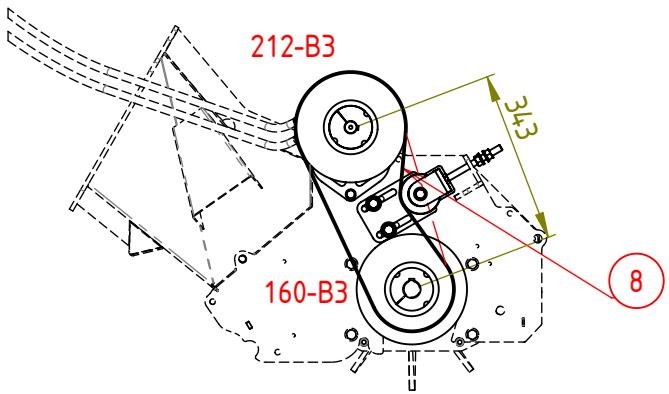
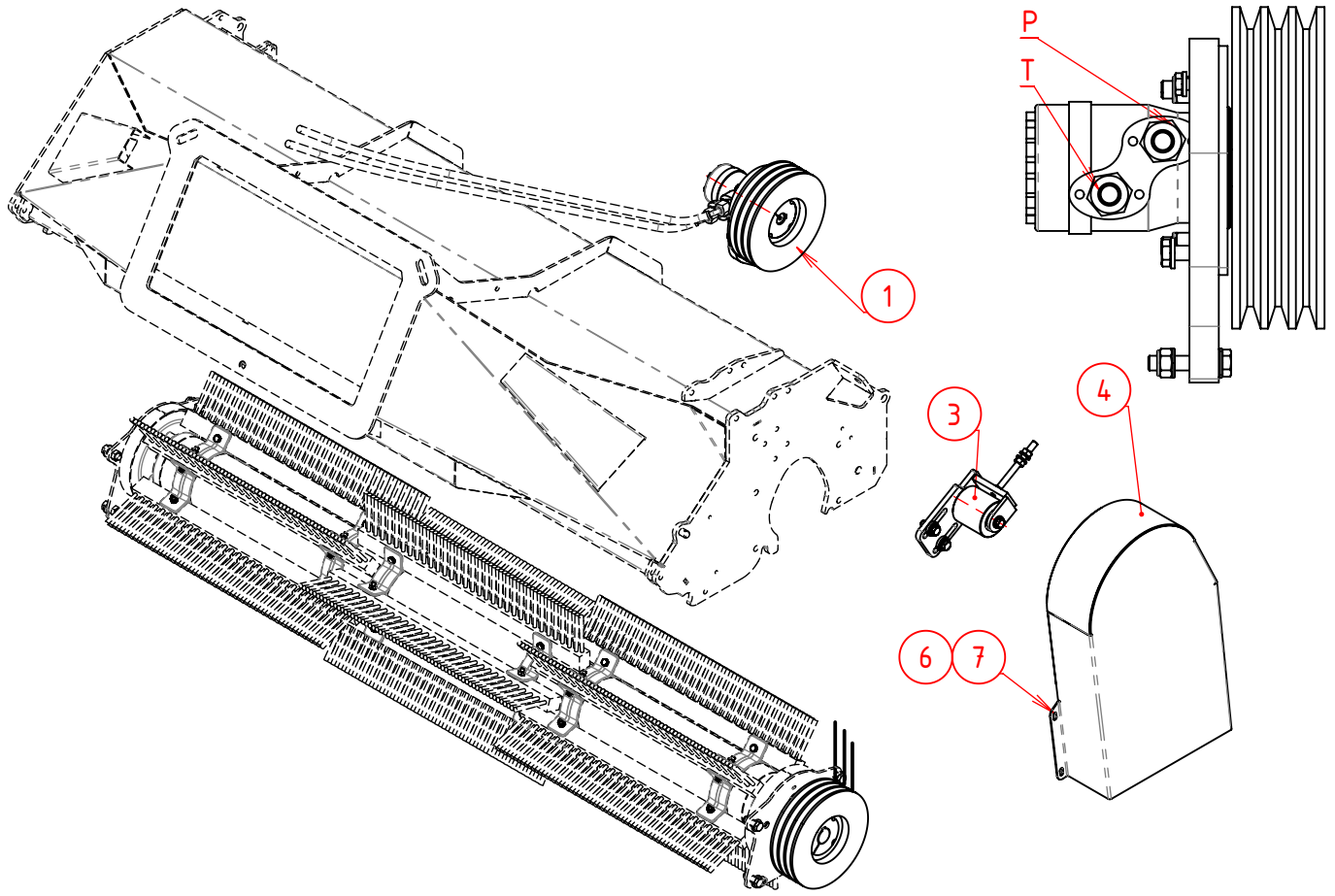
056.1004.04

056.1004-ZRef

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Kap 069.3200.80 was 056.1001.35	14-11-17	TS

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Opmerking

V-snaaroverbrenging bij hydraulische variant anders dan mech.
 212B3TL niet op Borstelrotor maar op hydromotor (zie 056.1004.04)
 en 160B3TL op borstelrotor.

XPB1320

Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
8	3	90.XPB1320	V-snaar XPB 1320				
7	3	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
6	3	90.933816	Tapbout M8x16				
4	1	069.3200.80	Beschermkap Borstelmond				
3	1	056.1006.29	Spanner cml	met draadeind			
1	1	056.1004.04	Hydr. aandrijving borstelrotor	Systeem A,B,C			

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

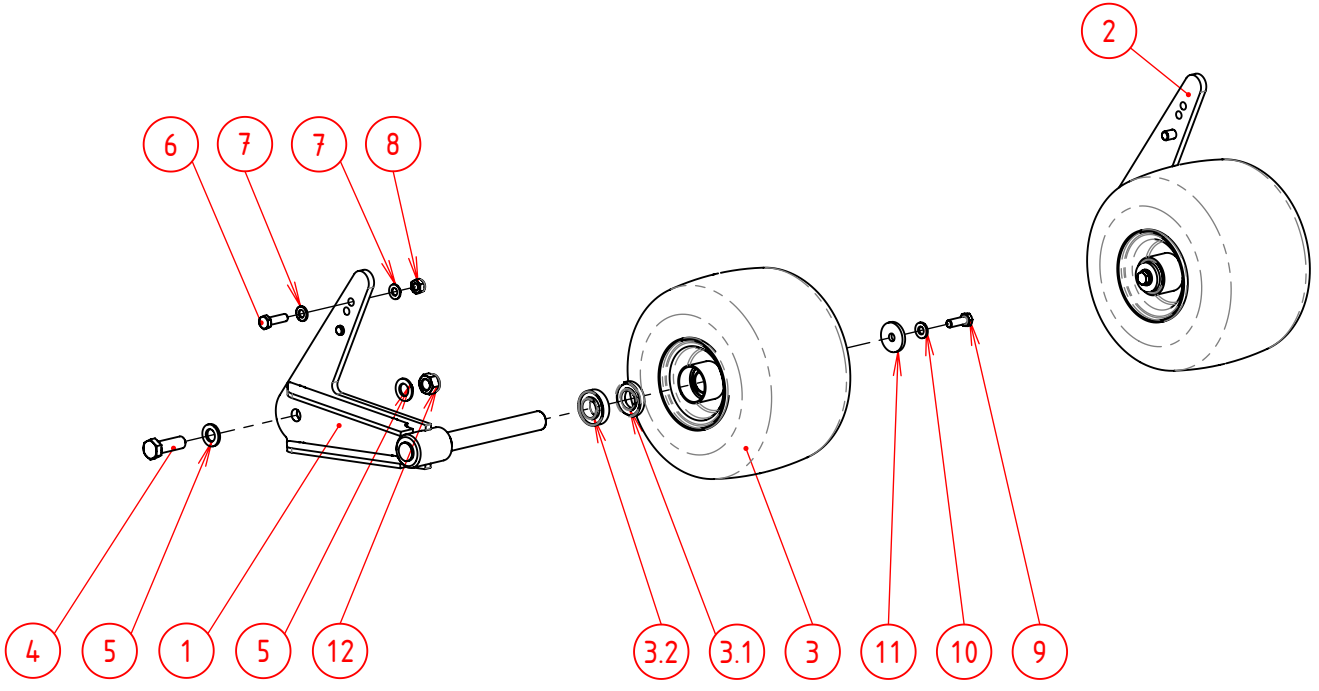
Aandrijving Borstelmond
 Hydraulisch, Systeem A,B,C

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	PCL 3-7-2015	1/1
Weight	1:15	Release	Revision
213.30 kg		TS 14-11-2017	A


056.1004

056.1006.05 - Zref

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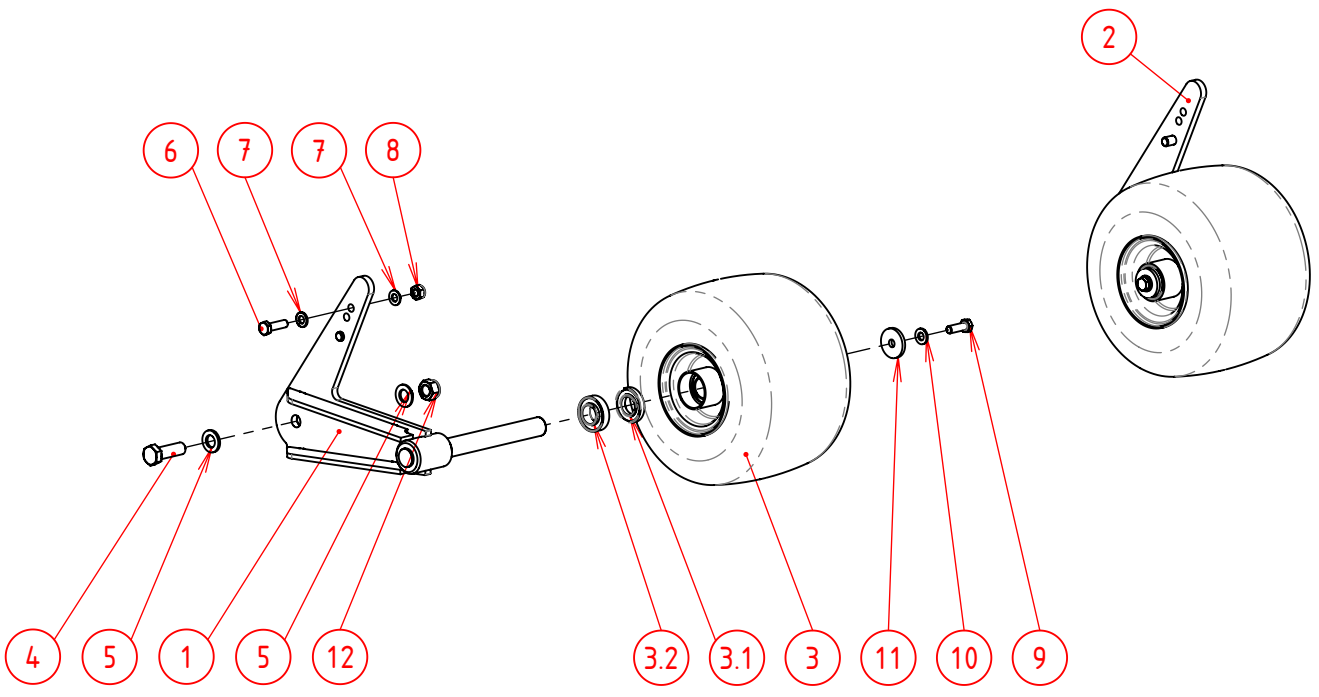
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
12	2	90.98516	Zelfborgende Moer M16				
11	2	08.01100	Schijf Ø40½x5- Ø10				
10	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
9	2	90.9331025	Tapbout M10x25				
8	2	90.98510	Zelfborgende Moer M10				
7	4	90.125A10	Sluitring M10				
6	2	90.9331035	Tapbout M10x35	8.8			
5	4	90.125A16	Sluitring M16				
4	2	90.9331650	Tapbout M16x50				
3.2	2	90.6005ZV	Lager 6005 ZV H8	T.b.v. velg 054.0600.17			
3.1	2	90.16005	Lager NTN 16005	T.b.v. velg 054.0600.17			
3	2	054.0600.17	Gazonband 11x7.00-4	incl Velg (kleur ALU)			
2	1	056.1006.04	Steunarm rechts	loopwiel achter			
1	1	056.1006.03	Steunarm links	loopwiel achter			

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		Remarks Qty per Machine	Weight 14.54 kg	PGM Scale 1:10	Drawn TS 19-2-2015 Release TS 12-9-2017	Sheet 1/1 Revision -

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

056.1006.06-ZRef

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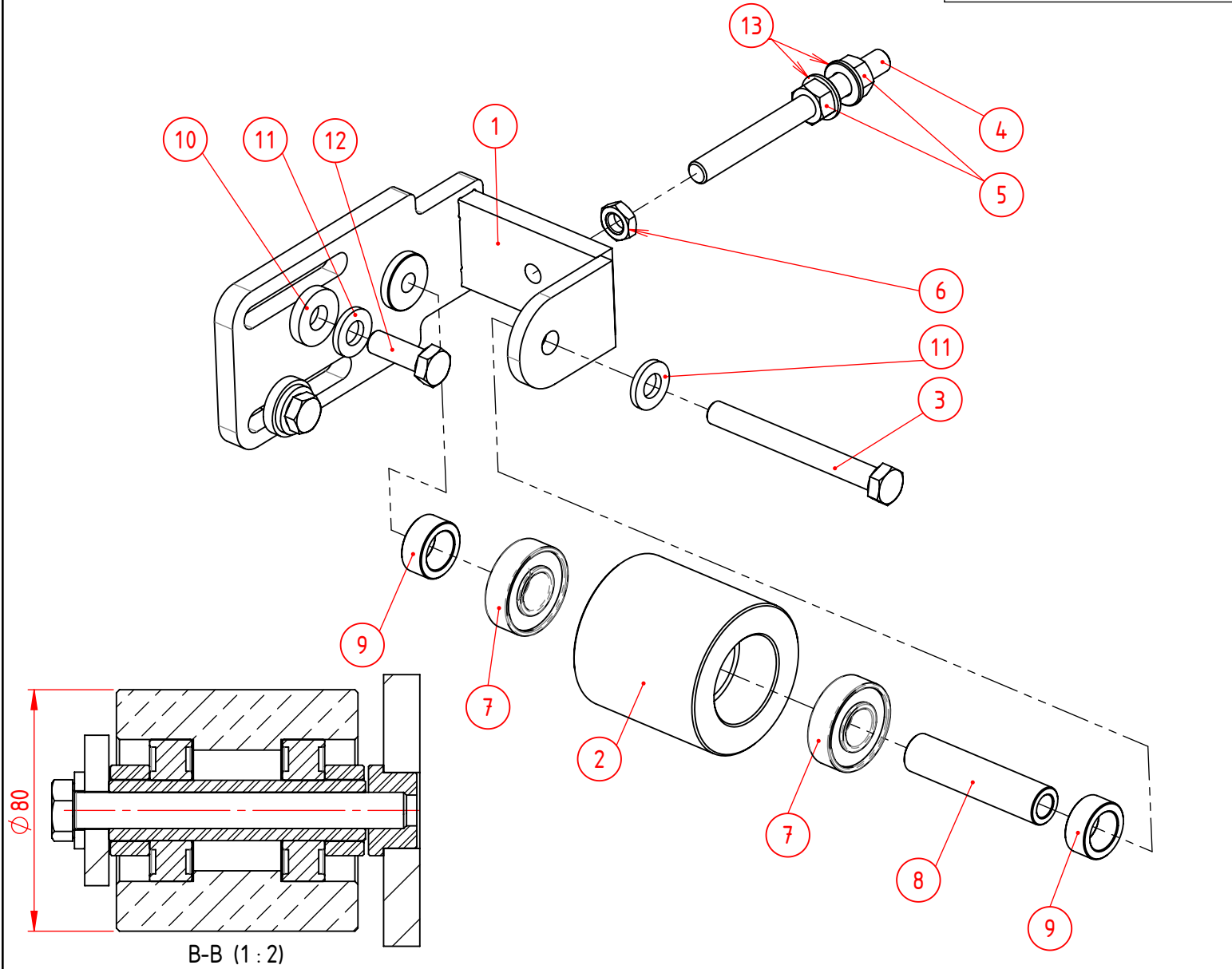


12	2	90.98516	Zelfborgende Moer M16				
11	2	08.01100	Schijf Ø40½x5- Ø10				
10	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
9	2	90.9331025	Tapbout M10x25				
8	2	90.98510	Zelfborgende Moer M10				
7	4	90.125A10	Sluitring M10				
6	2	90.9331035	Tapbout M10x35	8.8			
5	4	90.125A16	Sluitring M16				
4	2	90.9331650	Tapbout M16x50				
3.2	2	90.6005ZV	Lager 6005 ZV H8	T.b.v. velg 054.0600.17			
3.1	2	90.16005	Lager NTN 16005	T.b.v. velg 054.0600.17			
3	2	054.0600.17F	Gazonband 11x7.00-4	incl Velg, FOAM FILLED 7 kg			
2	1	056.1006.04	Steunarm rechts	loopwiel achter			
1	1	056.1006.03	Steunarm links	loopwiel achter			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Gazonwielen 11x7.00 achter, FOAM FILLED				
					056.1006.06	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 14.54 kg	PGM Scale 1:10	Drawn TS 12-9-2017 Release TS 12-9-2017	Sheet 1/1 Revision -

056.1006.29-ZRef

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Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
13	2	90.125A12	Sluistring M12				
12	2	90.9331235	Tapbout M12x35				
11	3	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
10	2	90.734912	Sluistring M12 dik	DIN 7349 Ø35x5			
9	2	056.1006.36	Bus spanrol				
8	1	056.1006.37	Tussenbus spanrol				
7	2	KR.62042RS	Lager 6204-2RS				
6	1	90.93612	Lage Moer M12				
5	2	90.93412	Moer M12				
4	1	056.1006.46	Draadeind M12 L=140				
3	1	90.93112110	Zeskantbout M12x110	1			
2	1	056.1006.35	Spanrol aluminium				
1	1	056.1006.31	Spanner LSM				

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Spanner cmpl

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 4-10-2017	1/1
Weight	1:3	Release	Revision
3.17 kg		TS 4-10-2017	-

TRILO

056.1006.29

056.1006.30 - Zref

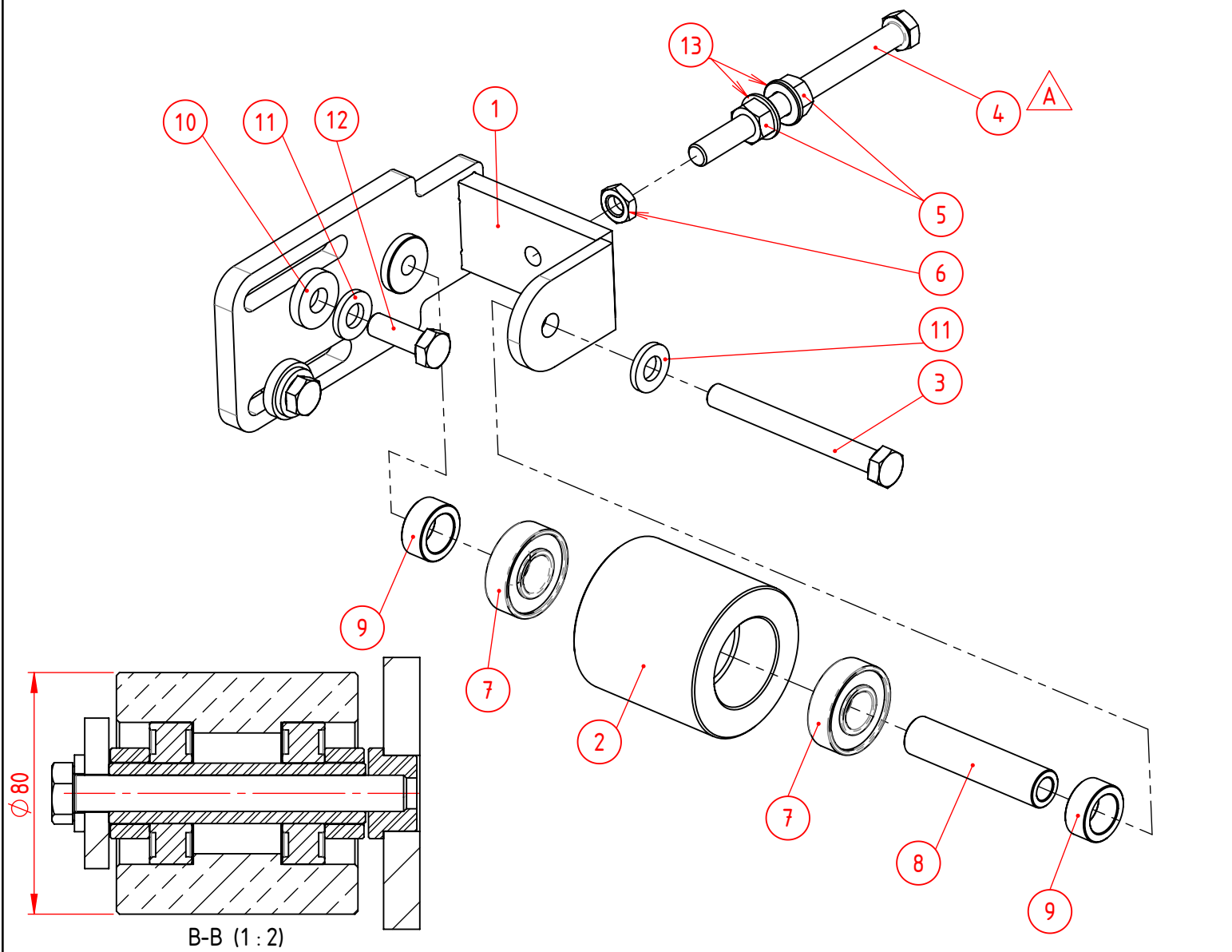
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	bout gewijzigd van M12x100 naar M12x150	2-6-2017	PCL
B	Pos. 12 was M12x30 (ivm dikker grondplaat spanner)	04-10-17	TS

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Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
13	2	90.125A12	Sluistring M12				
12	2	90.9331235	Tapbout M12x35				
11	3	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
10	2	90.734912	Sluistring M12 dik	DIN 7349 Ø35x5			
9	2	056.1006.36	Bus spanrol				
8	1	056.1006.37	Tussenbus spanrol				
7	2	KR.62042RS	Lager 6204-2RS				
6	1	90.93612	Lage Moer M12				
5	2	90.93412	Moer M12				
4	1	90.93312150	Tapbout M12x150				
3	1	90.93112110	Zeskantbout M12x110				
2	1	056.1006.35	Spanrol aluminium				
1	1	056.1006.31	Spanner LSM				

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the Netherlands

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

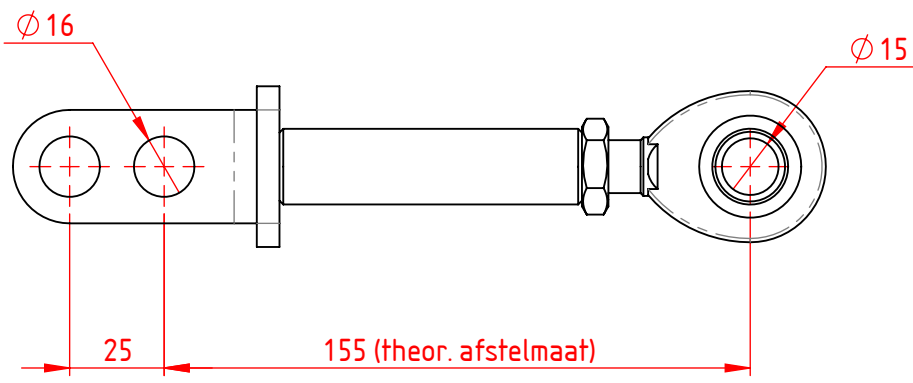
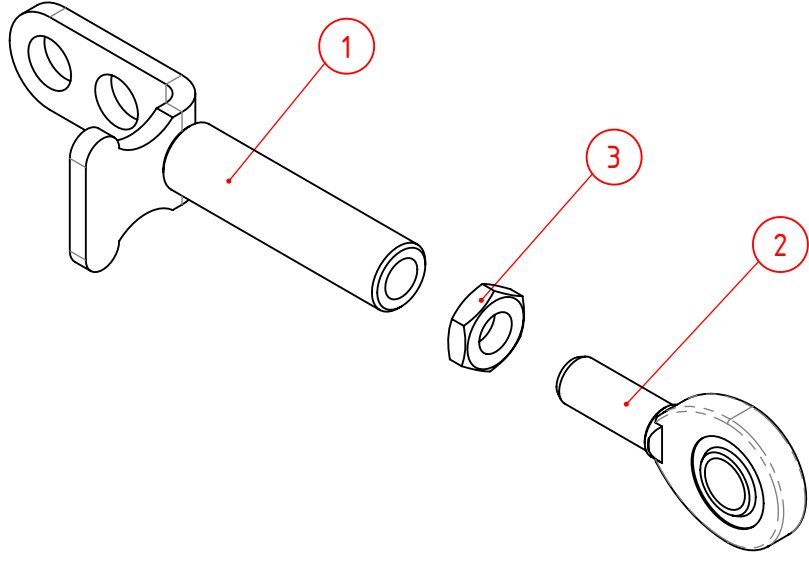
Spanner cmpl

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 19-2-2015	1/1
Weight	1:3	Release	Revision
3.18 kg		TS 4-10-2017	B


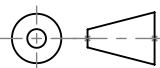
TRILO

056.1006.30

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3	1	90.93614	Lage Moer M14				
2	1	90.GAR15D0	Stangkop D15-M14	Buitendraad			
1	1	056.1006.40	Verstelling Klapneus				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

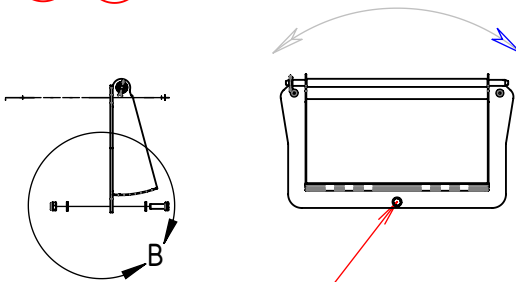
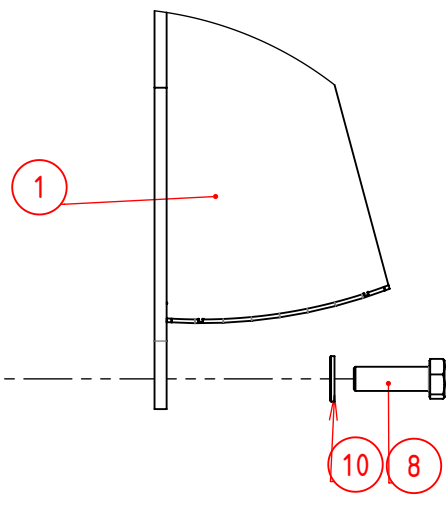
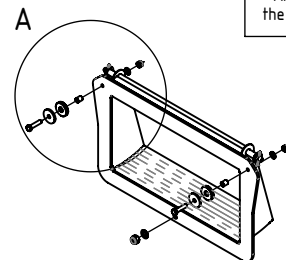
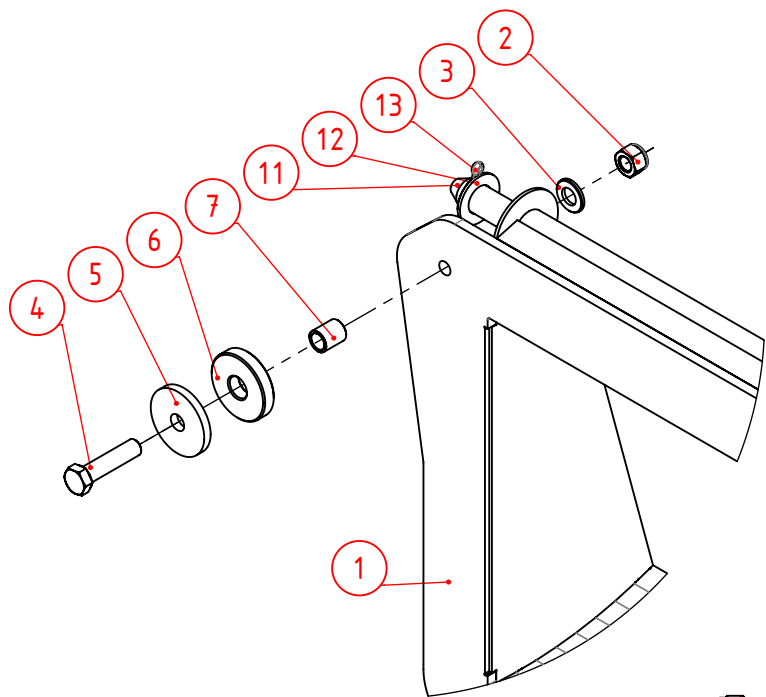
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cL Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Verstelling klapneus cmpl.			 056.1006.42	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 0.44 kg	PGM Scale 1:2

056.1011-2Rev

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Bouten bovenzijde van M10 naar M12	13-08-15	TS

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Tighten bolt until swing part (position 1) is
 Free moving - without gap

Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
13	2	90.94536	Splitpen 5x36				
12	2	90.125A20	Sluitring M20				
11	1	056.2101.40	Pen Ø20 L=735	Klep kast			
10	2	90.125A16	Sluitring M16				
9	1	90.98516	Zelfborgende Moer M16				
8	1	90.9331645	Tapbout M16x45	8.8			
7	2	056.1011.07	Bus Ø16x2 L=19	Pendelstuk			
6	2	15.10063	Schijf Ø50x16 L=10 Nylon				
5	2	15.162080	Schijf Ø50x6 Gat Ø12.5				
4	2	90.9311250	Zeskantbout M12x50				
3	2	90.125A12	Sluitring M12				
2	2	90.98512	Zelfborgende Moer M12				
1	1	056.1011.01	Pendelstuk lsm	dikke as			

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Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

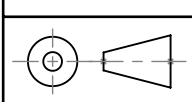
Pendelstuk, as 20
S8-S20



056.1011

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

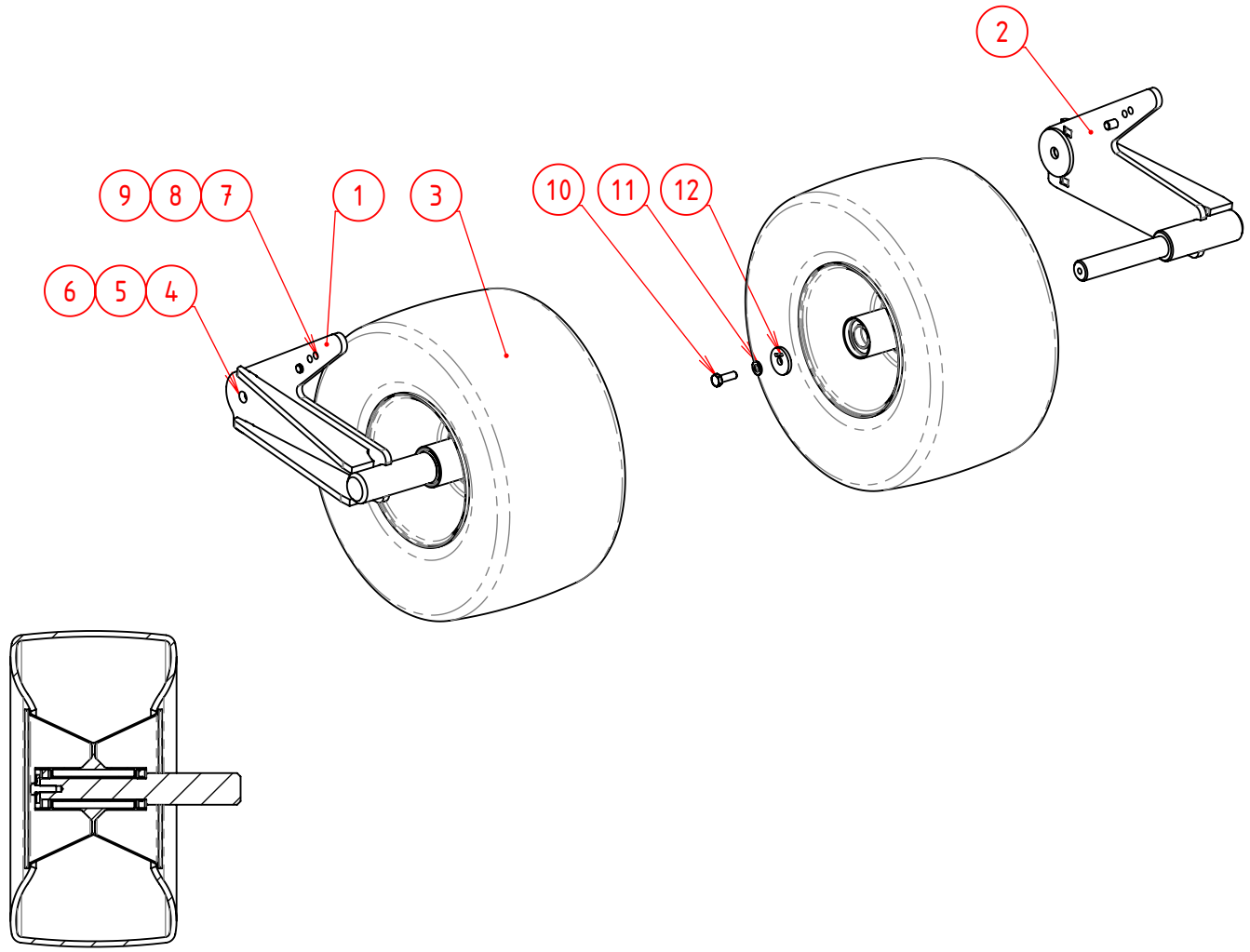
Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 11-2-2015	1/1
Weight	1:25	Release	Revision
14305.02 kg		TS 11-1-2018	A

056.1029-ZRef

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Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
12	2	08.01100	Schijf Ø40½x5- Ø10				
11	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
10	2	90.9331025	Tapbout M10x25				
9	2	90.98510	Zelfborgende Moer M10				
8	4	90.125A10	Sluistring M10				
7	2	90.9331035	Tapbout M10x35	8.8			
6	2	90.98516	Zelfborgende Moer M16				
5	4	90.125A16	Sluistring M16				
4	2	90.9331650	Tapbout M16x50				
3.1	2	KR.60062RS	Lager 6006-2RS				
3	2	056.1103.01	Gaffelwiel+band 18x9.50-8 4PR	Slicks			
2	1	056.1029.06	Hoogteverstelling Re Achter	Gazonband 18x9.50			
1	1	056.1029.03	Hoogteverstelling Li Achter	Gazonband 18x9.50			

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Gazonwielen 18x9.50 Achter, luchtgevuld				
					056.1029	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 23.31 kg	PGM Scale 1:10	Drawn TS 7-11-2016 Release TS 7-11-2016	Sheet 1/1 Revision -

056.1031.19 - ZRcl

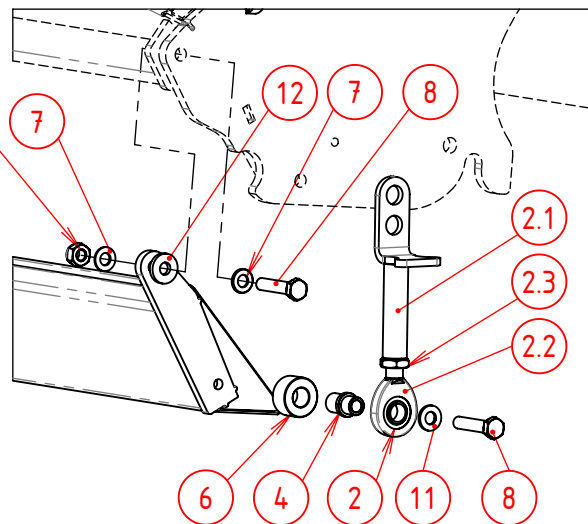
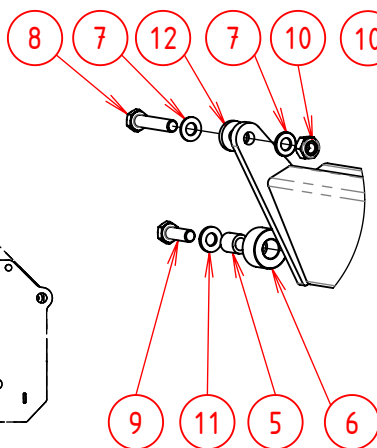
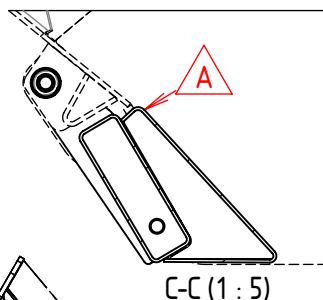
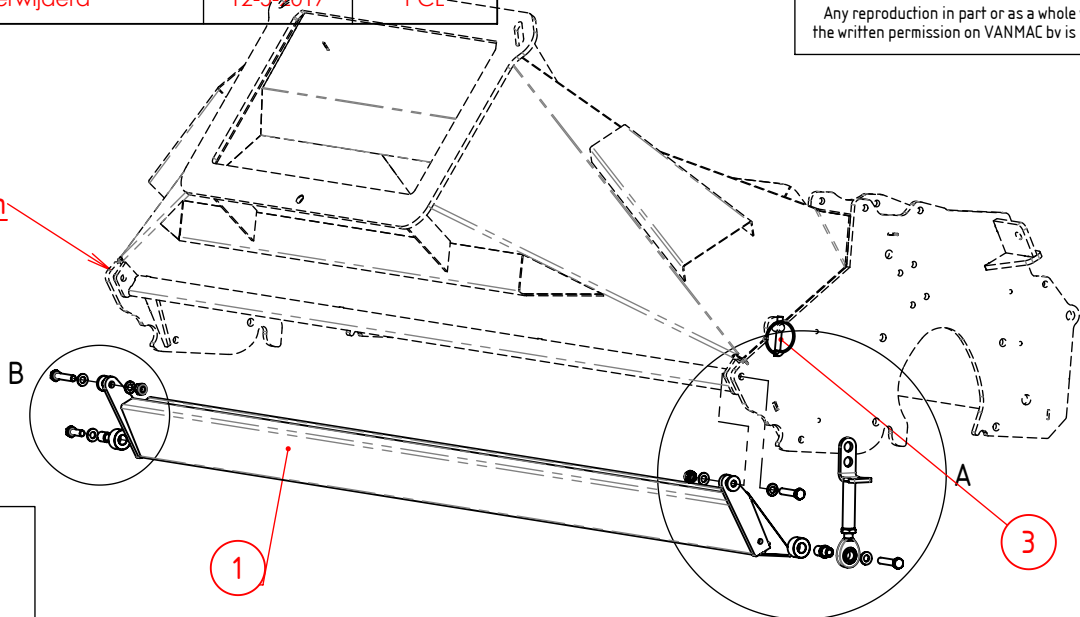
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	opstaande rand verwijderd	12-5-2017	PCL

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Scharnierpunten inklemmen



12	2	90.734910	Carr.Ring M10 Dik				
11	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
10	2	90.98510	Zelfborgende Moer M10				
9	1	90.9331030	Tapbout M10x30				
8	3	90.9331050	Tapbout M10x50				
7	6	90.125A10	Sluitring M10				
6	2	056.1006.87	Kunststof bus Ø33xØ16 L=18				
5	1	45.10480	Bus Ø16x3 L=18				
4	1	056.1006.88	Bus Ø15/20/16-10 L=34				
3	1	KR.LP4Z	Borgclip 4mm				
2.3	1	90.93614	Lage Moer M14				
2.2	1	90.GAR15D0	Stangkop D15-M14	Buitendraad			
2.1	1	056.1006.40	Verstelling Klapneus				
2	1	056.1006.42	Verstelling klapneus compl.				
1	1	056.1031.40	Neusstuk lsm 1.80m	met vlakke onderzijde			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

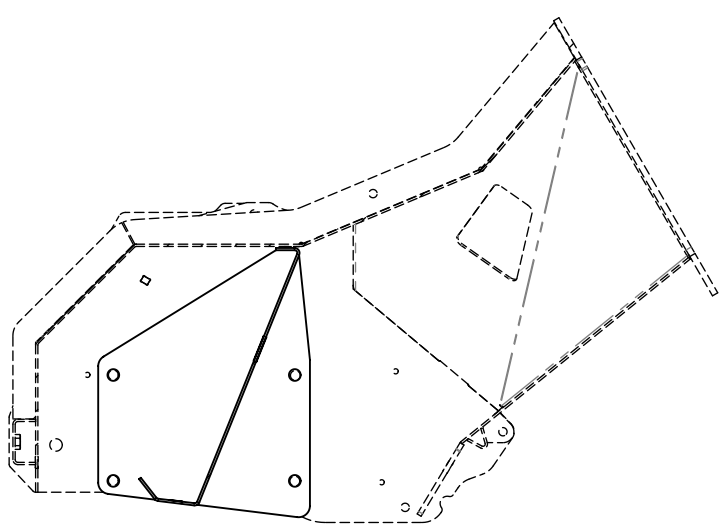
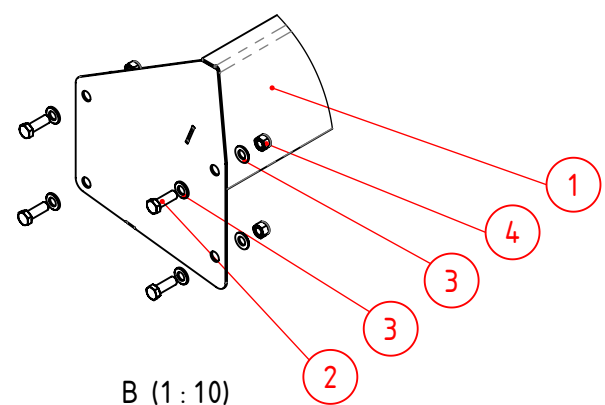
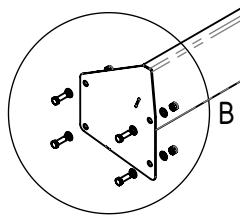
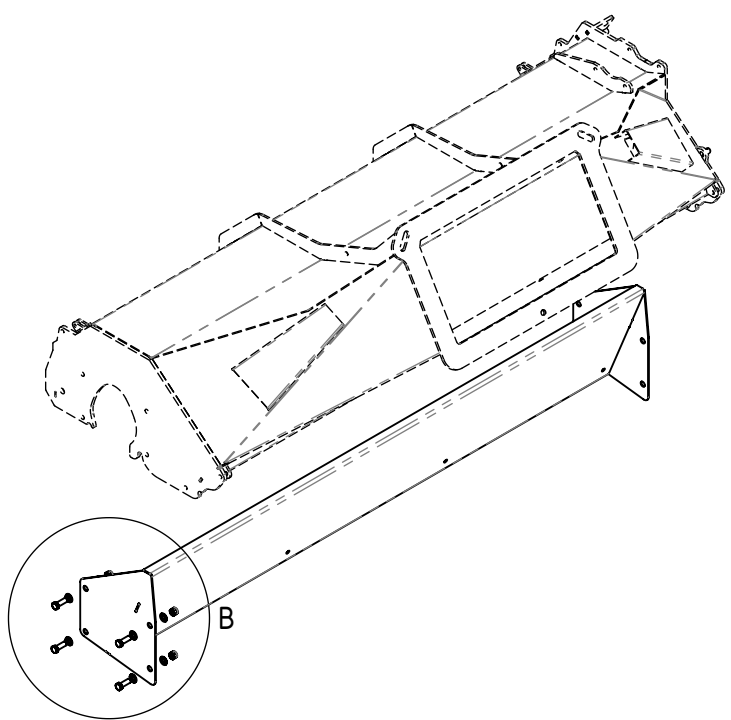
Neusstuk 1.80m

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 3-9-2015	1/1
Weight	1:12.5	Release	Revision
125.89 kg		PCL 12-5-2017	A

056.1031.19

056.1031.33 - Rev C

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A-A (1 : 10)

4	8	90.9331235	Tapbout M12x35				
3	8	90.98512	Zelfborgende Moer M12				
2	16	90.125A12	Sluiring M12				
1	1	056.1031.32	Inzetstuk 1.80m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK


Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Inzetstuk Borstelmond 1.80m

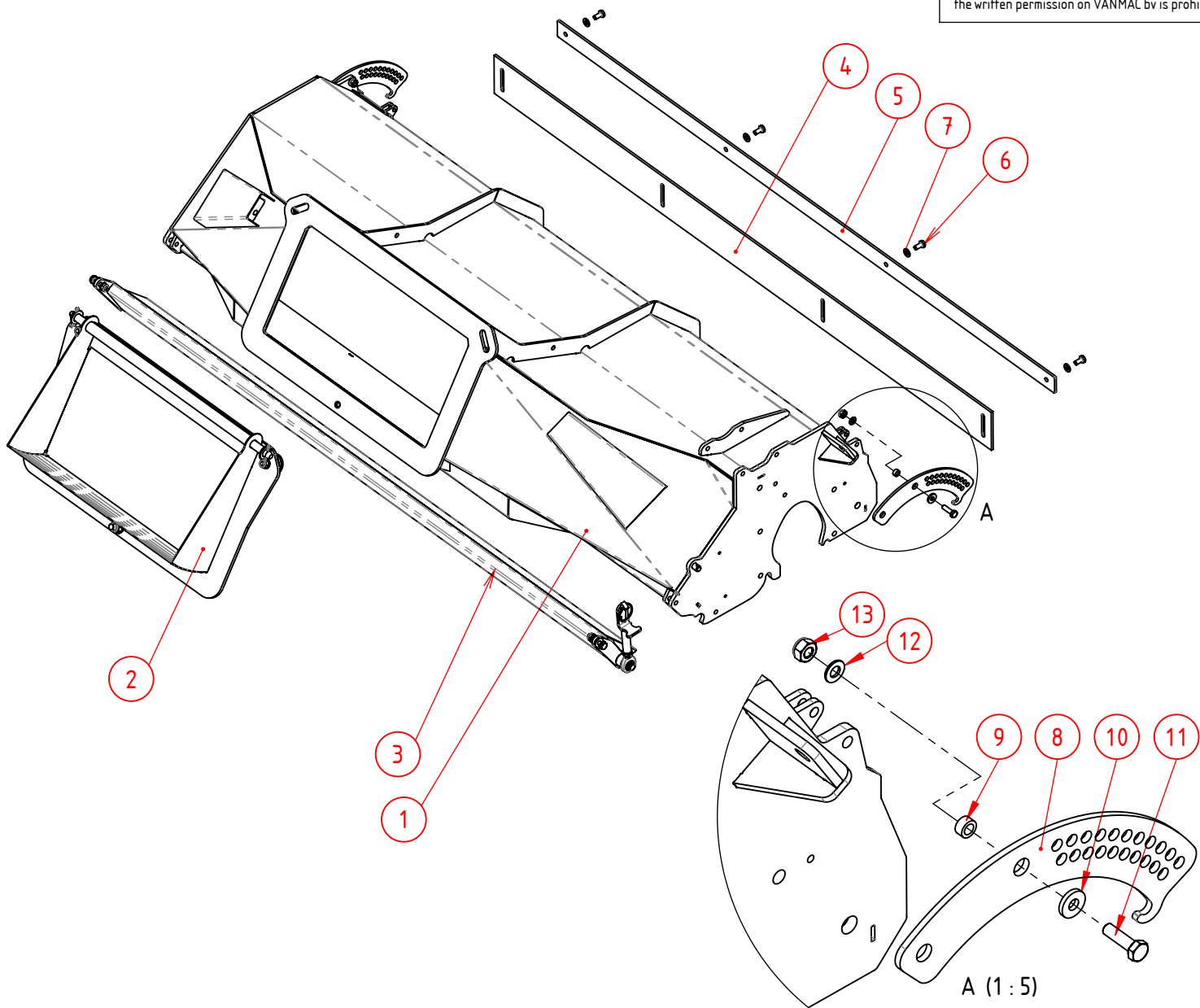
Remarks		PGM	Drawn	Sheet
Qty per Machine	Weight	Scale	STAGE 17-6-2015	1/1
	94.67 kg	1:50	Release	Revision
			STAG 17-6-2015	-



056.1031.33

056.1031-ZRef

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13	2	90.98510	Zelfborgende Moer M10				
12	2	90.125A10	Sluitering M10				
11	2	90.9331040	Tapbout M10x40				
10	2	90.734910	Carr.Ring M10 Dik				
9	2	056.1001.21	Bus Ø16x3 L=8				
8	2	056.1006.86	Verstelstrip	curved			
7	4	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
6	4	90.9331025	Tapbout M10x25				
5	1	056.1031.11	Klemprofiel				
4	1	056.1031.14	Rubber flap	1.80m			
3	1	056.1031.19	Neusstuk 1.80m				
2	1	056.1011	Pendelstuk, as 20	S8-S20			
1	1	056.1031.06	Borstelmond 1.80m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Borstelmond 1.80m (basis)

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 2-3-2015	1/1
Weight	1:15	Release	Revision
112.58 kg	1:15	STAG 18-4-2016	-

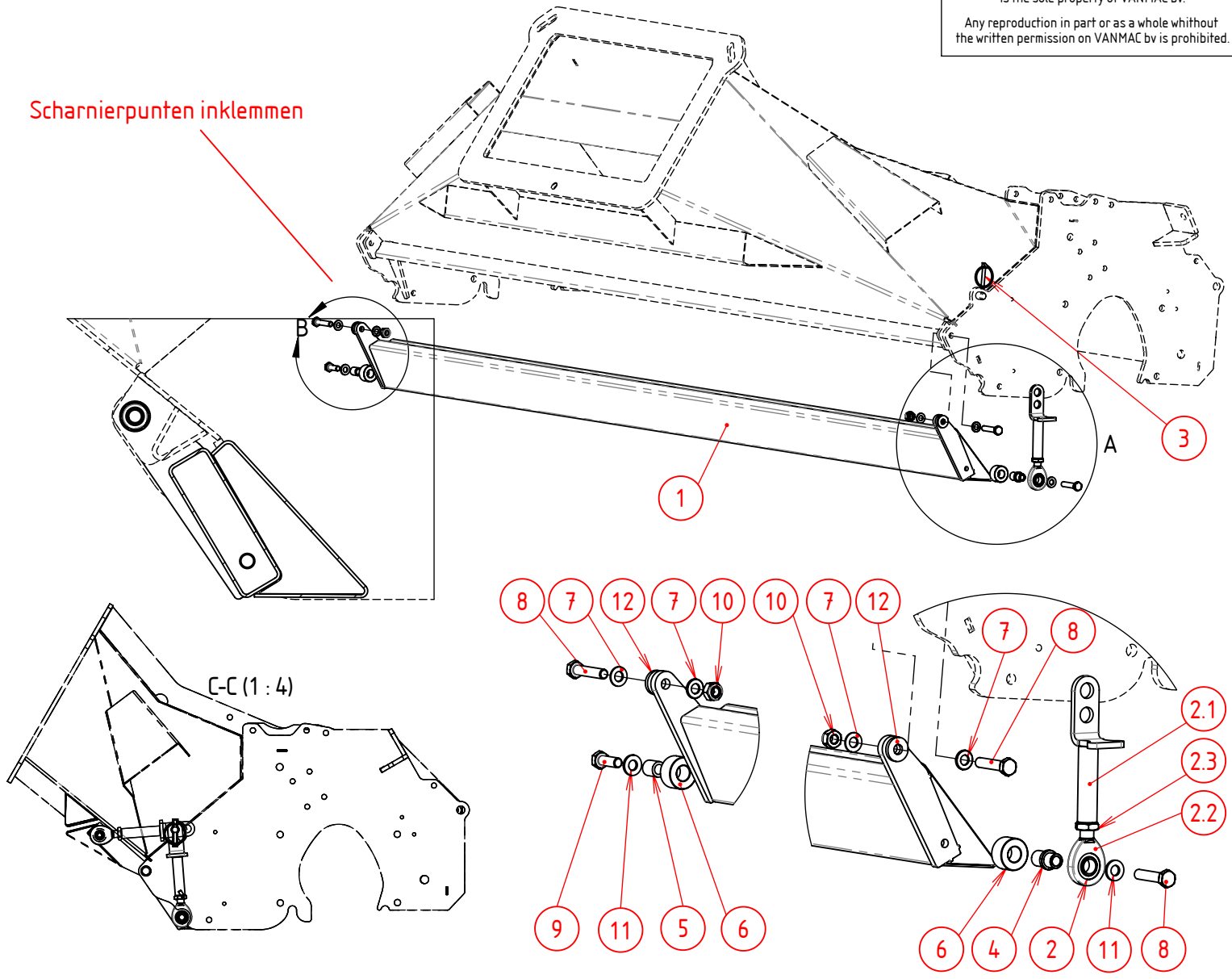
TRILO

056.1031

056.1041.19 - ZReel

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Scharnierpunten inklemmen



12	2	90.734910	Carr.Ring M10 Dik				
11	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
10	2	90.98510	Zelfborgende Moer M10				
9	1	90.9331030	Tapbout M10x30				
8	3	90.9331050	Tapbout M10x50				
7	6	90.125A10	Sluitring M10				
6	2	056.1006.87	Kunststof bus Ø33xØ16 L=18				
5	1	45.10480	Bus Ø16x3 L=18				
4	1	056.1006.88	Bus Ø15/20/16-10 L=34				
3	1	KR.LP4Z	Borgclip 4mm				
2.3	1	90.93614	Lage Moer M14				
2.2	1	90.GAR15D0	Stangkop D15-M14	Buitendraad			
2.1	1	056.1006.40	Verstelling Klapneus				
2	1	056.1006.42	Verstelling klapneus compl.				
1	1	056.1041.40	Neusstuk lsm 2.10m	met vlakke onderzijde			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Neusstuk 2.10m

Remarks

Qty per Machine

Weight

140.25 kg

PGM

Scale

1:12.5

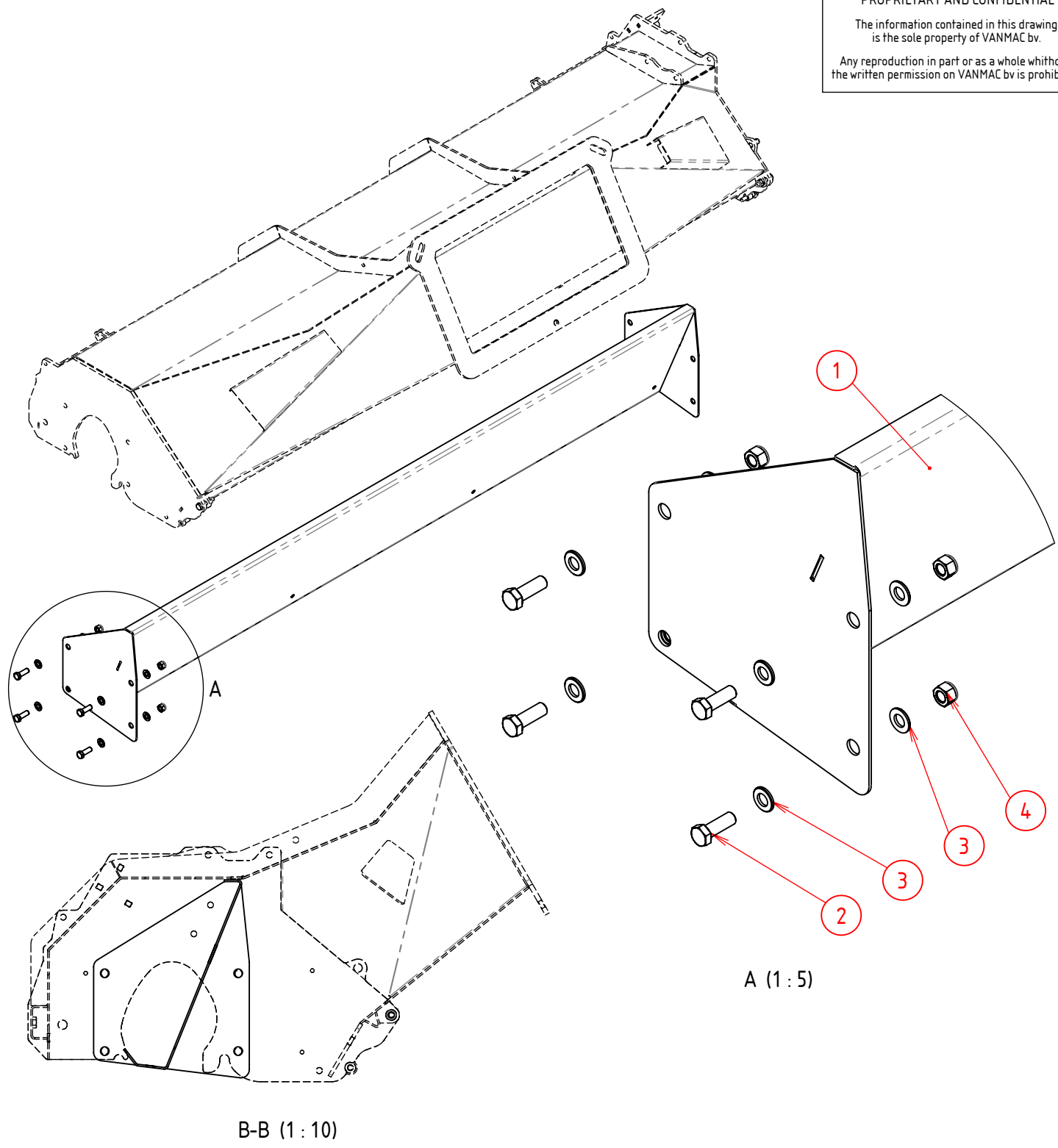
TRILO

056.1041.19

Drawn TS 3-9-2015 Sheet 1/1

Release TS 15-9-2017 Revision -

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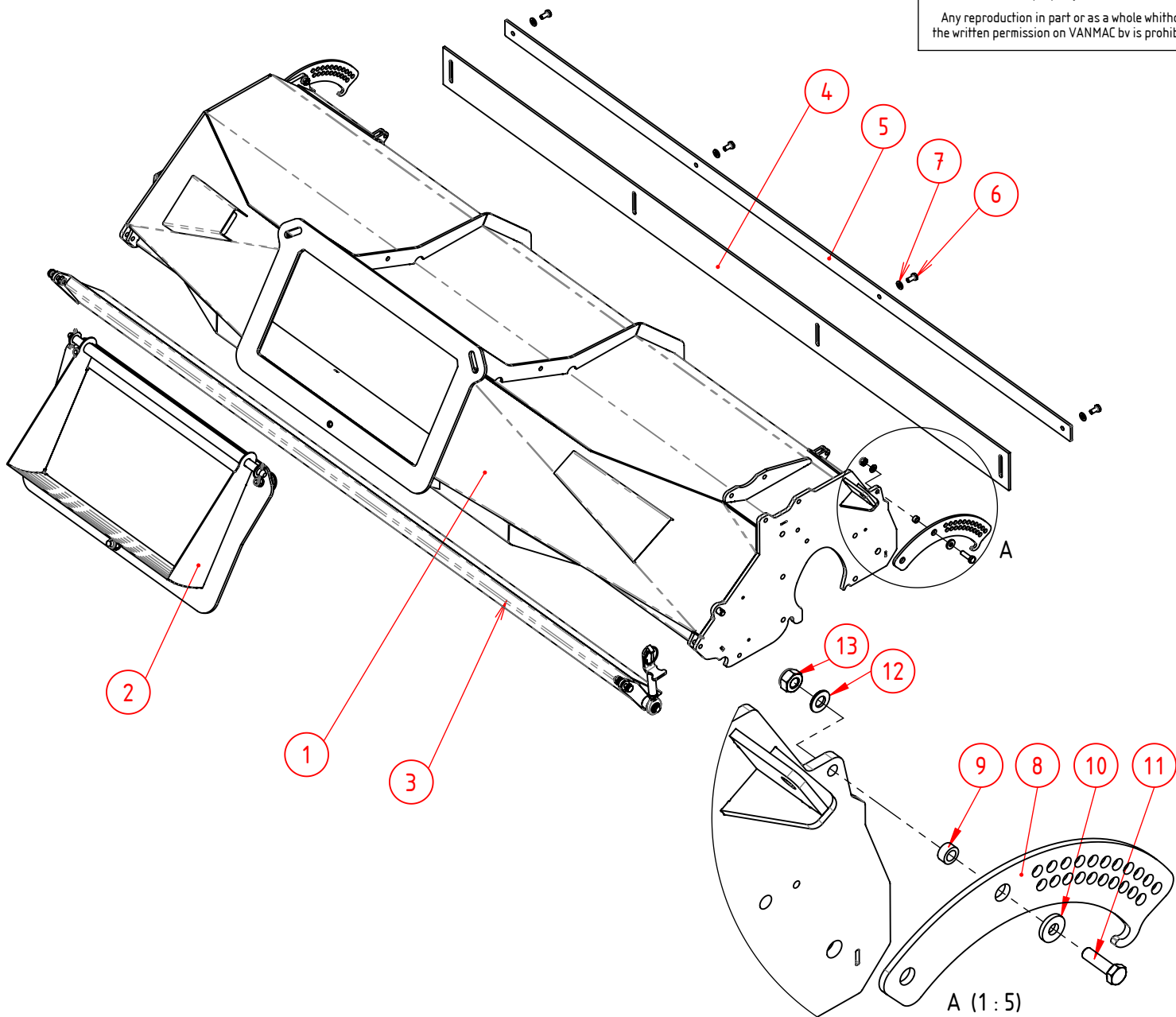
4	8	90.98512	Zelfborgende Moer M12				
3	16	90.125A12	Sluitring M12				
2	8	90.9331225	Tapbout M12x25				
1	1	056.1041.32	Inzetstuk 2.10m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cL Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Inzetstuk Borstelmond 2.10m					
					Remarks Qty per Machine	Weight 142.48 kg	PGM Scale 1:15

056.1041.33

056.1041-ZRef

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13	2	90.98510	Zelfborgende Moer M10				
12	2	90.125A10	Sluitring M10				
11	2	90.9331040	Tapbout M10x40				
10	2	90.734910	Carr.Ring M10 Dik				
9	2	056.1001.21	Bus Ø16x3 L=8				
8	2	056.1006.86	Verstelstrip	curved			
7	4	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
6	4	90.9331025	Tapbout M10x25				
5	1	056.1041.11	Klemprofiel				
4	1	056.1041.14	Rubber flap	2.10m			
3	1	056.1041.19	Neusstuk 2.10m				
2	1	056.1011	Pendelstuk, as 20	S8-S20			
1	1	056.1041.06	Borstelmond 2.10m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Borstelmond 2.10m (basis)

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 18-2-2015	1/1
Weight	1:15	Release	Revision
162.05 kg		STAG 18-4-2016	-

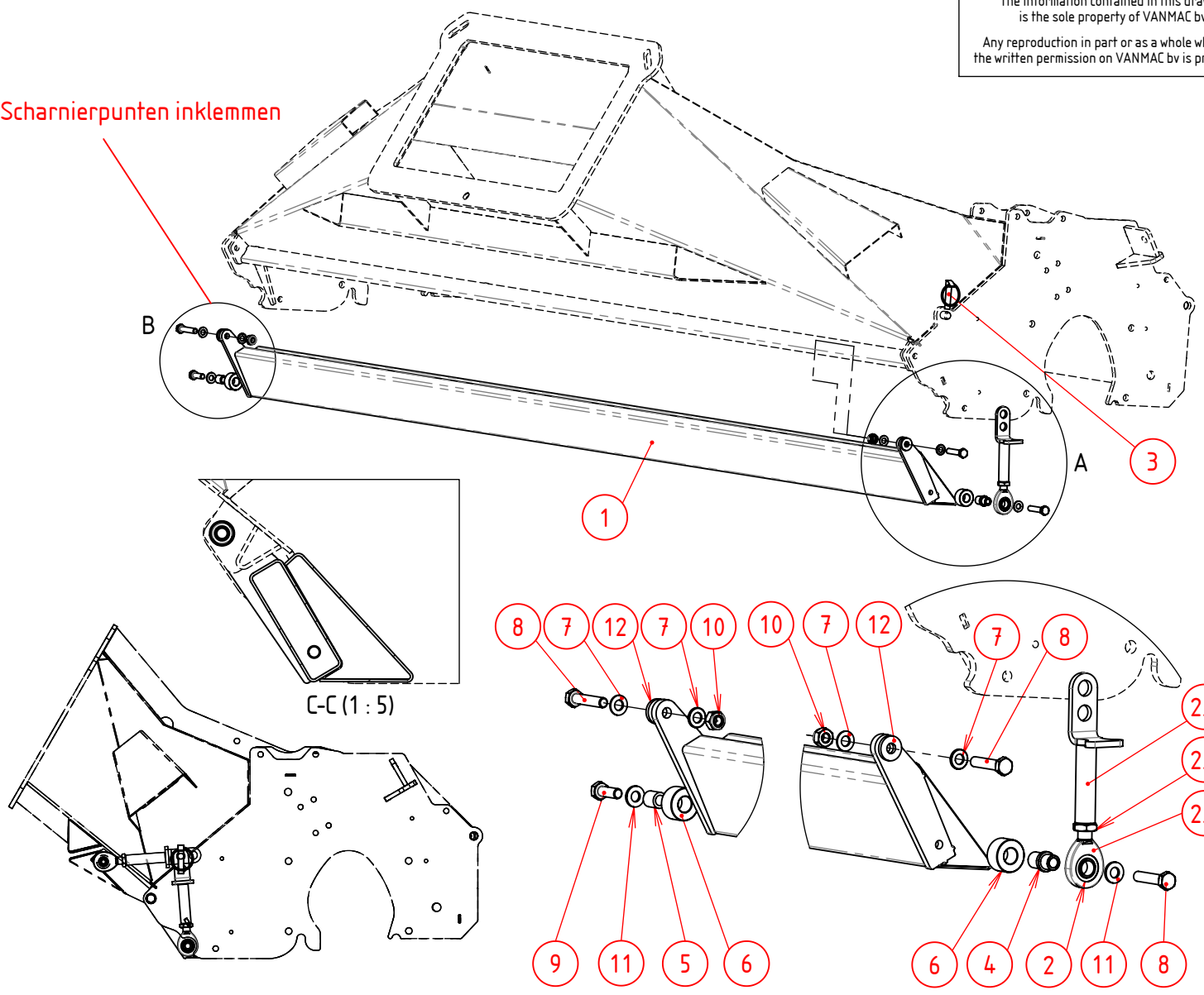
TRILO

056.1041

056.1051.19-2Rev

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Scharnierpunten inklemmen



12	2	90.734910	Carr.Ring M10 Dik				
11	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
10	2	90.98510	Zelfborgende Moer M10				
9	1	90.9331030	Tapbout M10x30				
8	3	90.9331050	Tapbout M10x50				
7	6	90.125A10	Sluitring M10				
6	2	056.1006.87	Kunststof bus Ø33xØ16 L=18				
5	1	45.10480	Bus Ø16x3 L=18				
4	1	056.1006.88	Bus Ø15/20/16-10 L=34				
3	1	KR.LP4Z	Borgclip 4mm				
2.3	1	90.93614	Lage Moer M14				
2.2	1	90.GAR15D0	Stangkop D15-M14	Buitendraad			
2.1	1	056.1006.40	Verstelling Klapneus				
2	1	056.1006.42	Verstelling klapneus compl.				
1	1	056.1051.40	Neusstuk lsm 2.40m	met vlakke onderzijde			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Neusstuk 2.40m

Remarks

Qty per Machine

Weight

152.24 kg

PGM

Scale

1:12.5

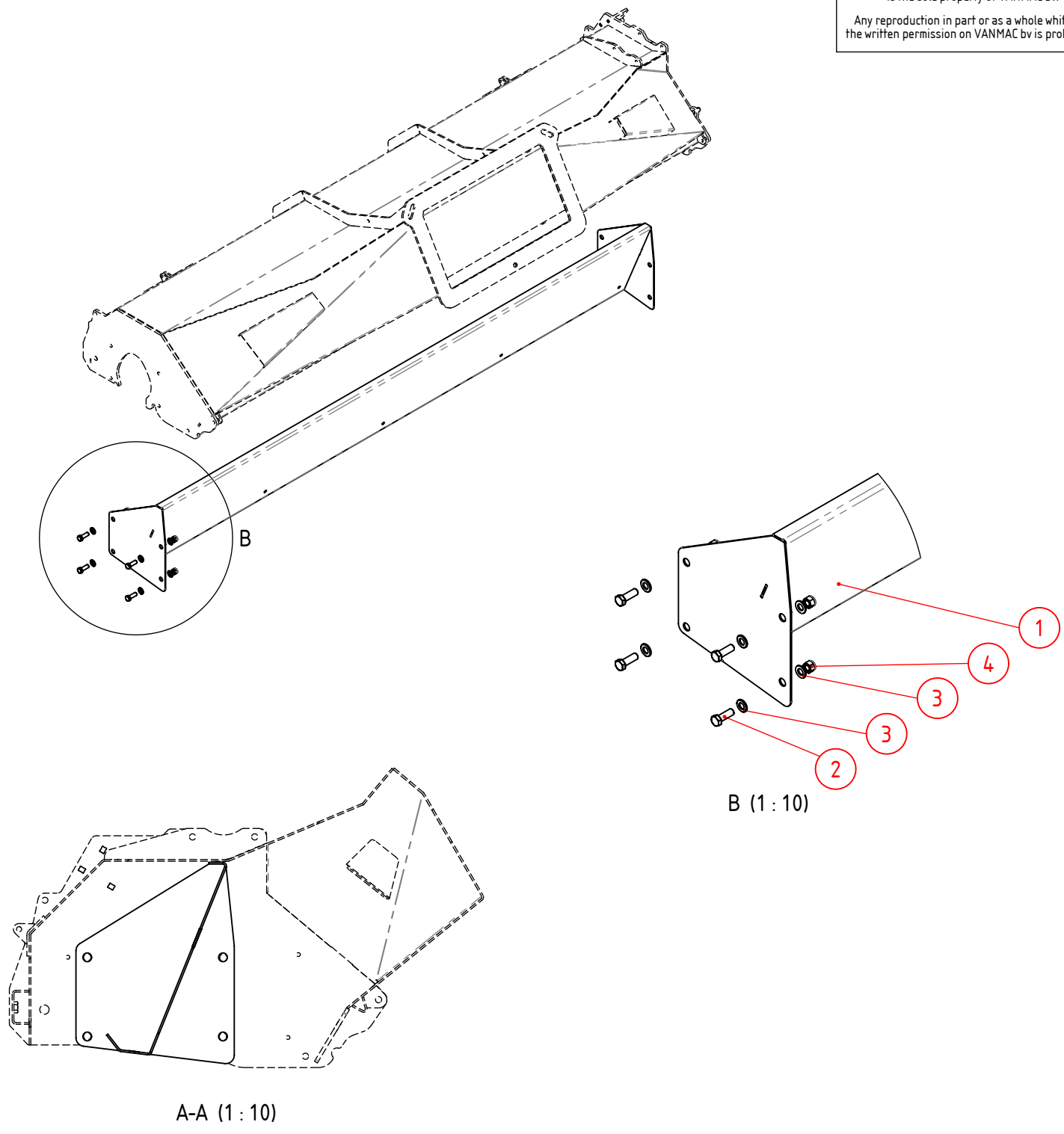
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056.1051.19

Drawn TS 22-9-2015 Sheet 1/1

Release PCL 12-5-2017 Revision -

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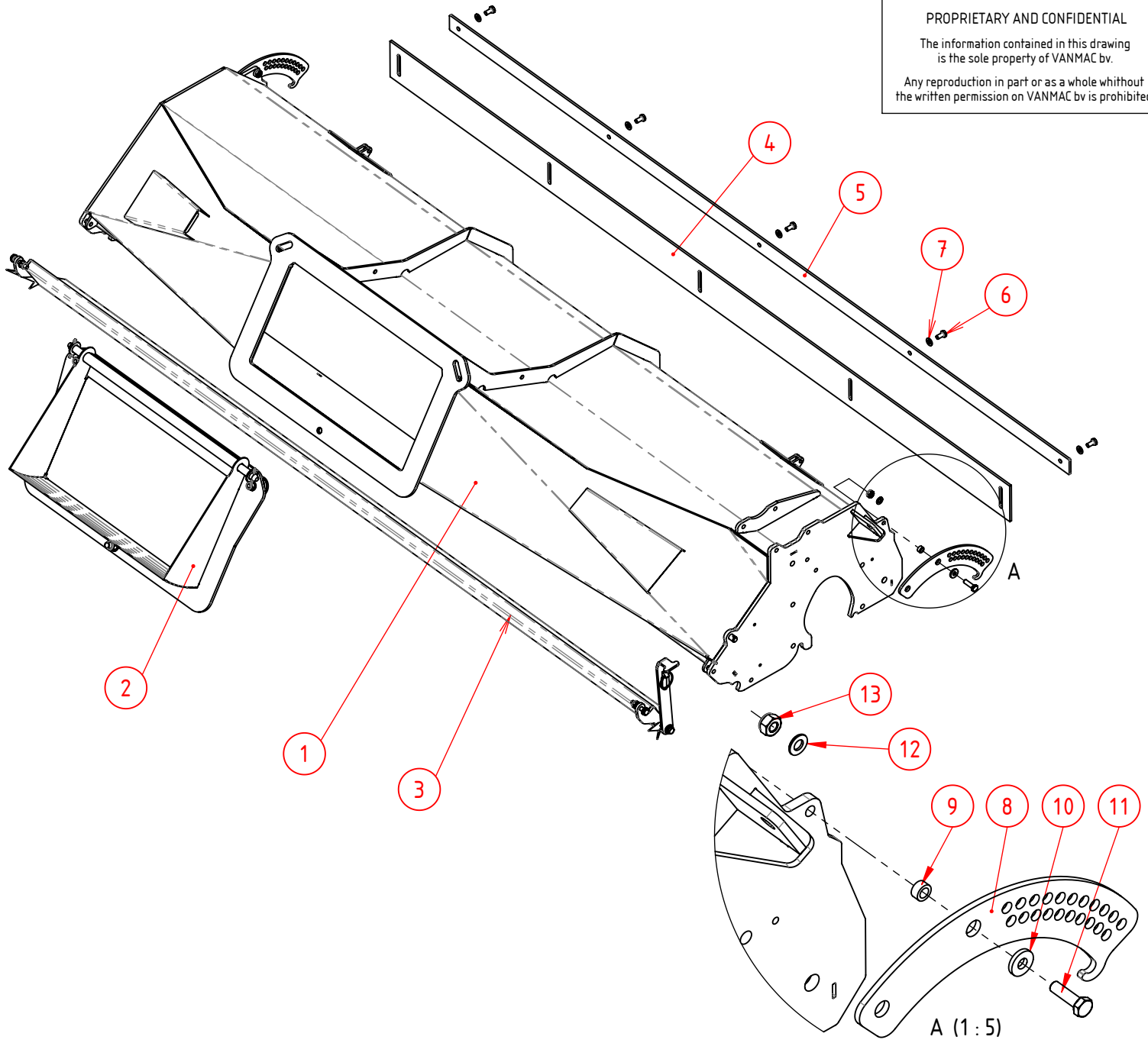


4	8	90.9331235	Tapbout M12x35				
3	8	90.98512	Zelfborgende Moer M12				
2	16	90.125A12	Sluifring M12				
1	1	056.1051.32	Inzetstuk 2.40m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cL Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Inzetstuk Borstelmond 2.40m				
				Remarks Qty per Machine	Weight 155.12 kg	PGM Scale 1:50

056.1051 - Zref

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13	2	90.98510	Zelfborgende Moer M10				
12	2	90.125A10	Sluitring M10				
11	2	90.9331040	Tapbout M10x40				
10	2	90.734910	Carr.Ring M10 Dik				
9	2	056.1001.21	Bus Ø16x3 L=8				
8	2	056.1006.86	Verstelstrip	curved			
7	5	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
6	5	90.9331025	Tapbout M10x25				
5	1	056.1051.11	Klemprofiel				
4	1	056.1051.14	Rubber flap	2.40m			
3	1	056.1051.19	Neusstuk 2.40m				
2	1	056.1011	Pendelstuk, as 20	S8-S20			
1	1	056.1051.06	Borstelmond 2.40m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

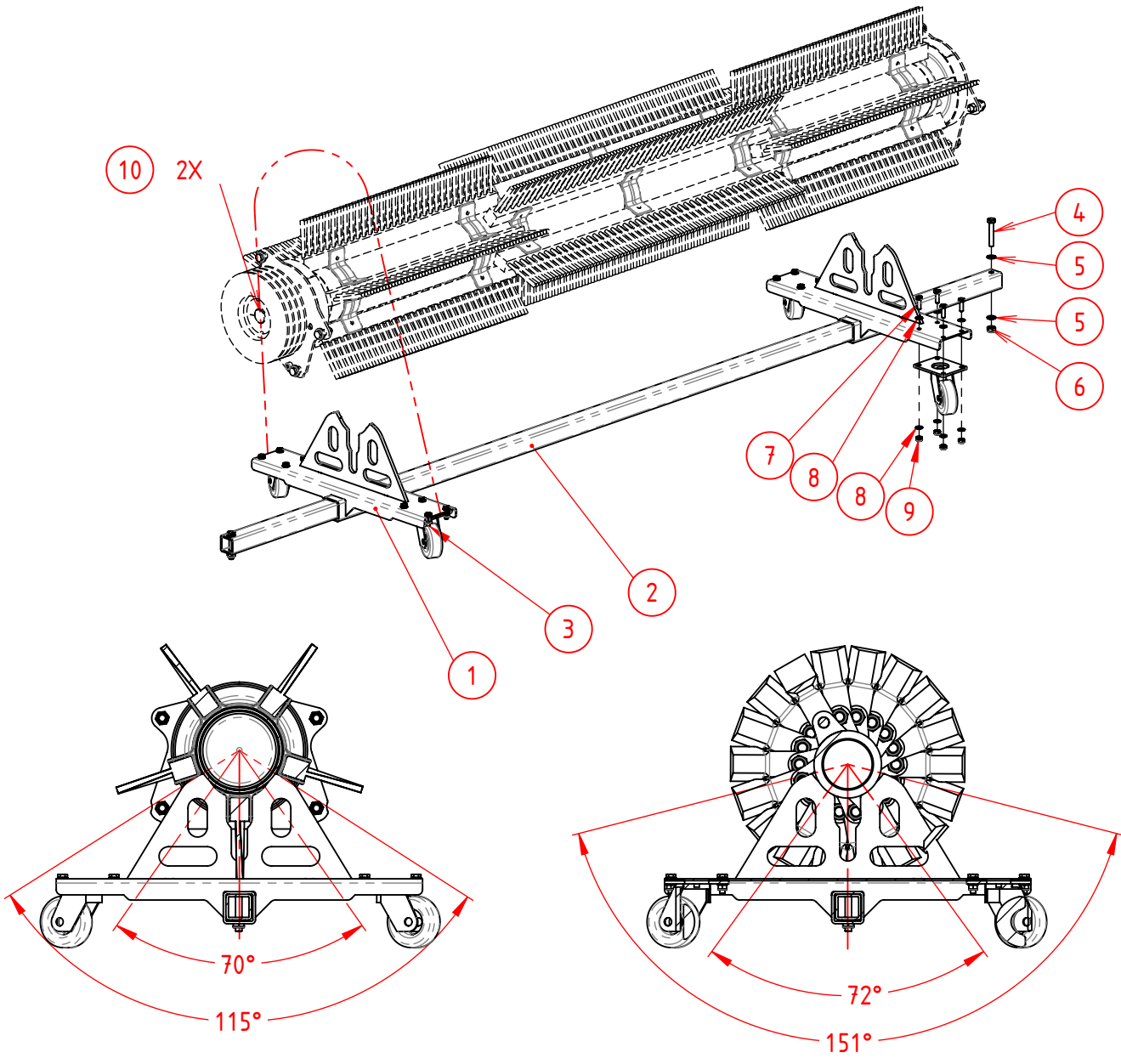
DO NOT SCALE DRAWING

Borstelmond 2.40m (basis)

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 2-4-2015	1/1
Weight	1:15	Release	Revision
164.65 kg		TS 24-5-2016	-

056.1051

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C-C (1 : 10)

10	2	KR.TS2025A	Sjorband 25 mm x 5 m					
9	16	90.9858	Zelfborgende Moer M8					
8	32	90.125A8	Sluitring M8					
7	16	90.933825	Tapbout M8x25					
6	2	90.98510	Zelfborgende Moer M10					
5	4	90.125A10	Sluitring M10					
4	2	90.9311060	Zeskantbout M10x60					
3	4	KR.WH508180	Zwenkwiel + rollager 80mm					
2	1	056.1099.09	Koker wisselset					
1	2	056.1099.05	Wisselset LSM	Zijkant				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Wisselset S8-20

	Remarks	PGM	Drawn STAGE 29-8-2014 Release PCL 1-6-2015	Sheet 1/1 Revision -
	Qty per Machine	Weight		
		281.02 kg	1:15	



056.3130-Zref

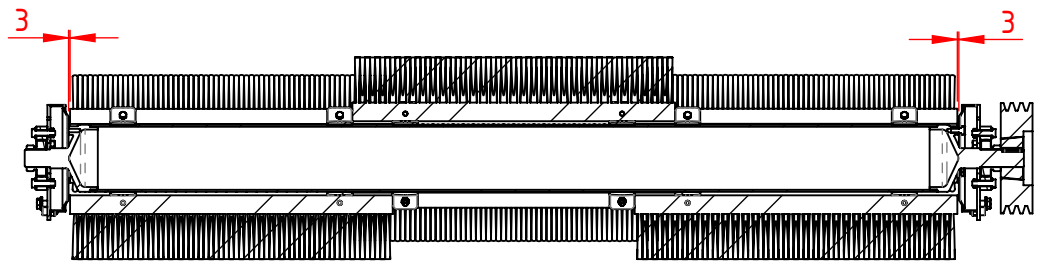
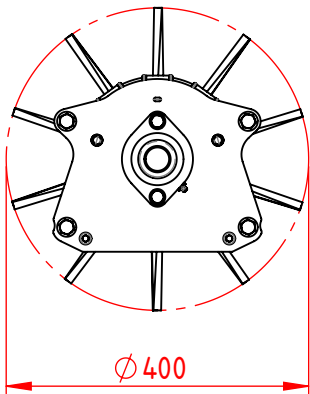
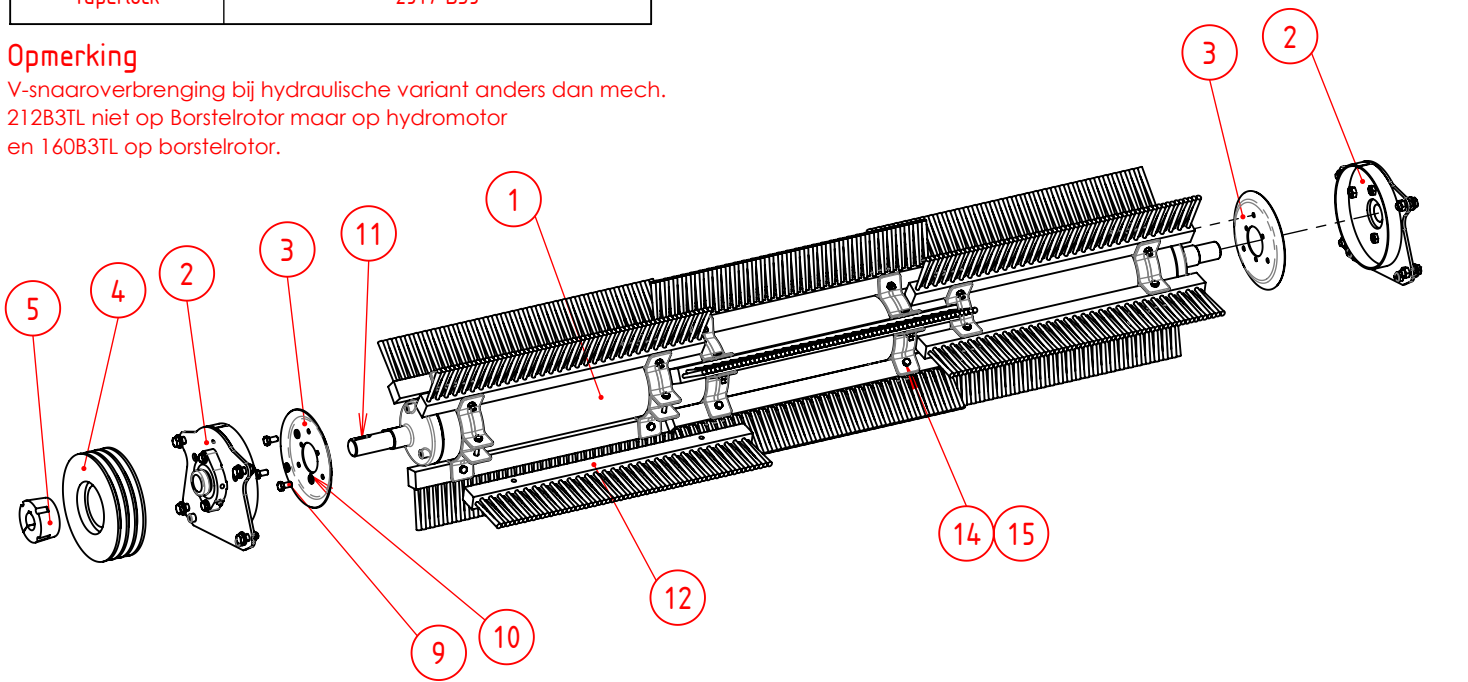
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V-belt Pulley S8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	

Opmerking

V-snaaroverbrenging bij hydraulische variant anders dan mech.
212B3TL niet op Borstelrotor maar op hydromotor
en 160B3TL op borstelrotor.



15	30	90.9858	Zelfborgende Moer M8				
14	30	90.931855	Zeskantbout M8x55				
12	15	056.3100.05.01	Borstelgat Geel 640mm	HMPE kern 640x30x37			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.212B3TL	V-snaarschijf 212B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3130.01	Borstelas 1.80m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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3824 MJ AMERSFOORT
the Netherlands

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cL

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Borstelas 1.80m compl.

mech.

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 5-7-2013	1/1
Weight	1:15	Release	Revision
72.56 kg		TS 27-10-2017	-



056.3130

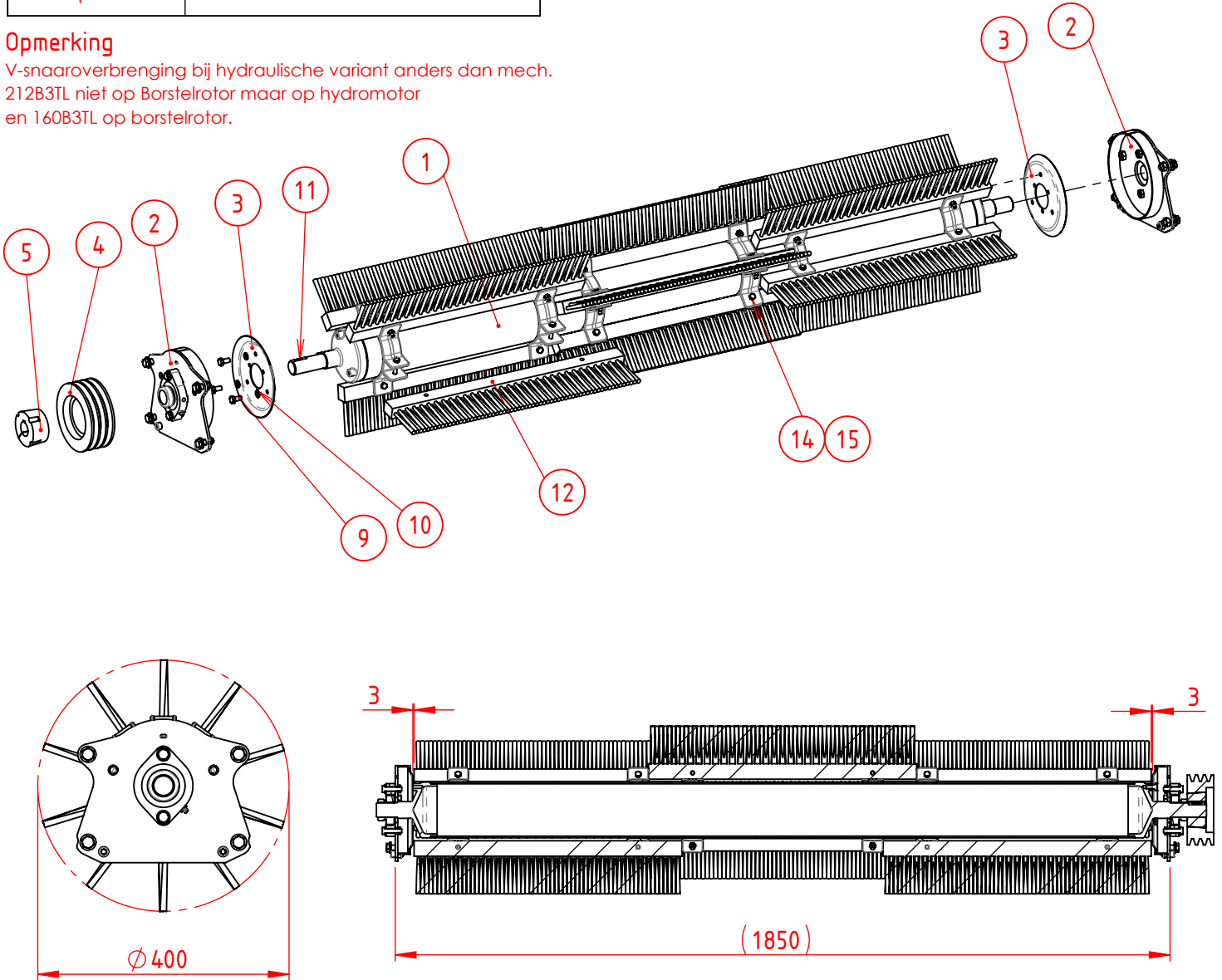
056.3132-Zref

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V-belt Pulley S8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	

Opmerking

V-snaaroverbrenging bij hydraulische variant anders dan mech.
 212B3TL niet op Borstelrotor maar op hydromotor
 en 160B3TL op borstelrotor.



15	30	90.9858	Zelfborgende Moer M8				
14	30	90.931855	Zeskantbout M8x55				
12	15	056.3100.05.01	Borstelgat Geel 640mm	HMPE kern 640x30x37			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.160B3TL	V-snaarschijf 160B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3130.01	Borstelas 1.80m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Borstelas 1.80m compl.
 hydr.

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	TS 5-7-2013	1/1
Weight	1:15	Release	Revision
66.30 kg		TS 27-10-2017	-

056.3132

056.3140-Zref

V-belt Pulley S8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	

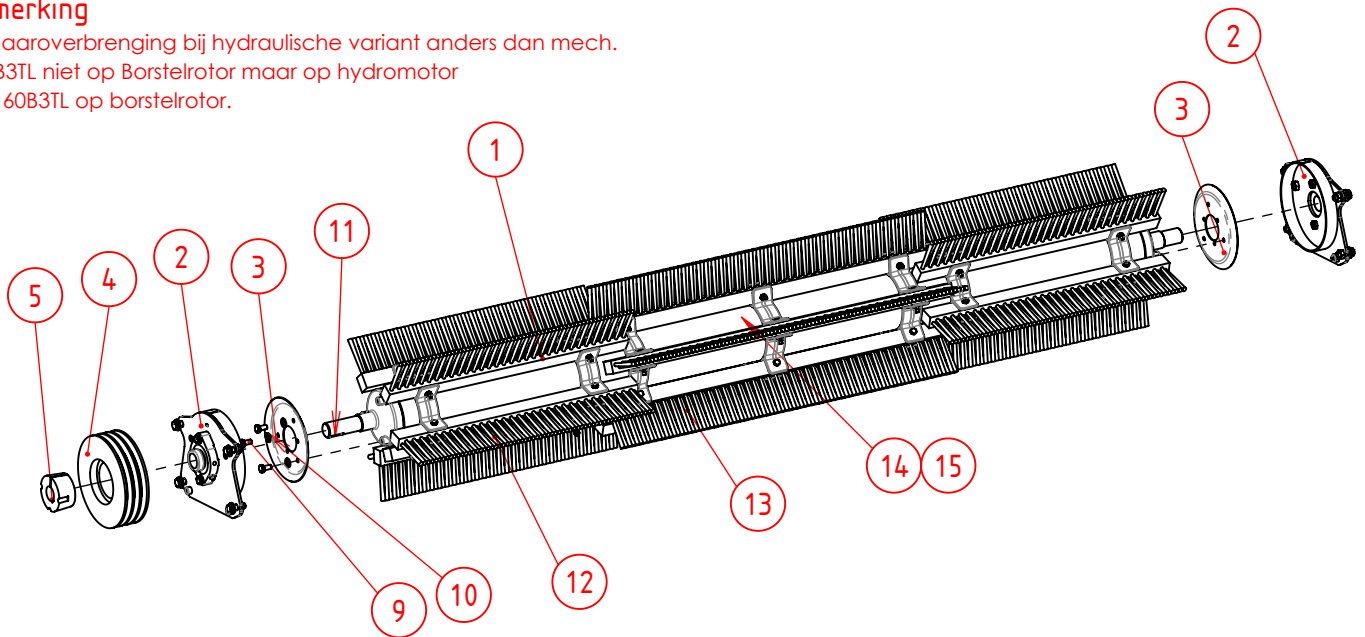
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Opmerking

V-snaaroverbrenging bij hydraulische variant anders dan mech.
212B3TL niet op Borstelrotor maar op hydromotor
en 160B3TL op borstelrotor.



Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
15	35	90.9858	Zelfborgende Moer M8				
14	35	90.931855	Zeskantbout M8x55				
13	5	056.3100.05.02	Borstelplaat Geel 910mm	Hout 910x30x37			
12	10	056.3100.05.01	Borstelplaat Geel 640mm	Hout 640x30x37			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.933816	Tapbout M8x16				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.212B3TL	V-snaarschijf 212B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3140.01	Borstelas 2.10m				

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Borstelas 2.10m compl. -					056.3140	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine				

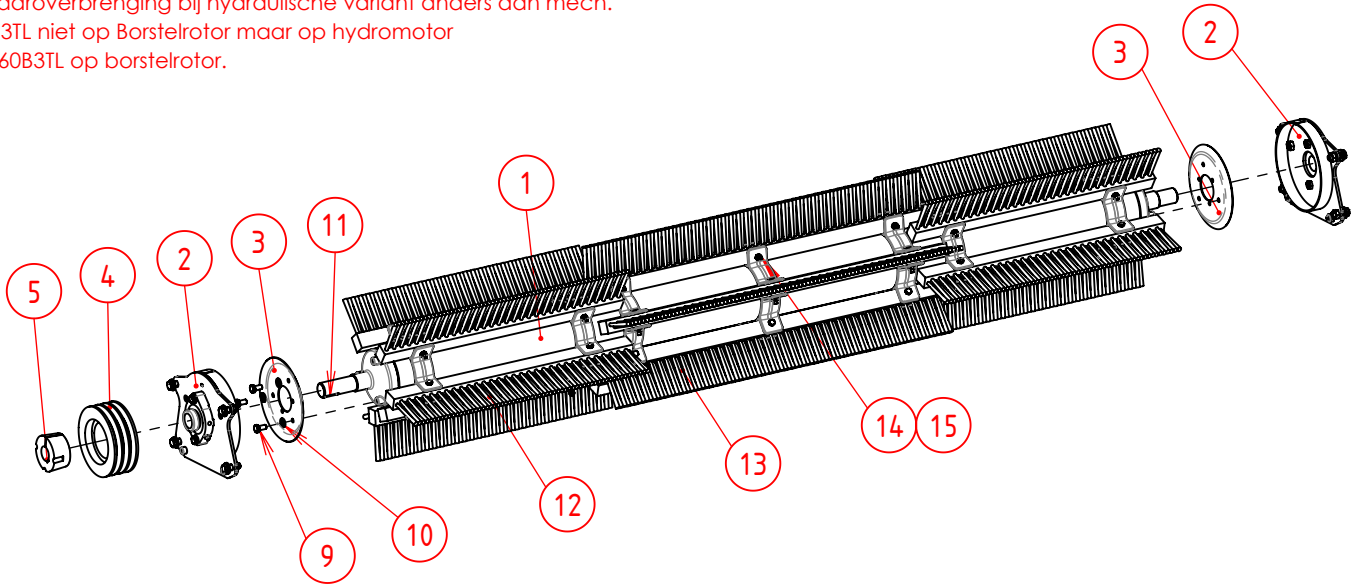
056.3142-Zref

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V-belt Pulley S8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	

Opmerking

V-snaaroverbrenging bij hydraulische variant anders dan mech.
 212B3TL niet op Borstelrotor maar op hydromotor
 en 160B3TL op borstelrotor.



Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
15	35	90.9858	Zelfborgende Moer M8				
14	35	90.931855	Zeskantbout M8x55				
13	5	056.3100.05.02	Borstellat Geel 910mm	HMPE kern 910x30x37			
12	10	056.3100.05.01	Borstellat Geel 640mm	HMPE kern 640x30x37			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.160B3TL	V-snaarschijf 160B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwikkelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3140.01	Borstelas 2.10m LSM				

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Borstelas 2.10m compl. hydr.					
		Remarks Qty per Machine Weight 73.49 kg					
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges				Drawn TS 27-10-2017 Release TS 27-10-2017	Sheet 1/1 Revision -		

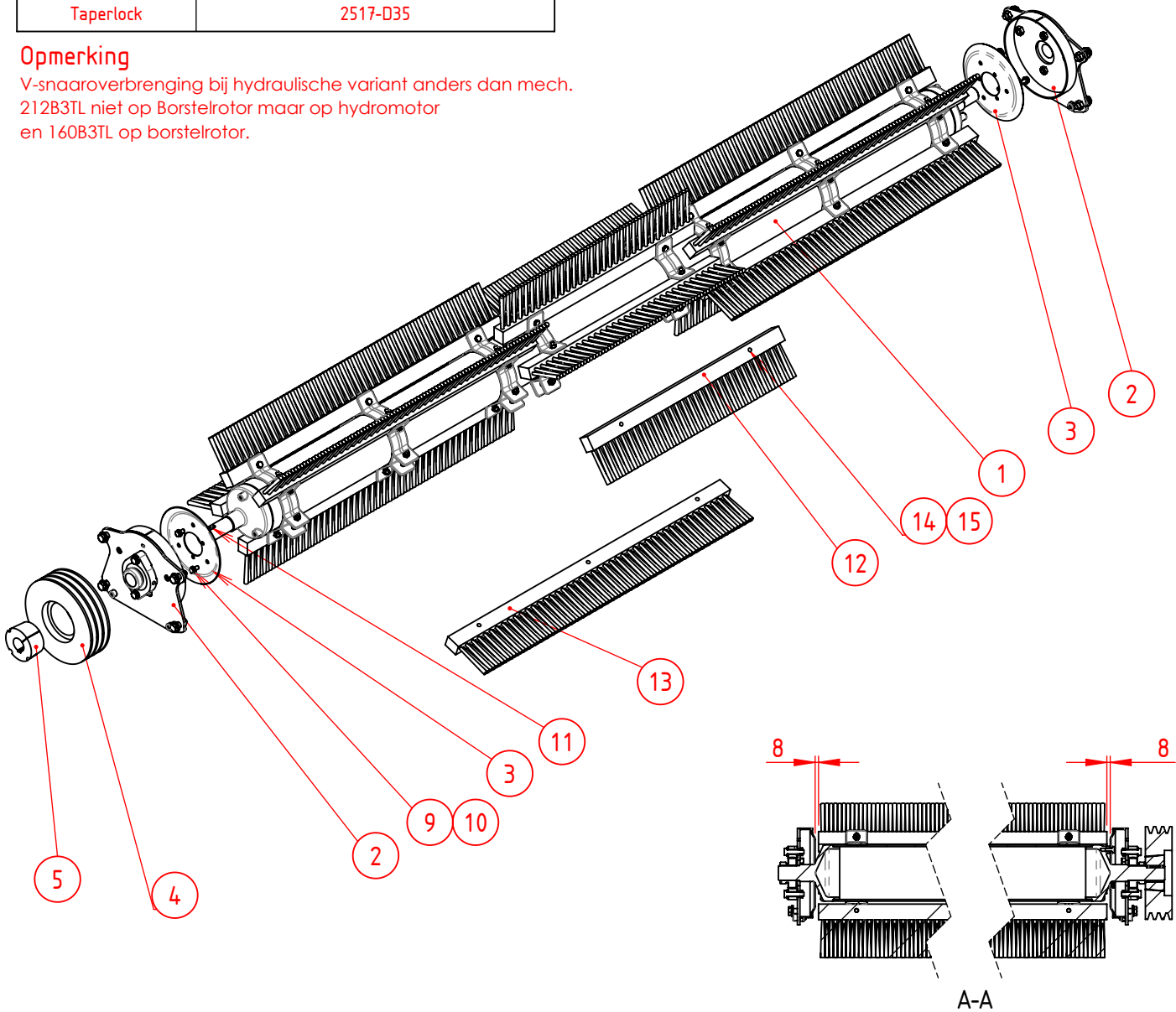
056.3150-Zref

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V-belt Pulley` S8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	

Opmerking

V-snaaroverbrenging bij hydraulische variant anders dan mech.
 212B3TL niet op Borstelrotor maar op hydromotor
 en 160B3TL op borstelrotor.



15	40	90.9858	Zelfborgende Moer M8				
14	40	90.931855	Zeskantbout M8x55				
13	10	056.3100.05.02	Borstelstaf Geel 910mm	HMPE kern 910x30x37			
12	5	056.3100.05.01	Borstelstaf Geel 640mm	HMPE kern 640x30x37			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.212B3TL	V-snaarschijf 212B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3150.02	Borstelas 2.40m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Borstelas 2.40m compl. mech.				
		Remarks Qty per Machine Weight 86.95 kg			PGM Scale 1:15	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	056.3150					

056.3152-Zref

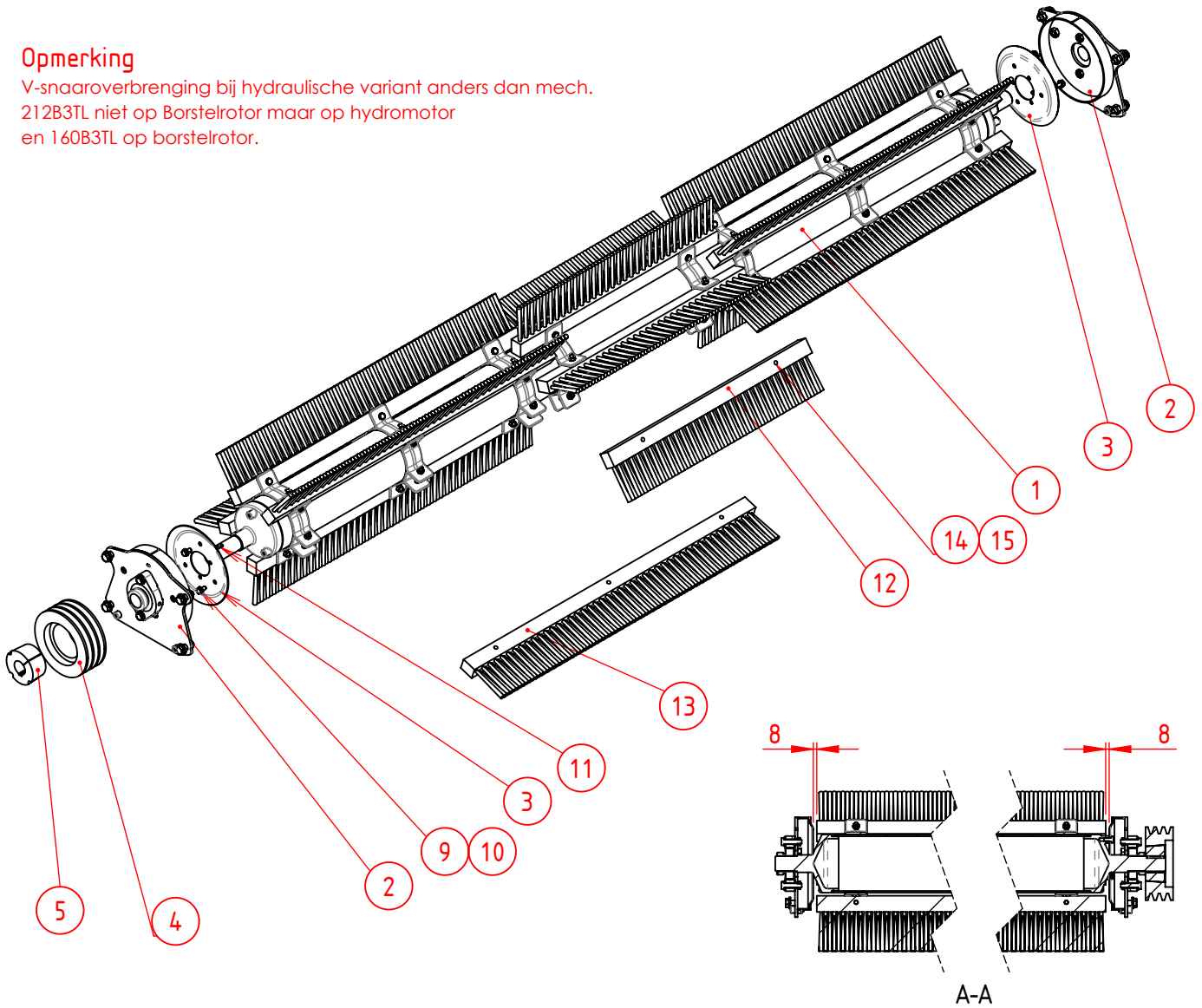
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V-belt Pulley` S8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	

Opmerking

V-snaaroverbrenging bij hydraulische variant anders dan mech.
212B3TL niet op Borstelrotor maar op hydromotor
en 160B3TL op borstelrotor.

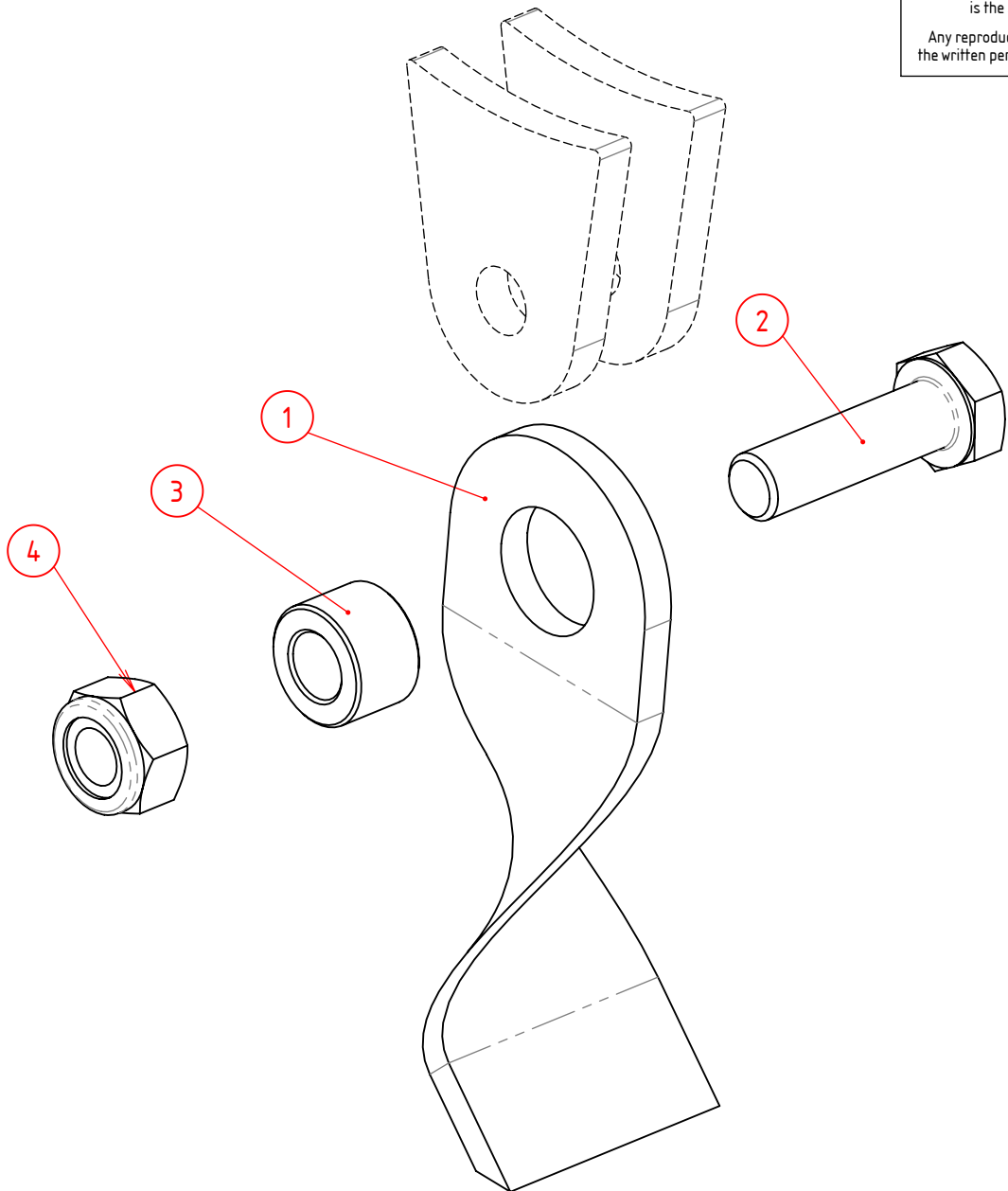


Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
15	40	90.9858	Zelfborgende Moer M8				
14	40	90.931855	Zeskantbout M8x55				
13	10	056.3100.05.02	Borstelat Geel 910mm	HMPE kern 910x30x37			
12	5	056.3100.05.01	Borstelat Geel 640mm	HMPE kern 640x30x37			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.160B3TL	V-snaarschijf 160B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3150.02	Borstelas 2.40m LSM				

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cL Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Borstelas 2.40m compl. hydr.			
		Remarks Qty per Machine Weight 80.69 kg		PGM Scale 1:15	

056.3200.01-Zref

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4	1	90.98510	Zelfborgende Moer M10				
3	1	025.1000.01	Bus Ø18x4 L=12				
2	1	90.9331035	Tapbout M10x35				
1	1	25.10002	Twisted Flail-mes	105x5 mm			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Twisted Flail mes

SET: incl bout, bus en moer

Remarks	PGM	-
Qty per Machine	Weight	kg
Scale	1:1	

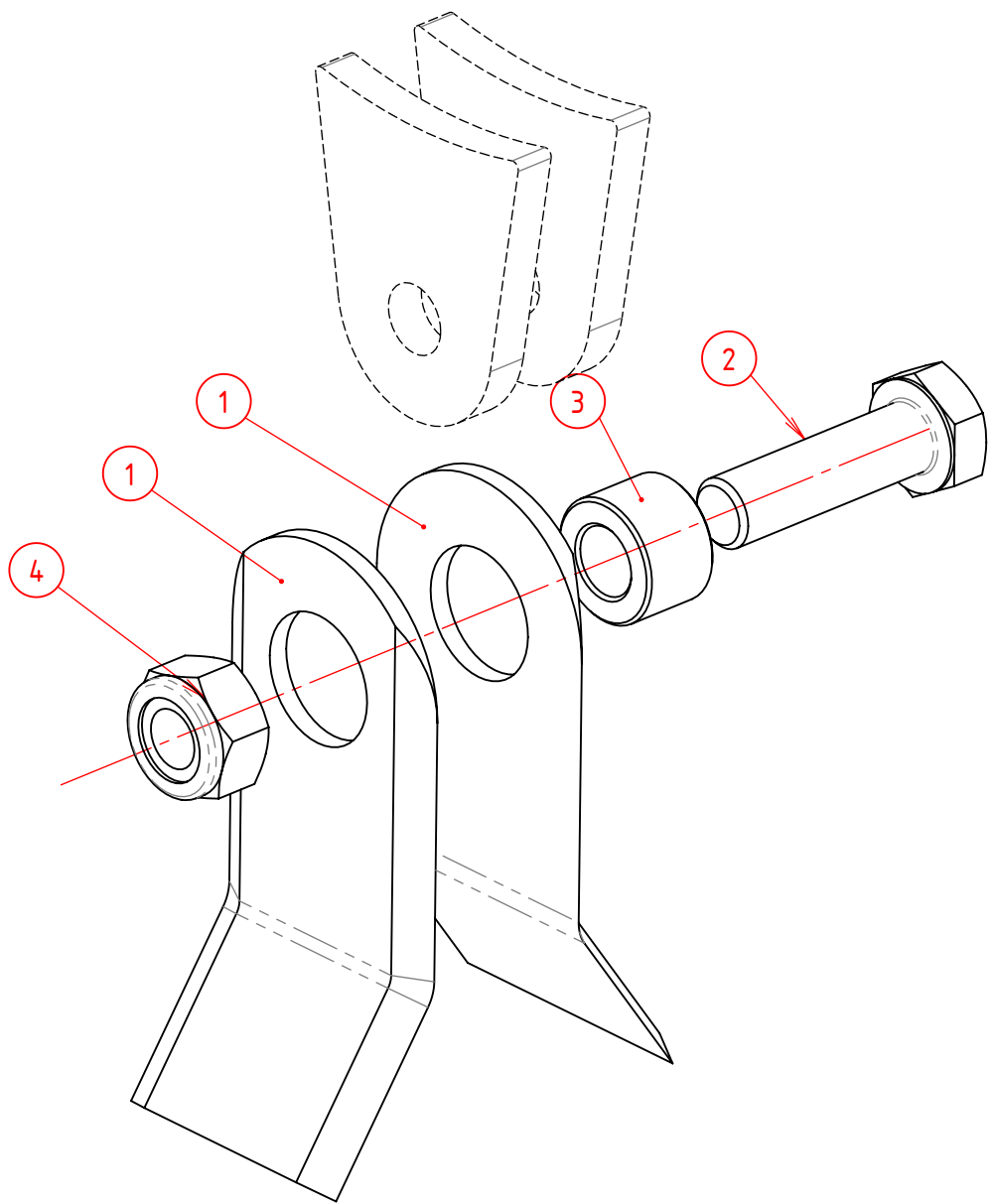
TRILO

056.3200.01

Drawn	PCL	1-12-2014	Sheet	1/1
Release	PCL	1-12-2014	Revision	-

056.3200.02 - Z-Ref

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4	1	90.98510	Zelfborgende Moer M10				
3	1	025.1000.01	Bus Ø18x4 L=12				
2	1	90.9331035	Tapbout M10x35				
1	2	45.311010	Maaimesje Gebogen	90x3 mm (cm1) afgeronde hoeken			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Back-to-back mes

SET: incl bout, bus en moer

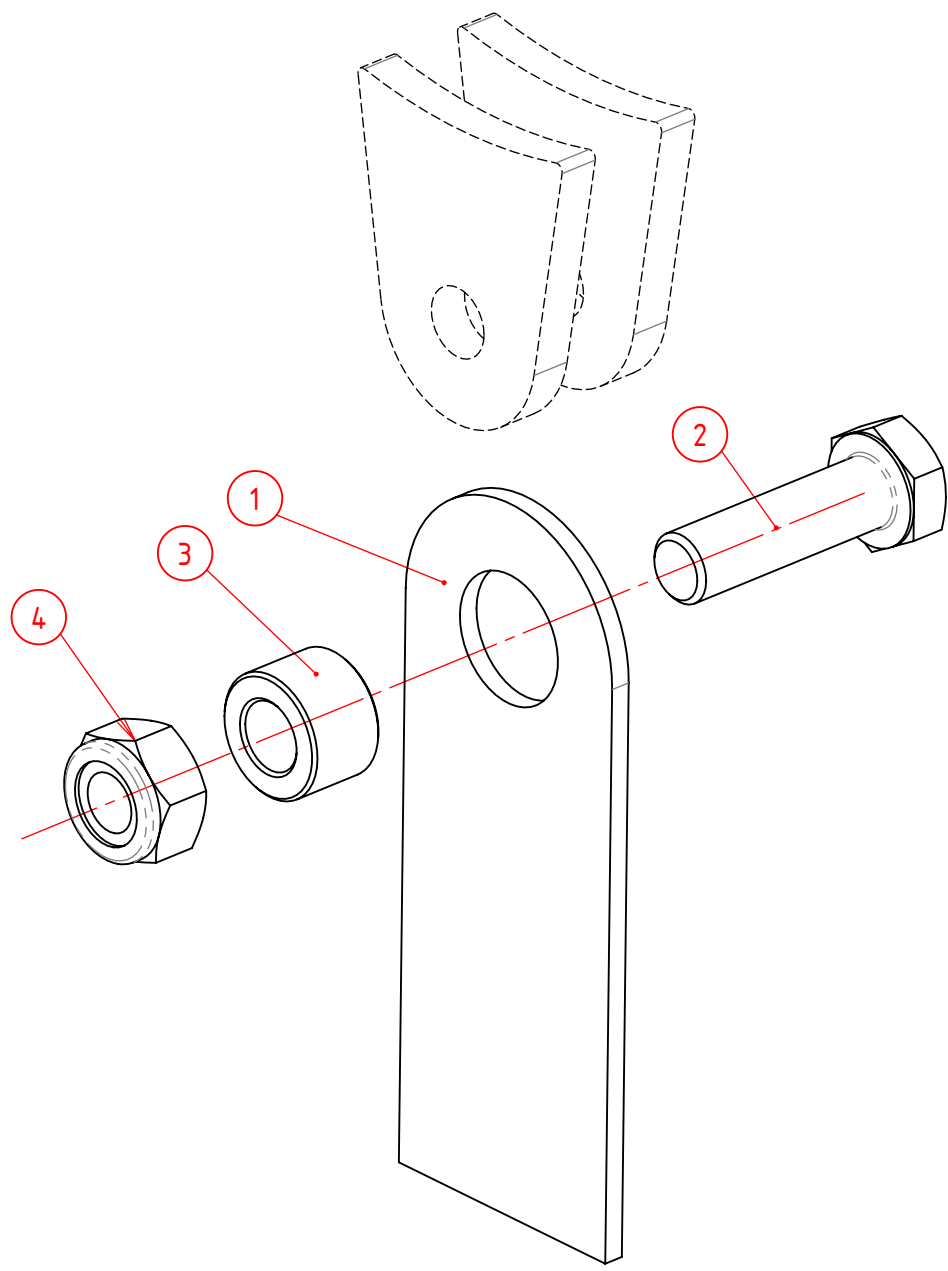
Remarks	PGM	-
Qty per Machine	Weight	kg
Scale	1:1	

056.3200.02


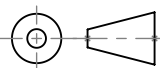
Drawn	PCL	1-12-2014	Sheet	1/1
Release	PCL	1-12-2014	Revision	-

056.3200.03 - Z-Ref

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4	1	90.98510	Zelfborgende Moer M10				
3	1	025.1000.01	Bus Ø18x4 L=12				
2	1	90.9331035	Tapbout M10x35				
1	1	25.10003	Verticuteermes 3mm COMBI	105x3 mm			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Verticuteermes SET: incl bout, bus en moer				
				Remarks Qty per Machine	Weight kg	PGM Scale 1:1

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

056.3200.06-ZRev

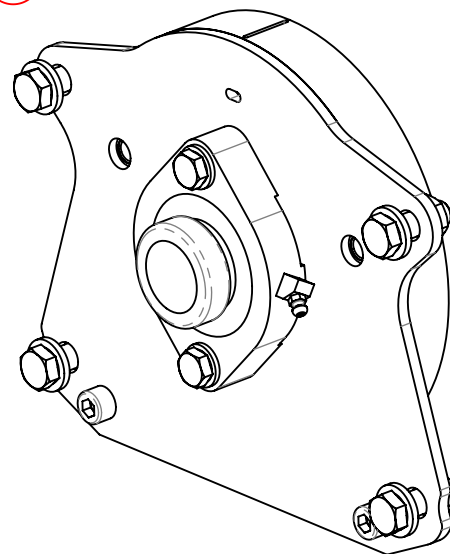
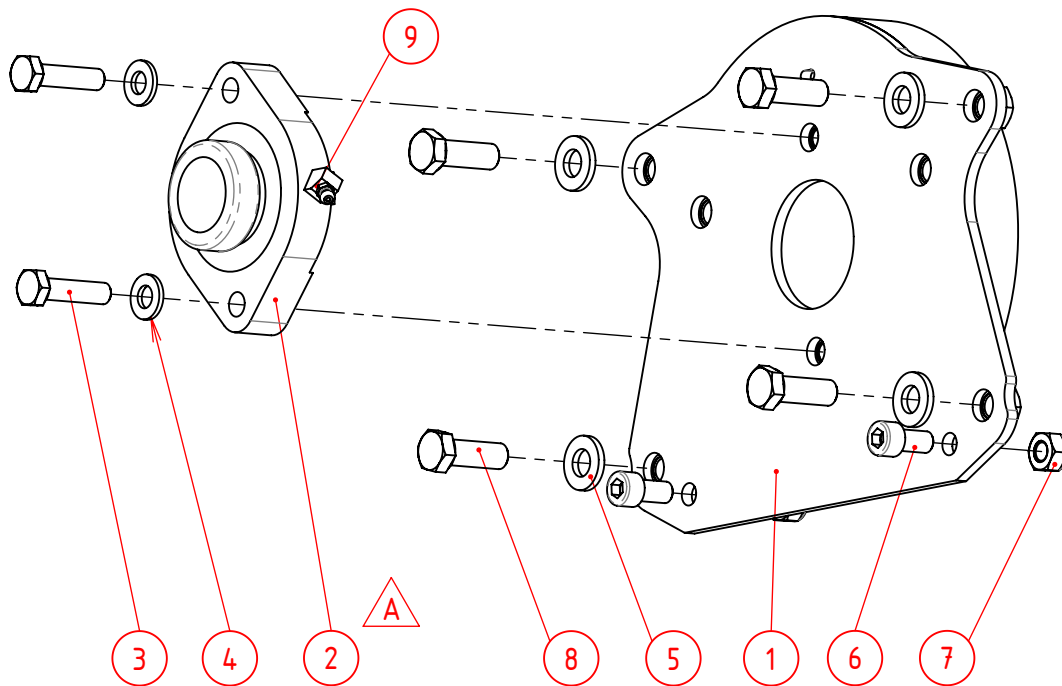
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	In geval van INA Lagers 45 graden nippel nodig	26-11-2014	PCL
B	Pos.1 was 056.3200.07	02-02-15	TS
C	Flensbout toegevoegd	29-5-2015	PCL

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Notes for Nordlock M12 washer:
 - Lubricate thread and contact surface
 - Advised Torque 85Nm (dry or lubricated)

Vetnippel kan variëren:
 KR.GN1845 of KR.GN6145

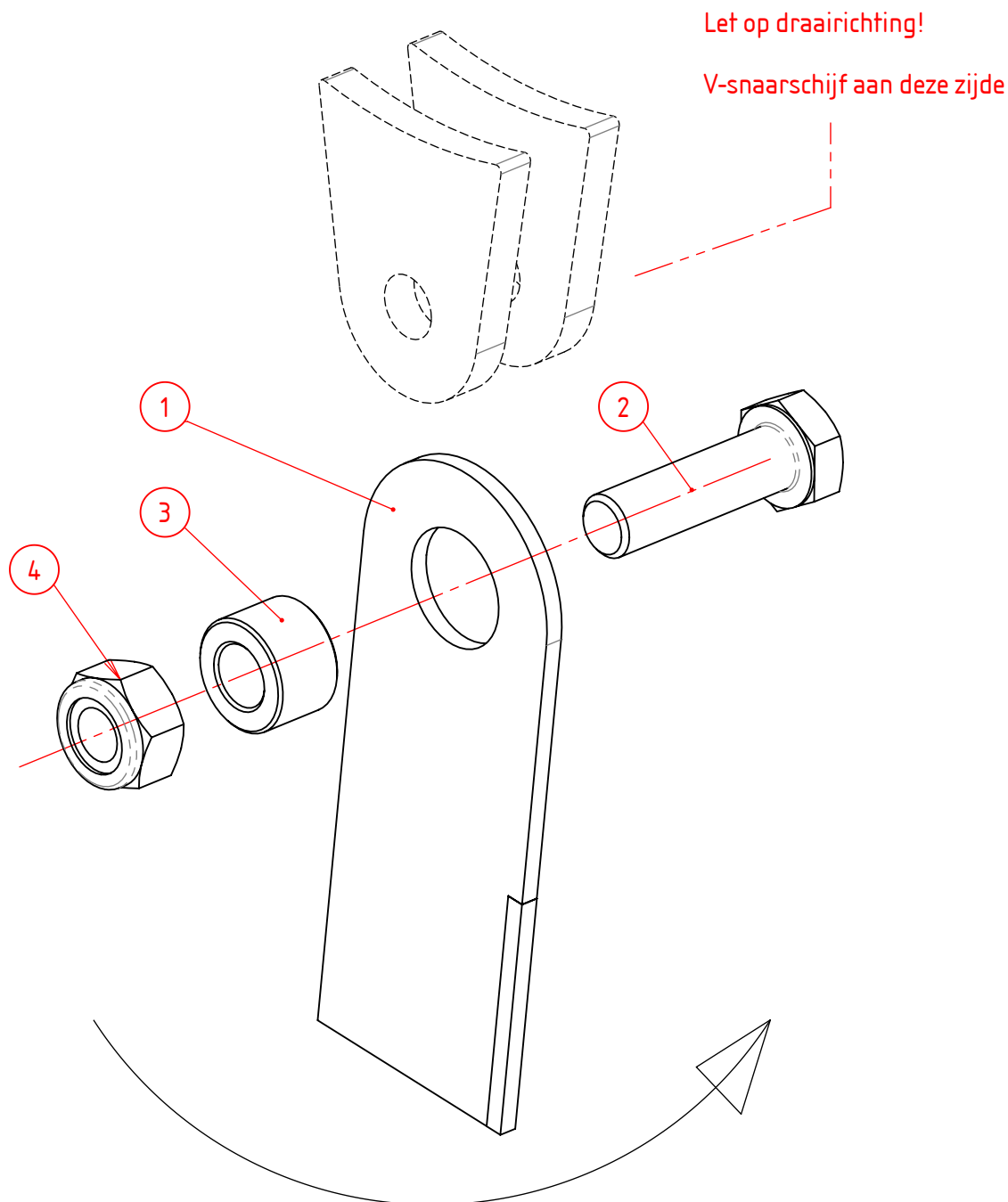
INA is overgegaan van G/8" naar M6 maar er zijn nog partijen oude voorraden.

9	1	KR.GN6145	Vetnippel M6 45°				
8	2	90.98510	Zelfborgende Moer M10				
7	2	90.9121020	Cil.Inbusbout M10x 20				
6	4	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
5	4	90.69211235	Flensbout M12x35	8.8 DIN 6921 - gladde flens			
4	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
3	2	90.9311040	Zeskantbout M10x40				
2	1	KR.GLCTE35-Z	Lagerblok cpl.	zilver			
1	1	056.3201.07	Clip-on plaat LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Clip-on compleet L=R					056.3200.06	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Remarks Qty per Machine	Weight 4.09 kg				

056.3200.09-Z-Ref

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4	1	90.98510	Zelfborgende Moer M10				
3	1	025.1000.01	Bus Ø18x4 L=12				
2	1	90.9331035	Tapbout M10x35	8.8			
1	1	25.10005	Verticuteermes 3mm COMBI	105x3 mm, Tungsten Tip			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Verticuteermes TUNGSTEN SET: incl bout, bus en moer				
				Remarks Qty per Machine	Weight kg	PGM Scale 1:1

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

056.3200.09

056.3230 - Zref

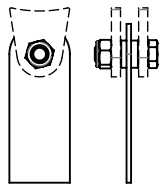
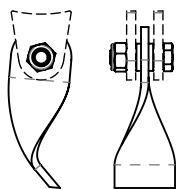
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Clip-on huidige variant	27-03-17	TS

Available Sets for 1.80m Rotor:

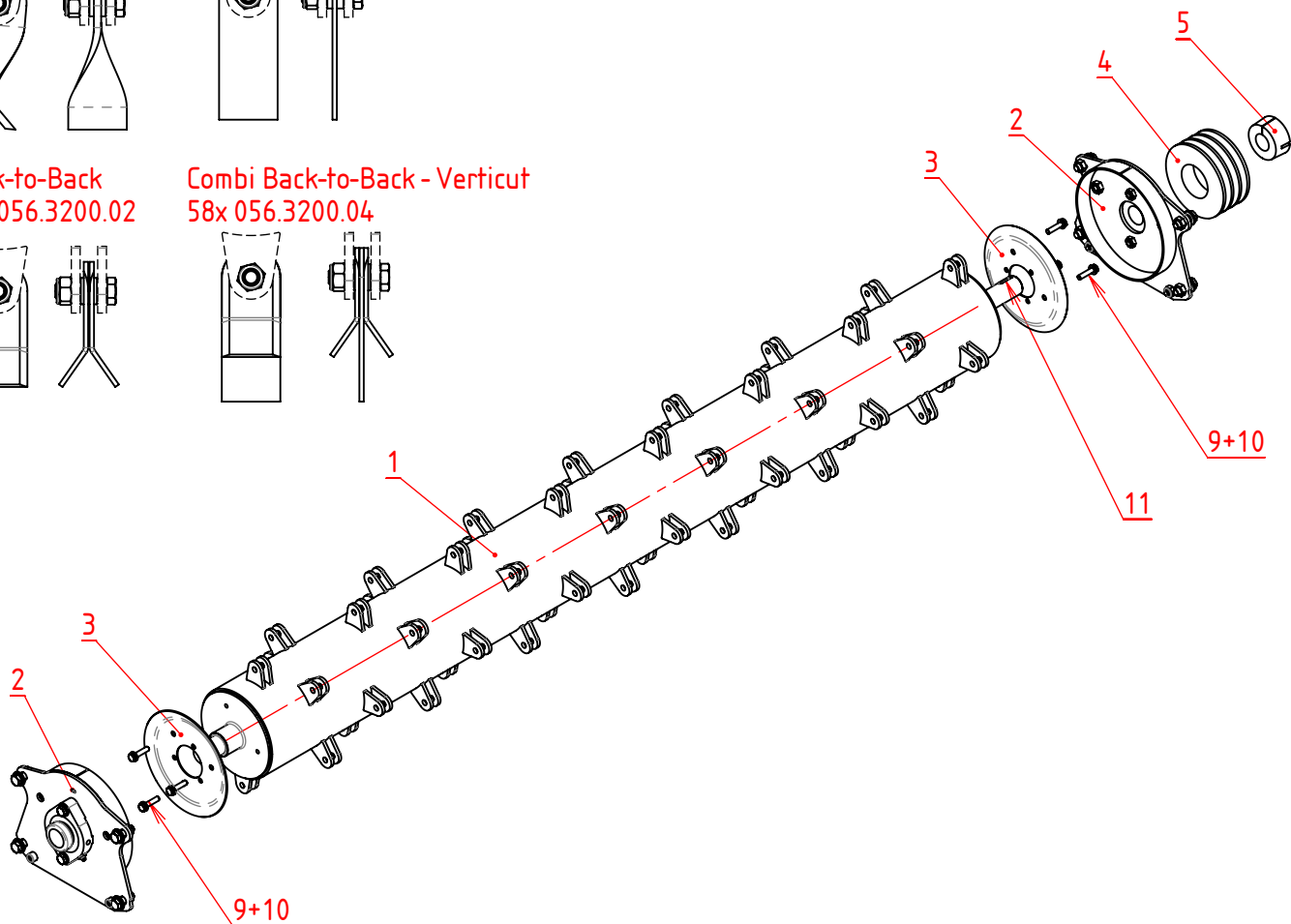
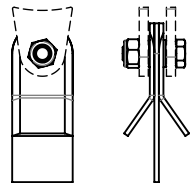
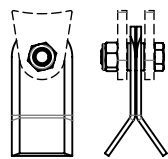
Twisted Flail
58x 056.3200.01

Verticut
58x 056.3200.03



Back-to-Back
58x 056.3200.02

Combi Back-to-Back - Verticut
58x 056.3200.04



11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.933816	Tapbout M8x16				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	1	KR.201235TL	Klembus TP 2012-Ø35				
4	1	KR.132B3TL	V-snaarschijf 132B-3 TL	Taperlock 2012			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3230.02	Rotor 1.80m lsm				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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3824 MJ AMERSFOORT
the Netherlands

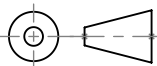
Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Rotor 1.80m
(basis)



Remarks

Qty per Machine

Weight

67.39 kg

PGM

Scale

Drawn

Release

PCL

TS

16-5-2013

27-3-2017

Sheet

Revision

1/1

A



056.3230

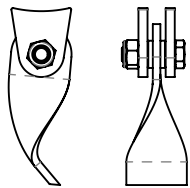
056.3240 - Zref

REVISIONS

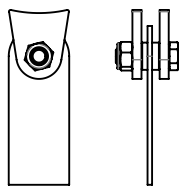
REV.	DESCRIPTION	DATE	APPROVED
A	Clip-on huidige variant	27-03-17	TS

Available Sets for 2.10m Rotor:

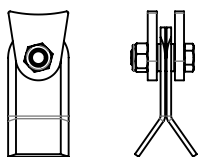
Twisted Flail
68x 056.3200.01



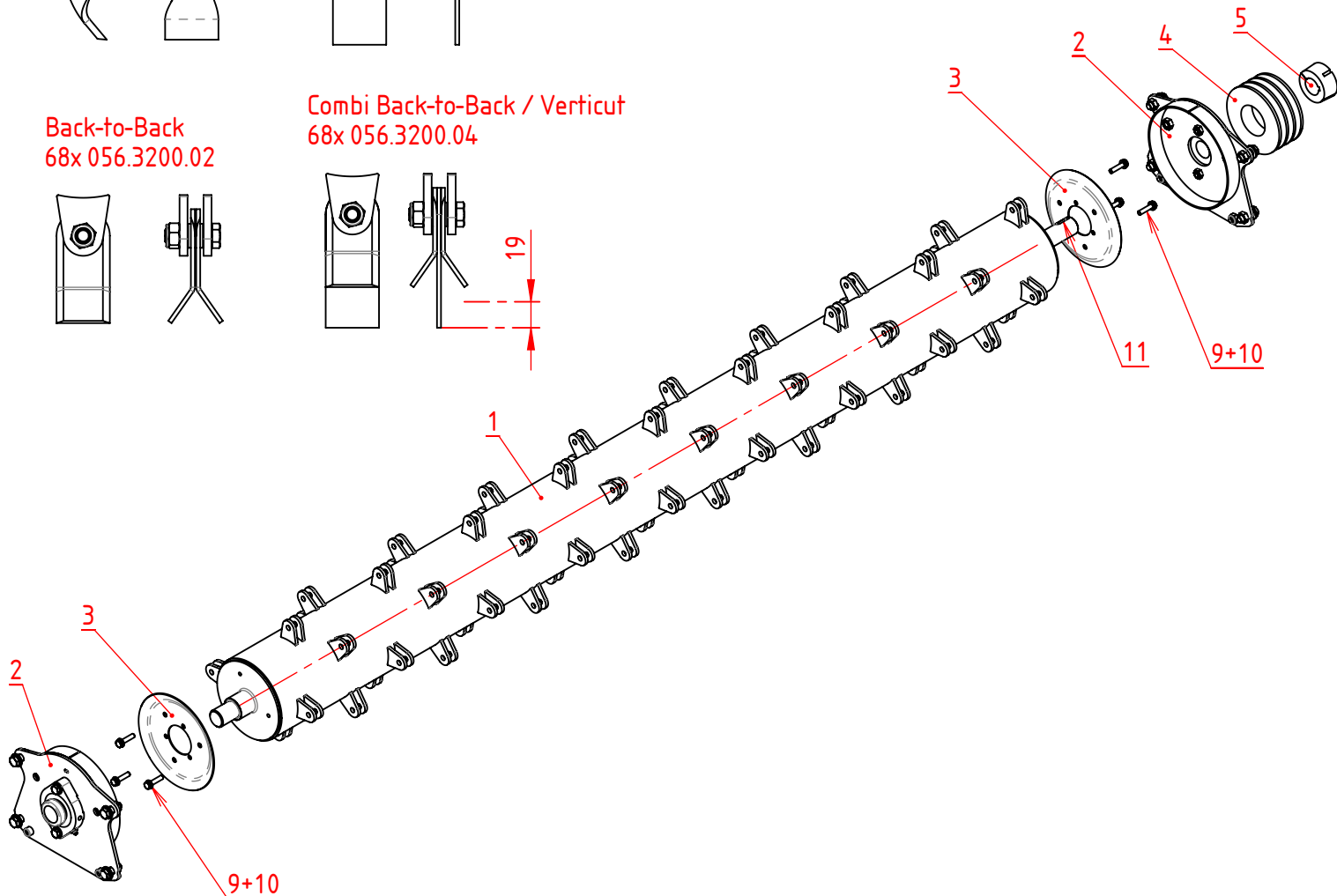
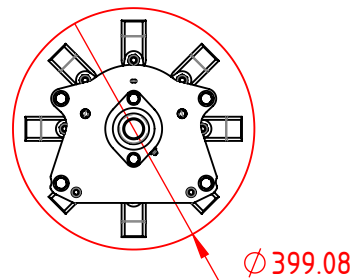
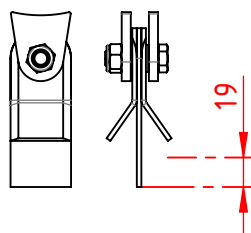
Verticut
68x 056.3200.03



Back-to-Back
68x 056.3200.02



Combi Back-to-Back / Verticut
68x 056.3200.04



11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.933816	Tapbout M8x16				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	1	KR.201235TL	Klembus TP 2012-Ø35				
4	1	KR.132B3TL	V-snaarschijf 132B-3 TL	Taperlock 2012			
3	2	056.3100.04	Antiwikkelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3240.02	Rotor 2.10m lsm				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Rotor 2.10m (basis)				
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Qty per Machine		Weight 74.62 kg
				Remarks -	Drawn PCL 16-5-2013	Sheet 1/1
				Release TS 27-3-2017	Revision A	

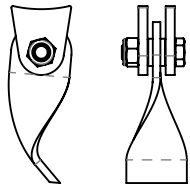
056.3250 -Zref

REVISIONS

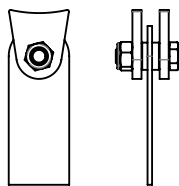
REV.	DESCRIPTION	DATE	APPROVED
A	Clip-on huidige variant	27-03-17	TS

Available Sets for 2.40m Rotor:

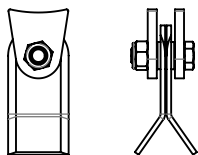
Twisted Flail
80x 056.3200.01



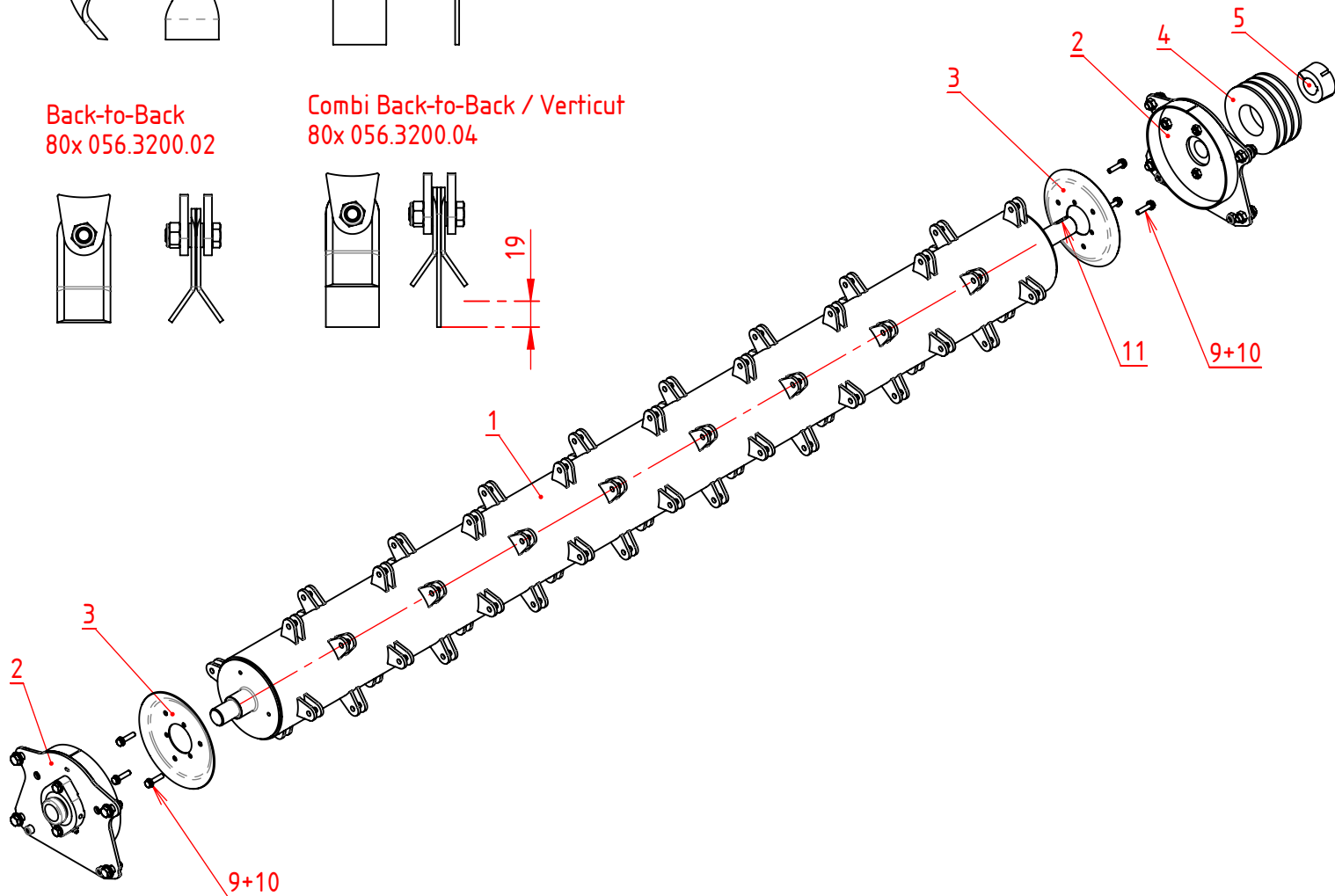
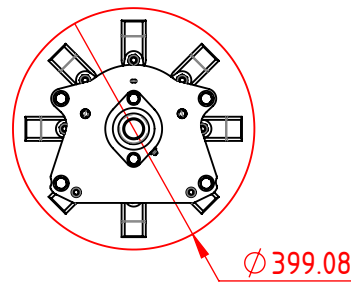
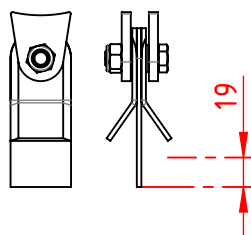
Verticut
80x 056.3200.03



Back-to-Back
80x 056.3200.02



Combi Back-to-Back / Verticut
80x 056.3200.04



11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.933816	Tapbout M8x16				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	1	KR.201235TL	Klembus TP 2012-Ø35				
4	1	KR.132B3TL	V-snaarschijf 132B-3 TL	Taperlock 2012			
3	2	056.3100.04	Antiwikkelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3250.02	Rotor 2.40m lsm				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Rotor 2.40m (basis)					
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges				Remarks Qty per Machine	Weight 74.62 kg
				PGM	-	Drawn TS 27-3-2017	Sheet 1/1
				Scale	1:12.5	Release TS 27-3-2017	Revision A

056.3250

056.3300.05 - Rev.1

REVISIONS

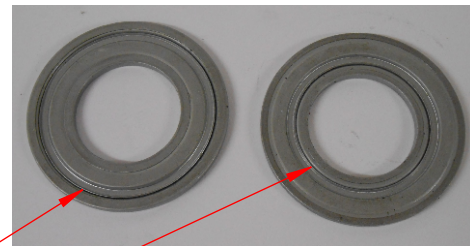
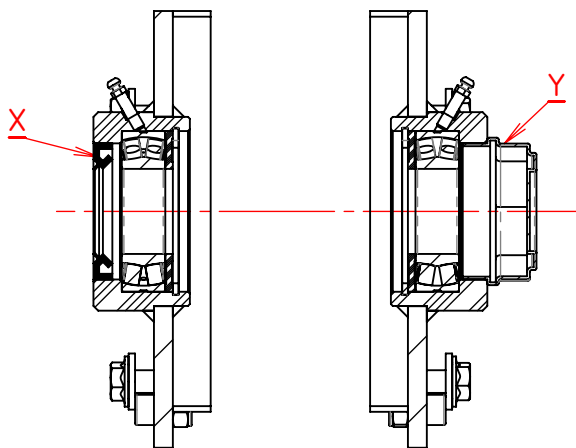
REV.	DESCRIPTION	DATE	APPROVED
	Flensbouten gebruikt	29-05-15	pcl

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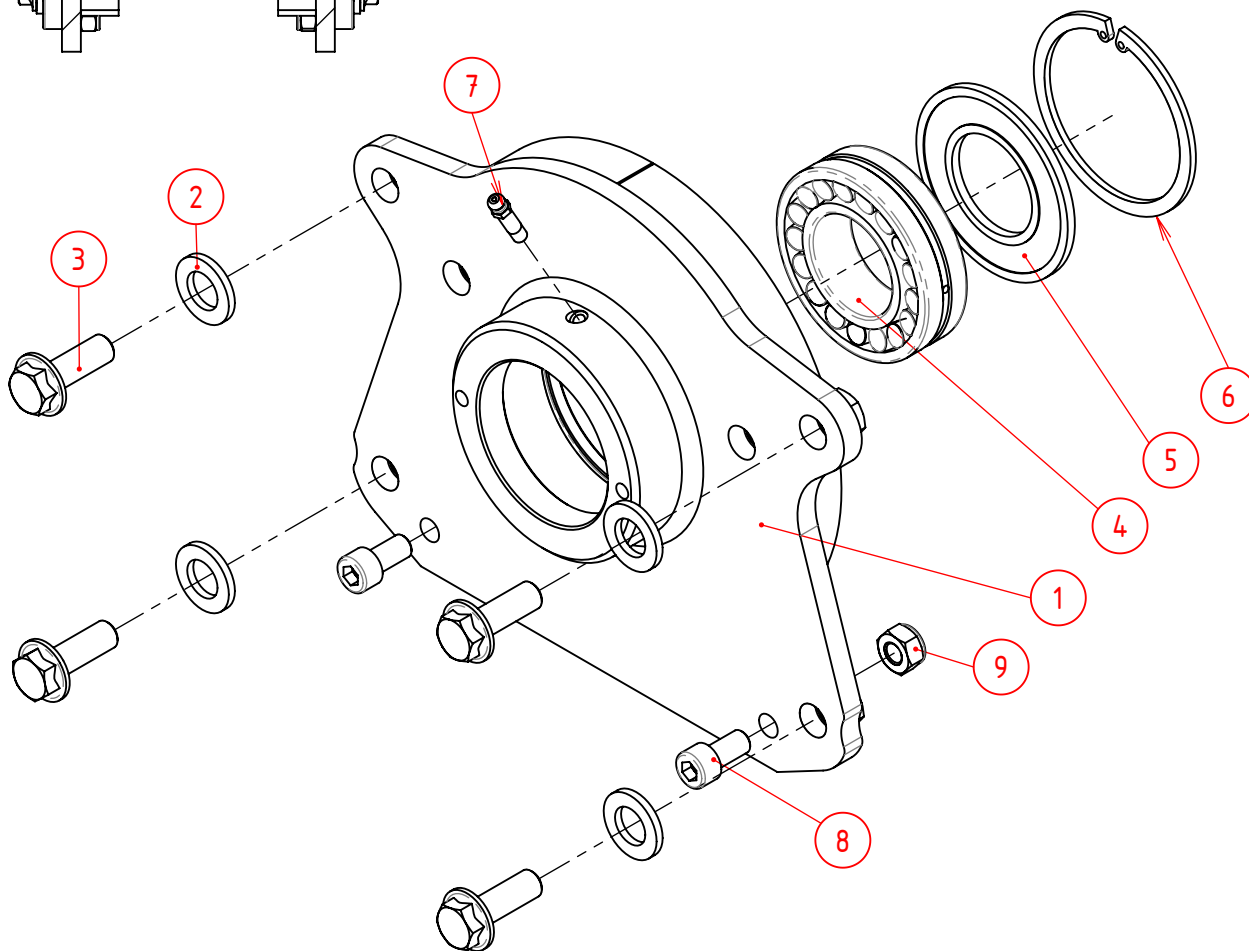
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Keerring (X) Eindkap (Y) pas bij rotormontage bevestigen



This side to bearing

This side to circlip



9	2	90.98510	Zelfborgende Moer M10				
8	2	90.9121020	Cil.Inbusbout M10x 20				
7	1	KR.GN61180L	Vetrnippel M6 180° lang				
6	1	90.47285	Seegerring Huis 85				
5	1	056.3300.09	Afdichtring 45x85x4	NILOS LSTO			
4	1	KR.22209E1	Tonzlager, 2-rijig zelfinstell.	INA			
3	4	90.69211235	Flensbout M12x35	8.8			
2	4	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
1	1	056.3301.06	HD Clip-onplaat LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

Tolerances unless stated:
ISO 2768-mK
Sheet-Metal Bending:
ISO 2768-cL

HD Clip-on compleet

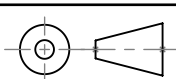
L=R



056.3300.05

Remove welding spatter
Sheet metal unscratched
Debur / Break sharp edges

Precision Casting:
ISO 8062-3 DCTG-8
DO NOT SCALE DRAWING



Remarks	PGM
Qty per Machine	Scale
Weight	1:4

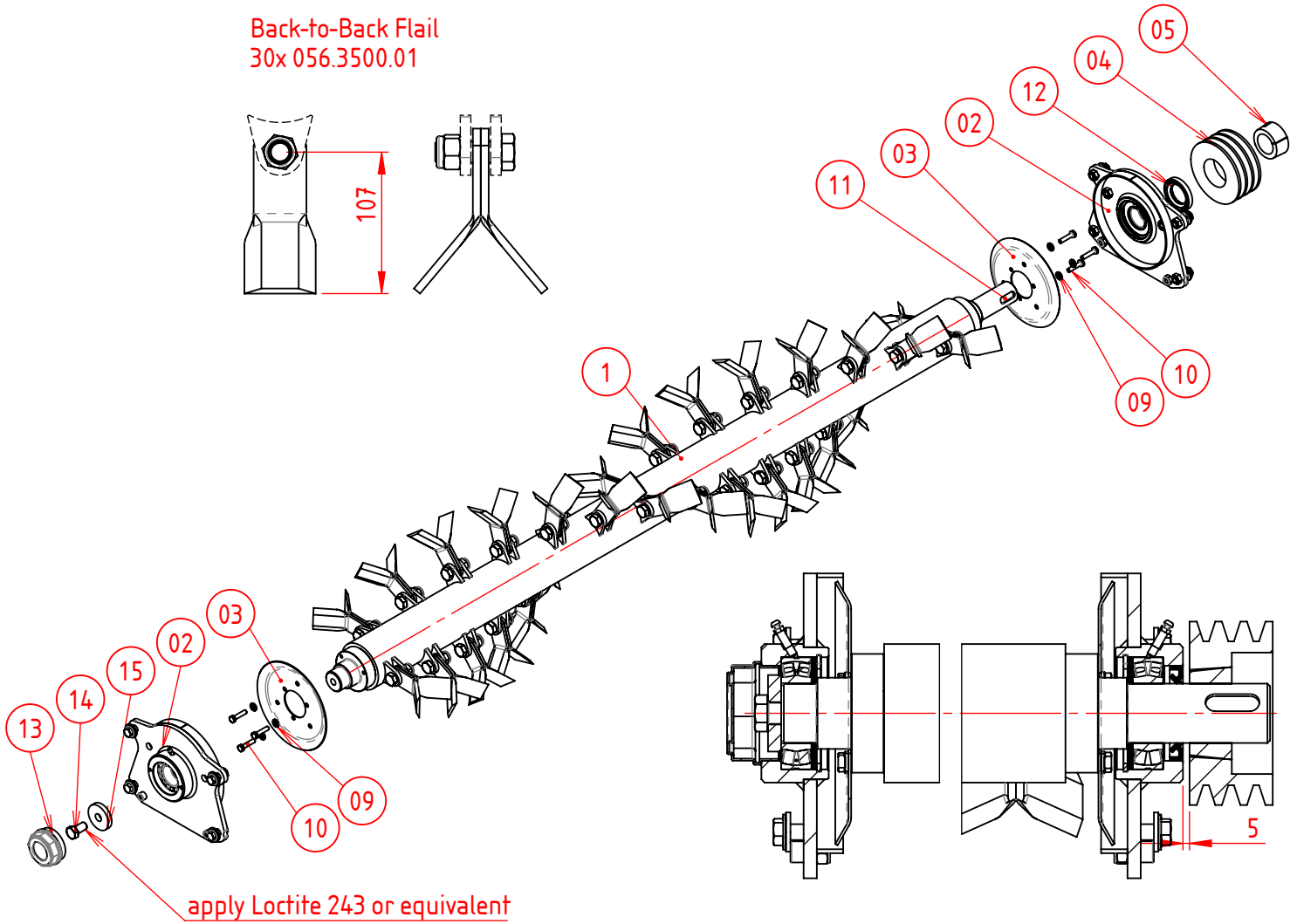
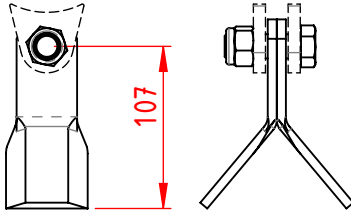
-	Drawn
5.45 kg	PCL 28-3-2013
	Release
	TS 15-7-2015

Sheet	1/1
Revision	-

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Available Set for 1.80m Rotor:

Back-to-Back Flail
 30x 056.3500.01



15	1	15.15240	Schijf Ø58x10 - Ø17				
14	1	90.9331630	Tapbout M16x30				
13	1	KR.912T72	Naafdop 72mm				
12	1	KR.457210CC	Keerring 45x72x10				
11	1	90.688514940	Inlegspie 14x9x40				
10	6	90.933816	Tapbout M8x16				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	1	17.10090	Klembus TP 2012-Ø45				
4	1	KR.132B3TL	V-snaarschijf 132B-3 TL	Taperlock 2012			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3300.05	HD Clip-on compleet	L=R			
1	1	056.3530.02	Rotor 1.80m LSM	Y-mes Zwaar			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

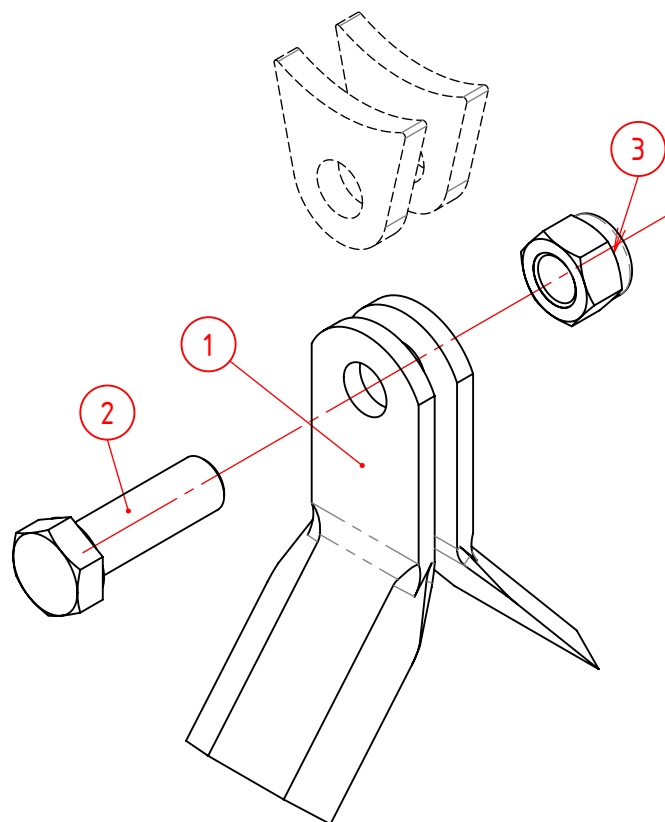
-		Remarks	PGM	-	Drawn	PCL	24-1-2014	Sheet	1/1
Qty per Machine	Weight	92.97 kg	Scale	1:13.5	Release	PV	10-3-2017	Revision	-

TRILO


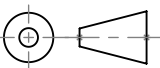
056.3530

056.3535.12-2Ref

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3	32	056.3530.11	Zelfborgende Moer M16x1.5	h=18mm			
2	32	056.3530.09	Tapbout M16x1.5- 50	12.9			
1	64	056.3530.08	Y-mes				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

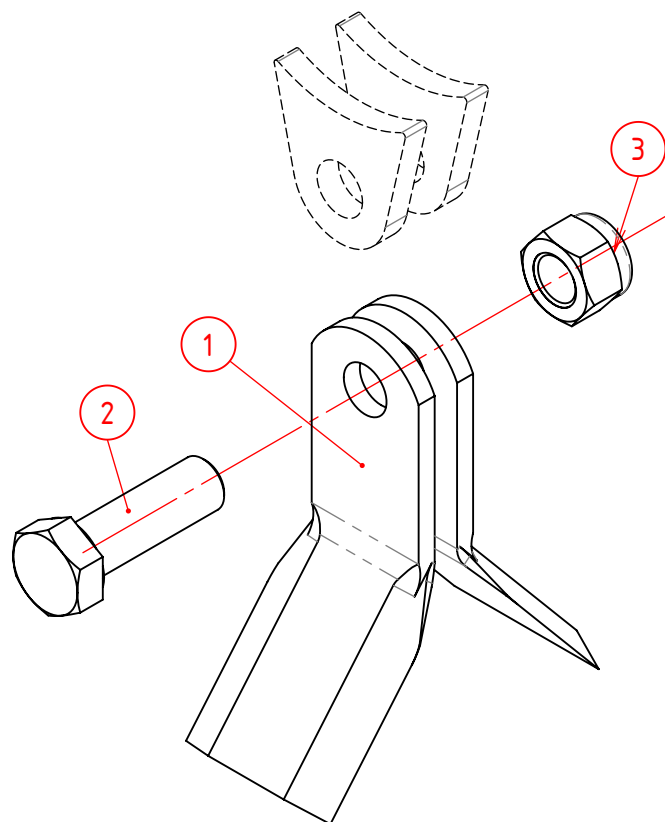
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Set Back-to-back messen 32x (2.00m)					
					Remarks Qty per Machine	Weight 0.17 kg	PGM Scale 1:2

Remove welding spatter
 Sheet metal unscratched


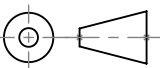
 Debur / Break sharp edges

056.3540.12-2Ref

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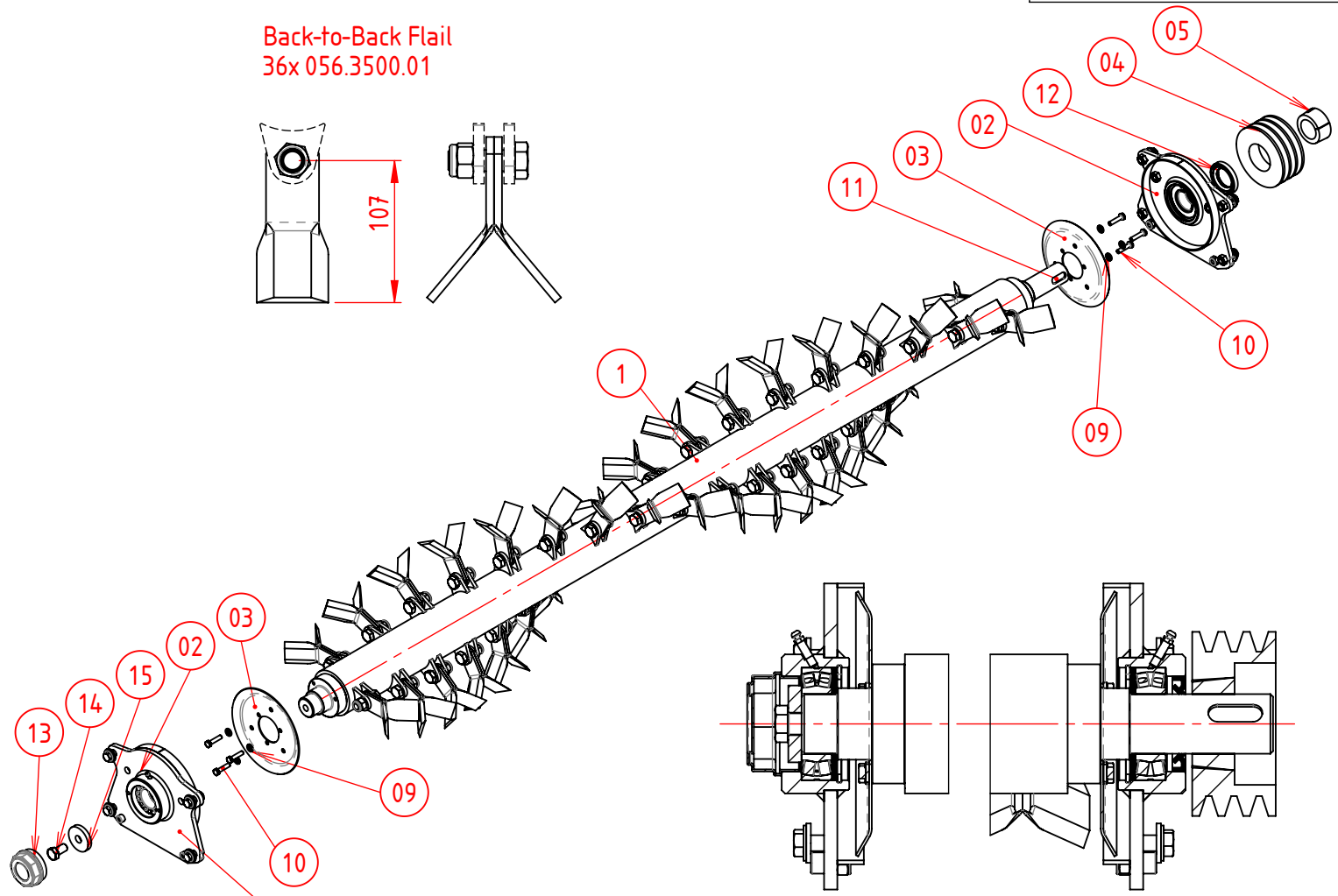
3	36	056.3530.11	Zelfborgende Moer M16x1.5	h=18mm			
2	36	056.3530.09	Tapbout M16x1.5- 50	12.9			
1	72	056.3530.08	Y-mes				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Set Back-to-back messen 36x (2.10m)									
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine		PGM Scale		Drawn PCL 15-4-2014 Release PCL 15-4-2014		Sheet 1/1 Revision -	
				Weight 0.17 kg		- 1:2					

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Available Set for 2.10m Rotor:

Back-to-Back Flail
 36x 056.3500.01



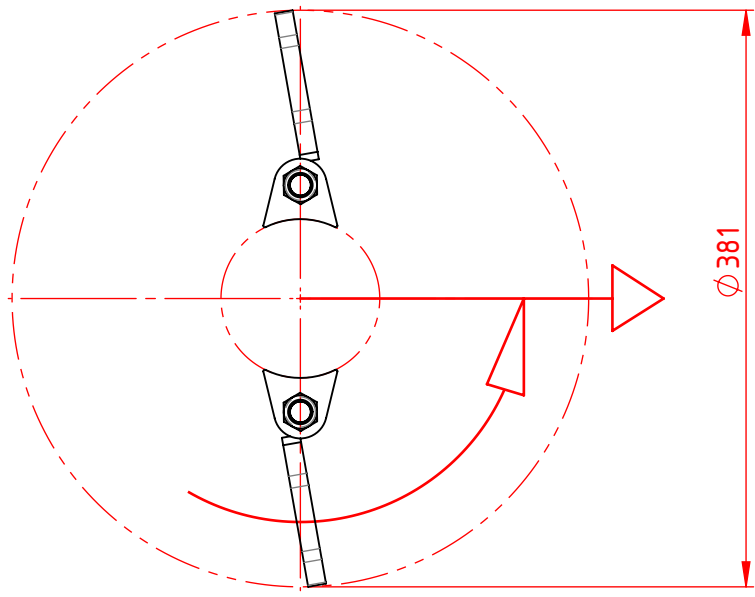
apply Loctite 243 or equivalent

15	1	15.15240	Schijf Ø58x10 - Ø17				
14	1	90.9331630	Tapbout M16x30				
13	1	KR.912T72	Naafdop 72mm				
12	1	KR.457210CC	Keerring 45x72x10				
11	1	90.688514940	Inlegspie 14x9x40				
10	6	90.933816	Tapbout M8x16				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	1	17.10090	Klembus TP 2012-Ø45				
4	1	KR.132B3TL	V-snaarschijf 132B-3 TL	Taperlock 2012			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3300.05	HD Clip-on compleet	L=R			
1	1	056.3540.02	Rotor 2.10m LSM	Y-mes Zwaar			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

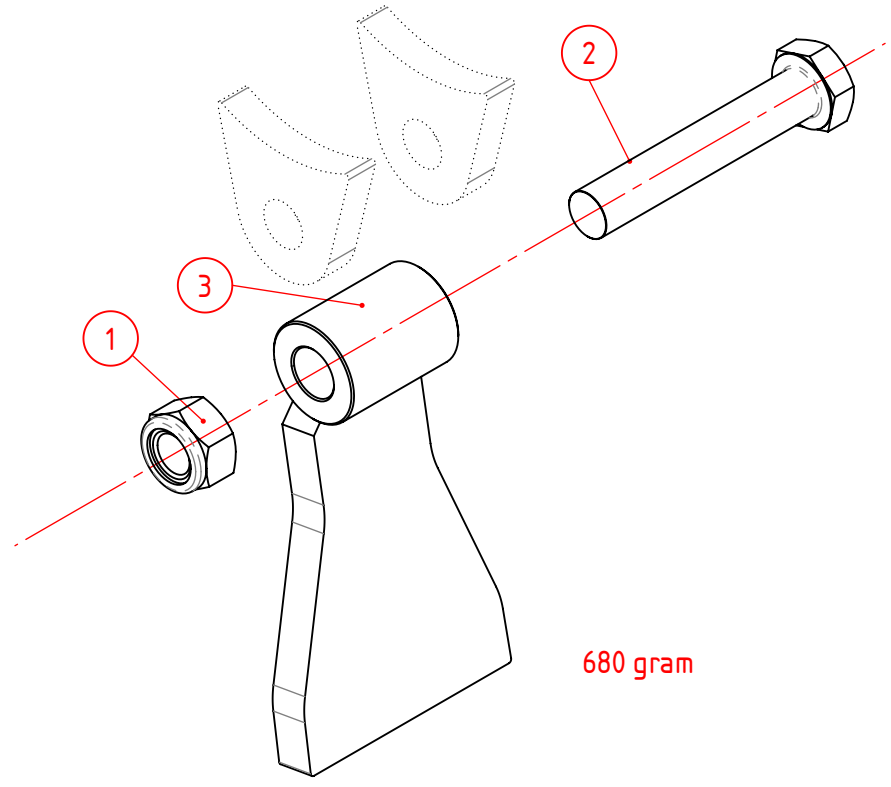
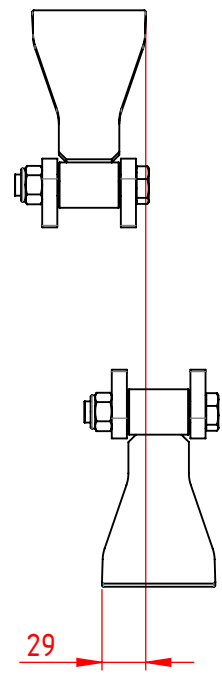
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Rotor 2.10m Y-mes Zwaar				
		Remarks Qty per Machine Weight		PGM Scale		Drawn PCL 15-4-2014 Release PV 10-3-2017
Remove welding spatter Sheet metal unscratched Deburr / Break sharp edges	DO NOT SCALE DRAWING			105.76 kg	1:13.5	Sheet 1/1 Revision -

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Width	QTY
1.80	28x
2.00	30x
2.10	32x
2.40	36x



Rotating Direction:



680 gram

Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
3	1	90.9311480109	Zeskantbout M14x80	10.9			
2	1	90.98514	Zelfborgende Moer M14				
1	1	056.3600.02	Klepelmes Plat 75x12mm				

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Klepelmes Plat 75x12mm

SET: incl bout en moer

Remarks	PGM	-
Qty per Machine	Weight	1.11 kg
	Scale	1:2

TRILO

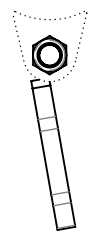
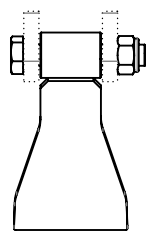
056.3600.01

Drawn	PCL 1-12-2014	Sheet	1/1
Release	PCL 26-8-2015	Revision	-

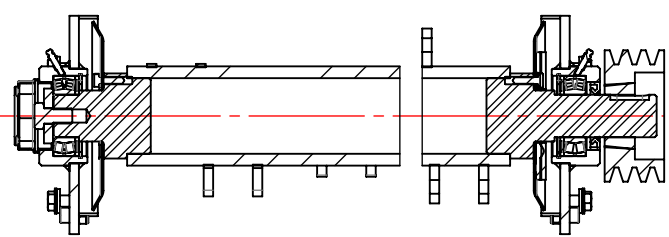
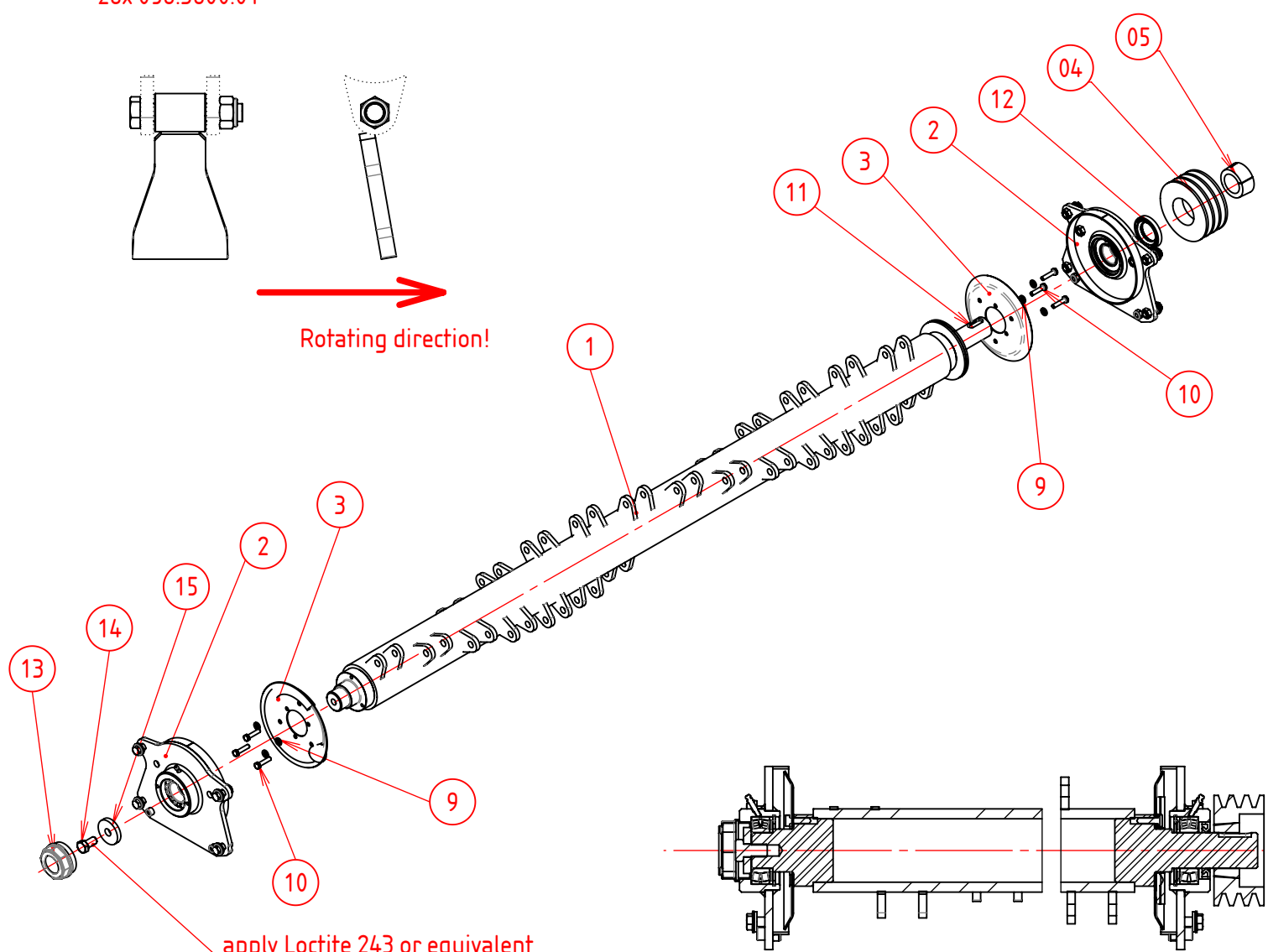
056.3630-Zref

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Available set for 1.80m rotor:
 28x 056.3600.01



Rotating direction!



15	1	15.15240	Schijf Ø58x10 - Ø17				
14	1	90.9331630	Tapbout M16x30				
13	1	KR.912T72	Naafdop 72mm				
12	1	KR.457210CC	Keerring 45x72x10				
11	1	90.688514940	Inlegspie 14x9x40				
10	6	90.933816	Tapbout M8x16				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	1	17.10090	Klembus TP 2012-Ø45				
4	1	KR.132B3TL	V-snaarschijf 132B-3 TL	Taperlock 2012			
3	2	056.3100.04	Antiwikkelplaat				
2	2	056.3300.05	HD Clip-on compleet	L=R			
1	1	056.3630.04	Rotor 1.80m LSM	Vlakke Klepelmessen			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Rotor 1.80m

Vlakke Klepelmessen

Remarks	PGM	-
Qty per Machine	Weight	78.77 kg
Scale	1:13.5	

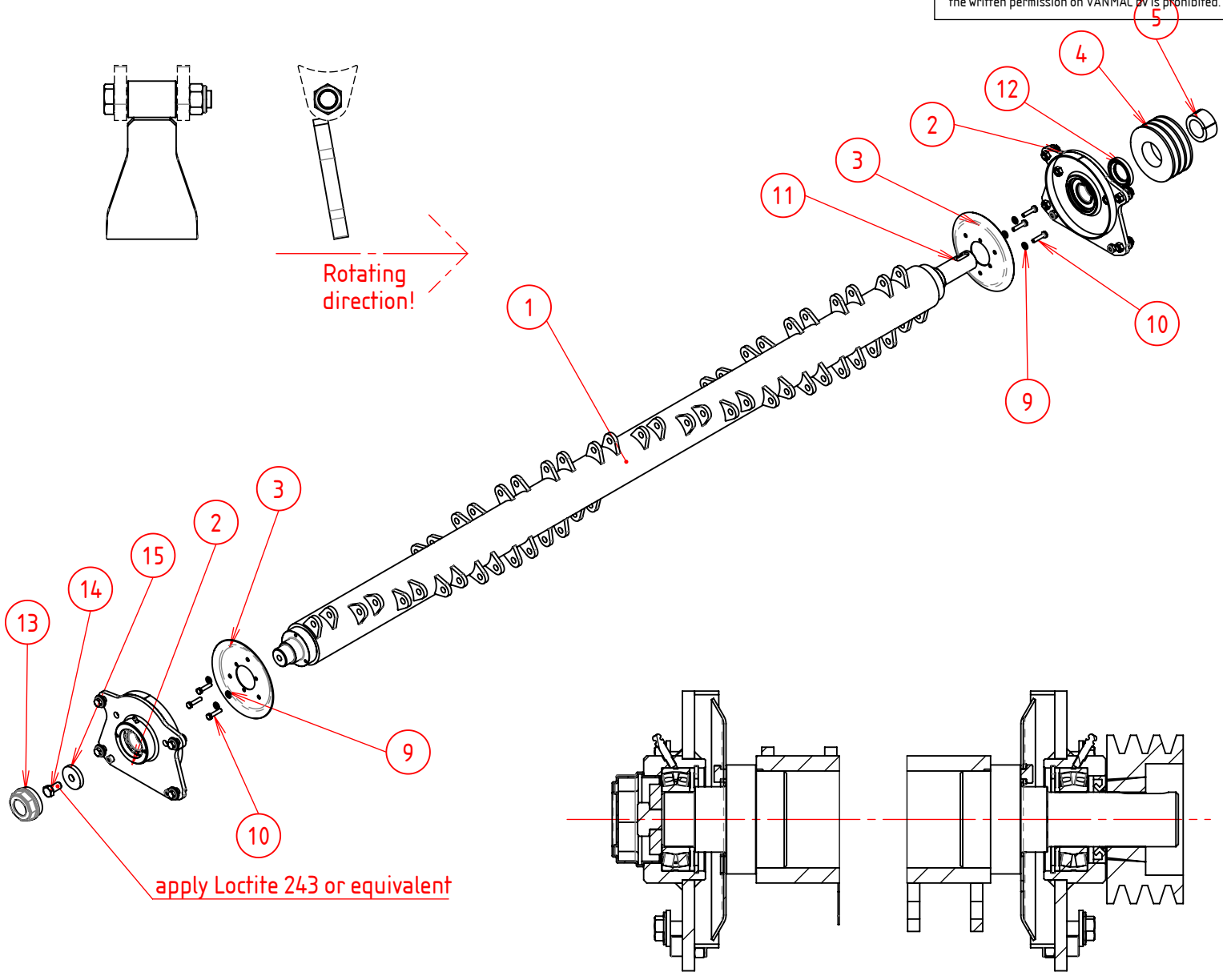
056.3630

Drawn	STAGE	4-9-2014	Sheet	1/1
Release	PCL	5-9-2017	Revision	-

056.3640-ZRef

Available set for 2.10m rotor:
32x 056.3600.01

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15	1	15.15240	Schijf Ø58x10 - Ø17				
14	1	90.9331630	Tapbout M16x30				
13	1	KR.912T72	Naafdop 72mm				
12	1	KR.457210CC	Keerring 45x72x10				
11	1	90.688514940	Inlegspie 14x9x40				
10	6	90.933816	Tapbout M8x16				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	1	17.10090	Klembus TP 2012-Ø45				
4	1	KR.132B3TL	V-snaarschijf 132B-3 TL	Taperlock 2012			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3300.05	HD Clip-on compleet	L=R			
1	1	056.3640.04	Rotor 2.10m LSM	Vlakke Klepelmesen			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Rotor 2.10m

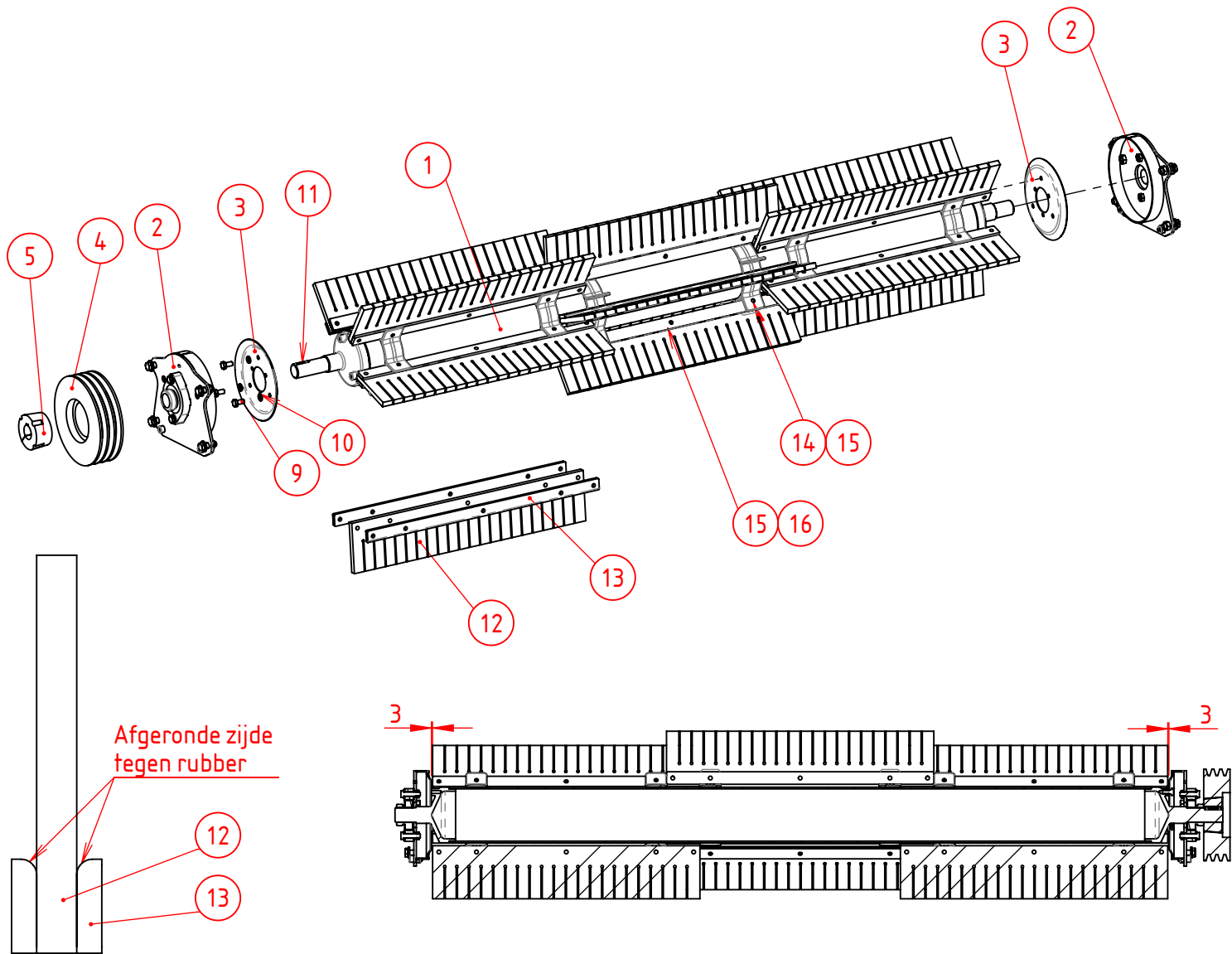
Vlakke Klepelmesen

Remarks	PGM	-
Qty per Machine	Weight	86.71 kg
	Scale	1:14

056.3640

Drawn	PCL 26-11-2014	Sheet	1/1
Release	PV 10-3-2017	Revision	-

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Afgeronde zijde tegen rubber

16	45	90.931845	Zeskantbout M8x45				
15	75	90.9858	Zelfborgende Moer M8				
14	30	90.931855	Zeskantbout M8x55				
13	30	056.3730.02	Strip 640mm				
12	15	056.3730.01	Rubber Borstelflap 640mm	S-serie			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.212B3TL	V-snaarschijf 212B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3130.01	Borstelas 1.80m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Flappenborstel 1.80m cmpl.
 mech.

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	PCL 11-6-2015	1/1
Weight	1:15	Release	Revision
109.08 kg		TS 13-3-2018	-

TRILO

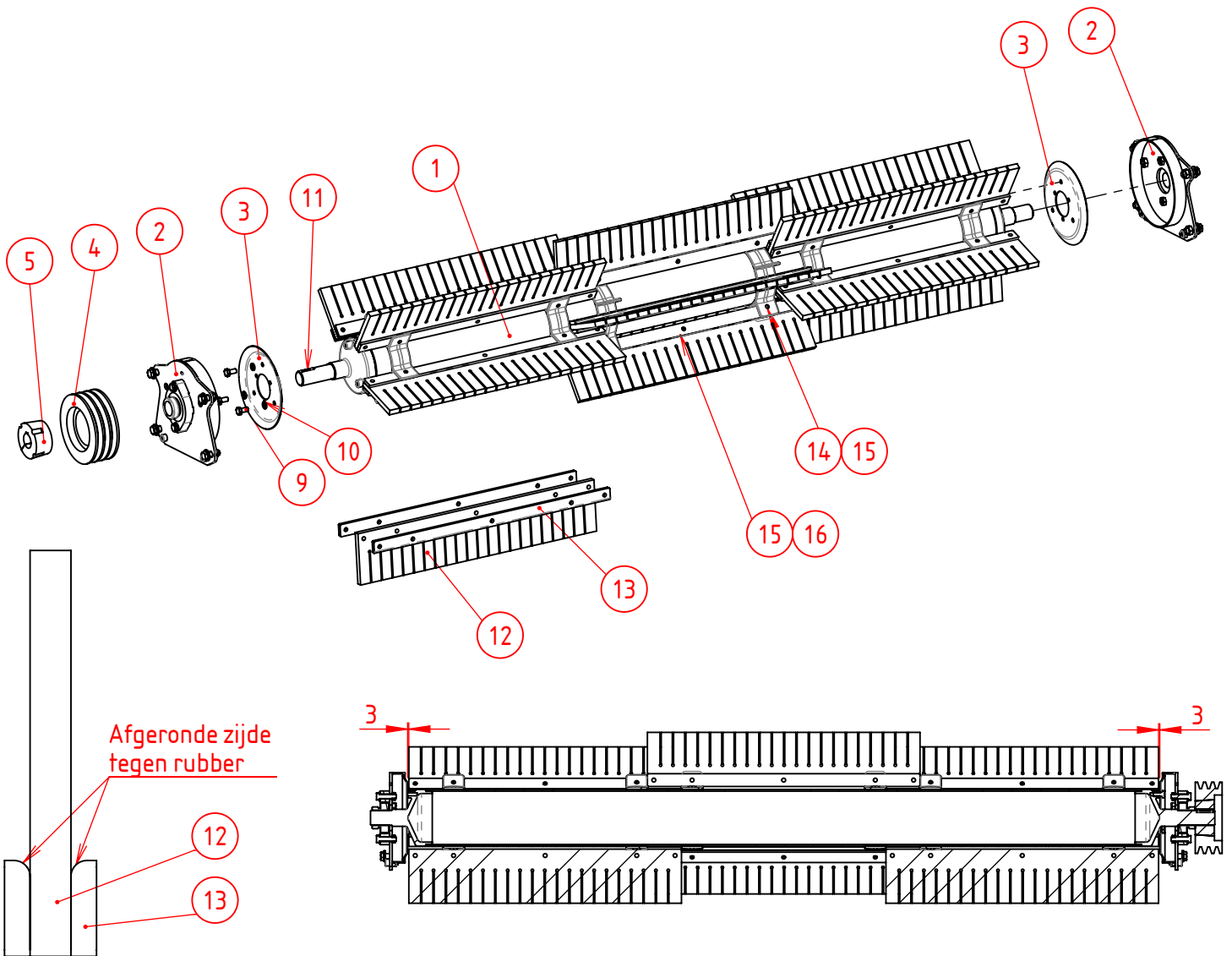
056.3730

056.3732 - ZRefl

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V-belt Pulley S8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	



Afgeronde zijde tegen rubber

16	45	90.931845	Zeskantbout M8x45				
15	75	90.9858	Zelfborgende Moer M8				
14	30	90.931855	Zeskantbout M8x55				
13	30	056.3730.02	Strip 640mm				
12	15	056.3730.01	Rubber Borstelflap 640mm	S-serie			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.160B3TL	V-snaarschijf 160B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3130.01	Borstelas 1.80m LSM				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

Tolerances unless stated:
ISO 2768-mK

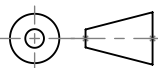
Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Flappenborstel 1.80m cmpl.

hydr.



Remarks

Qty per Machine

Weight

102.81 kg

PGM

Scale

Drawn

TS 27-10-2017

Release

TS 13-3-2018

Sheet

1/1

Revision

-

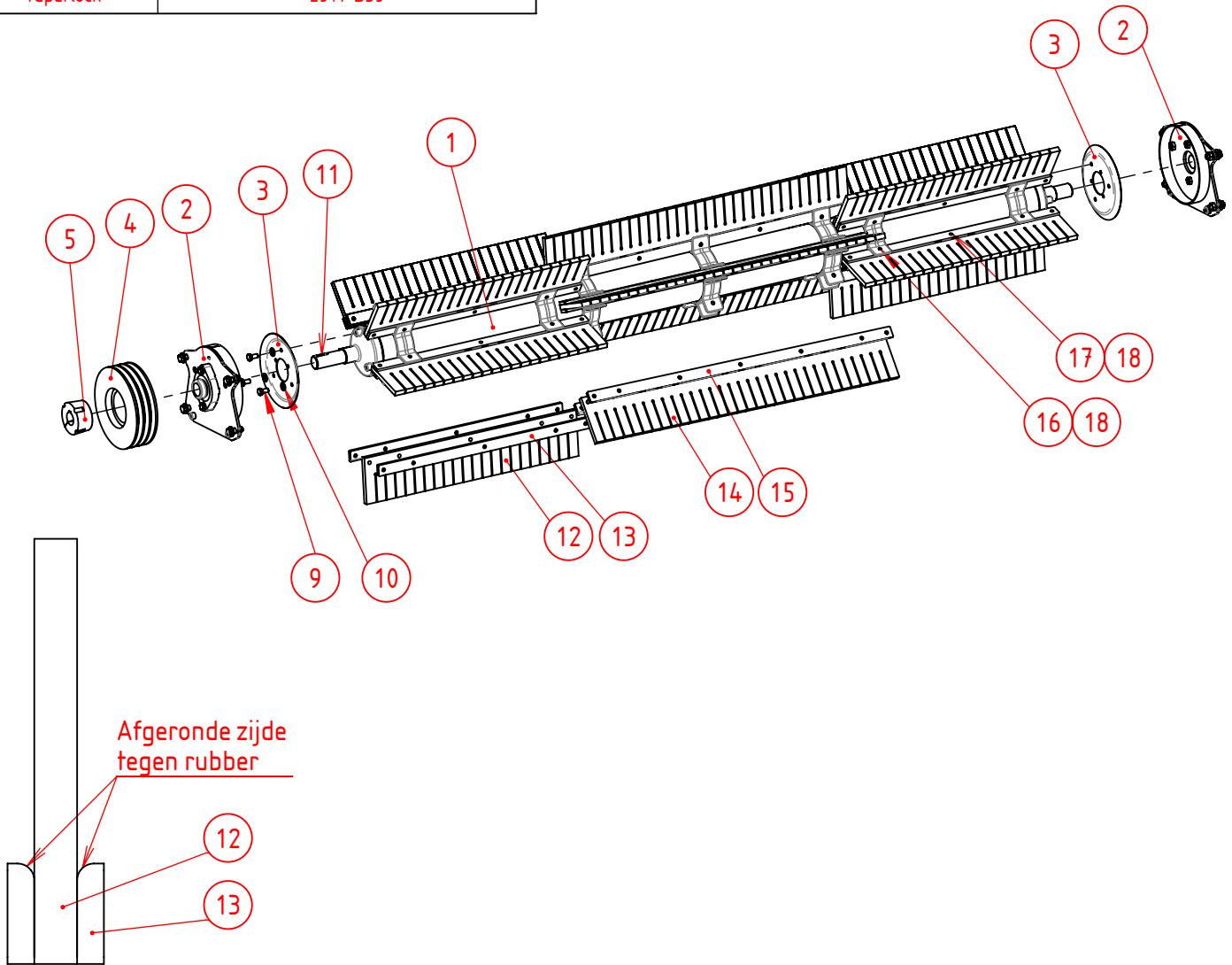


056.3732

056.3740-ZRef

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V-belt Pulley s8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	



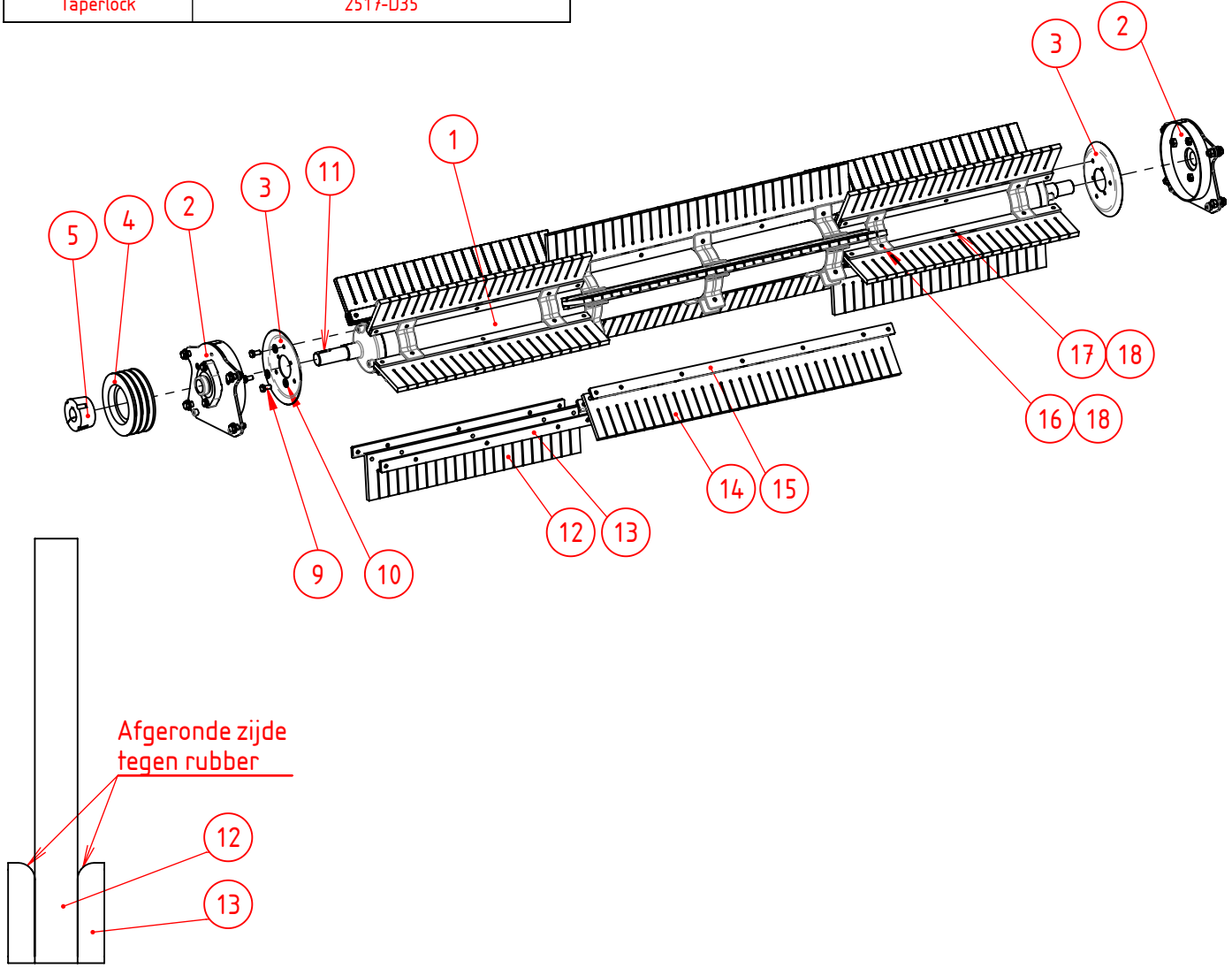
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
18	85	90.9858	Zelfborgende Moer M8				
17	50	90.931845	Zeskantbout M8x45				
16	35	90.931855	Zeskantbout M8x55				
15	10	056.3740.02	Strip 910mm				
14	5	056.3740.01	Rubber Borstelflap 910mm	S-serie			
13	20	056.3730.02	Strip 640mm				
12	10	056.3730.01	Rubber Borstelflap 640mm	S-serie			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.212B3TL	V-snaarschijf 212B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3140.01	Borstelas 2.10m LSM				

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Flappenborstel 2.10m cmpl. mech.			
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		056.3740	
		Remarks Qty per Machine	Weight 132.68 kg	PGM Scale 1:17.5	Drawn PCL 11-6-2015 Release TS 13-3-2018
				Sheet 1/1 Revision -	

056.3742 - ZRef

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V-belt Pulley s8		
	Mech drive	Hydr. drive
Pulley	212-B3	160-B3
Taperlock	2517-D35	

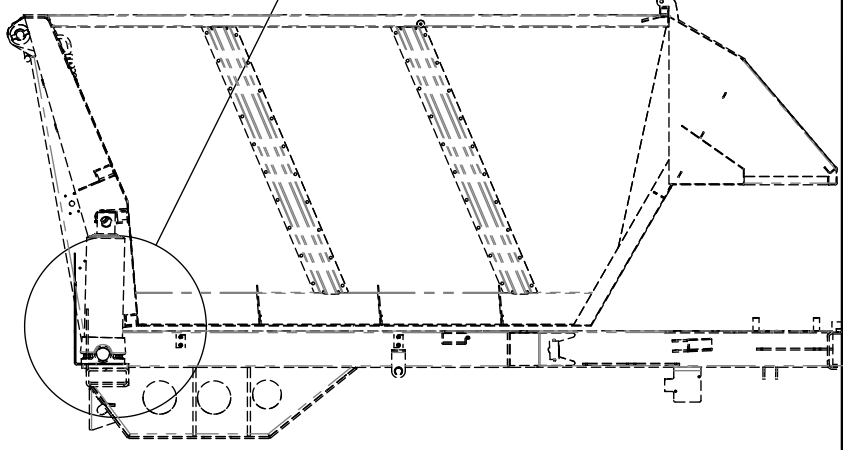
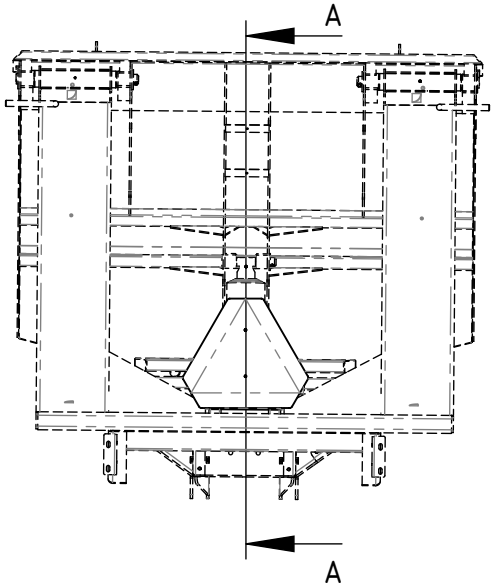
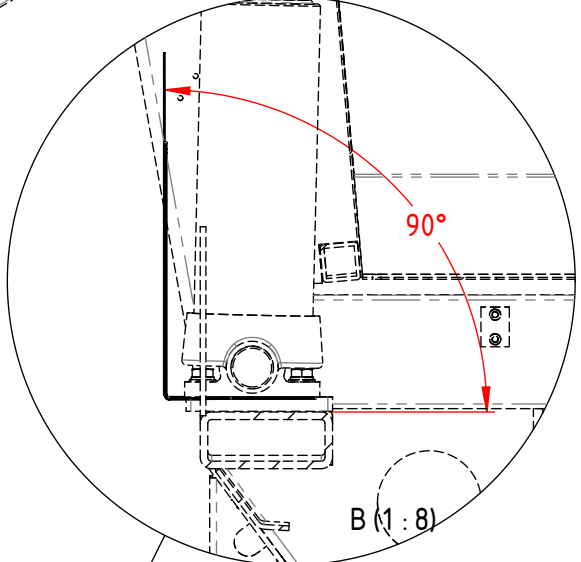
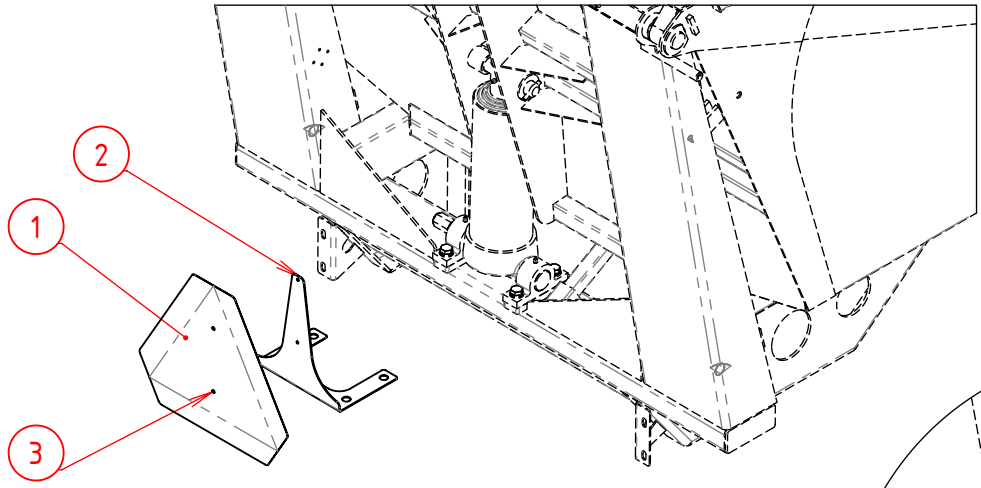


Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
18	85	90.9858	Zelfborgende Moer M8				
17	50	90.931845	Zeskantbout M8x45				
16	35	90.931855	Zeskantbout M8x55				
15	10	056.3740.02	Strip 910mm				
14	5	056.3740.01	Rubber Borstelflap 910mm	S-serie			
13	20	056.3730.02	Strip 640mm				
12	10	056.3730.01	Rubber Borstelflap 640mm	S-serie			
11	1	90.688510830	Inlegspie 10x8x30				
10	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
9	6	90.933816	Tapbout M8x16				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.160B3TL	V-snaarschijf 160B-3 TL	Taperlock 2517			
3	2	056.3100.04	Antiwickelplaat				
2	2	056.3200.06	Clip-on compleet	L=R			
1	1	056.3140.01	Borstelas 2.10m LSM				

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Flappenborstel 2.10m cmpl. hydr.				
		056.3742				
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 126.41 kg	PGM Scale 1:17.5	Drawn TS 27-10-2017 Release TS 13-3-2018	Sheet 1/1 Revision -

063.4501-2Rev

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A-A (1 : 25)

3	2	40.18230	Blindklinknagel 5x16 Aluminium	Gesipa Alu/Staal			
2	1	063.4501.02	Steun LRV Driehoek				
1	1	KR.WB10105	Bord L.R.V. Metaal				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

DO NOT SCALE DRAWING

Steun L.R.V. driehoek

-

Remarks

Qty per Machine

Weight

20593.07 kg

PGM

Scale

1:15

TRILO

063.4501

Drawn
 PCL 20-2-2018

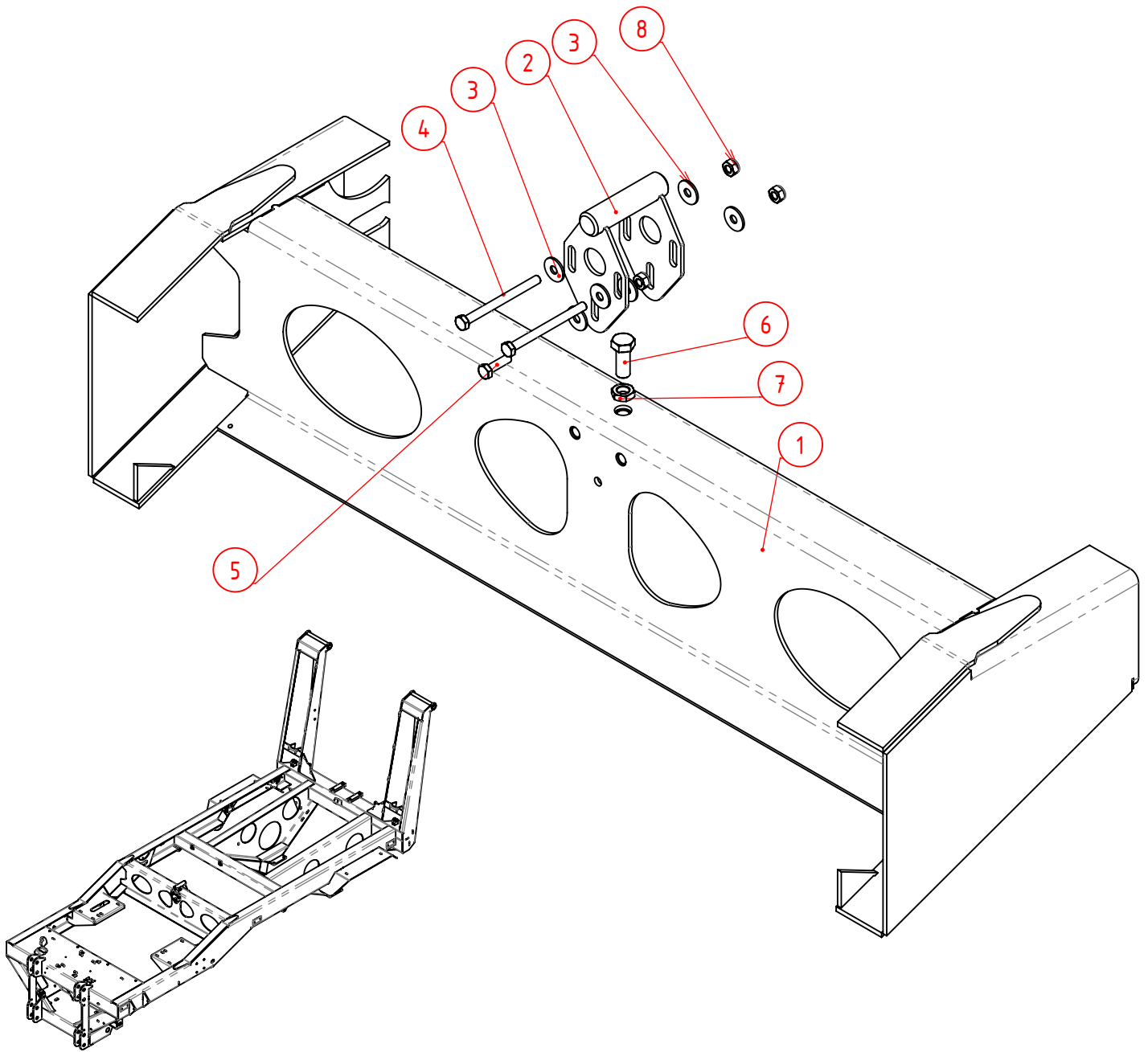
Sheet
 1/1

Release
 PCL 20-2-2018

Revision
 -

069.0103 - Zref

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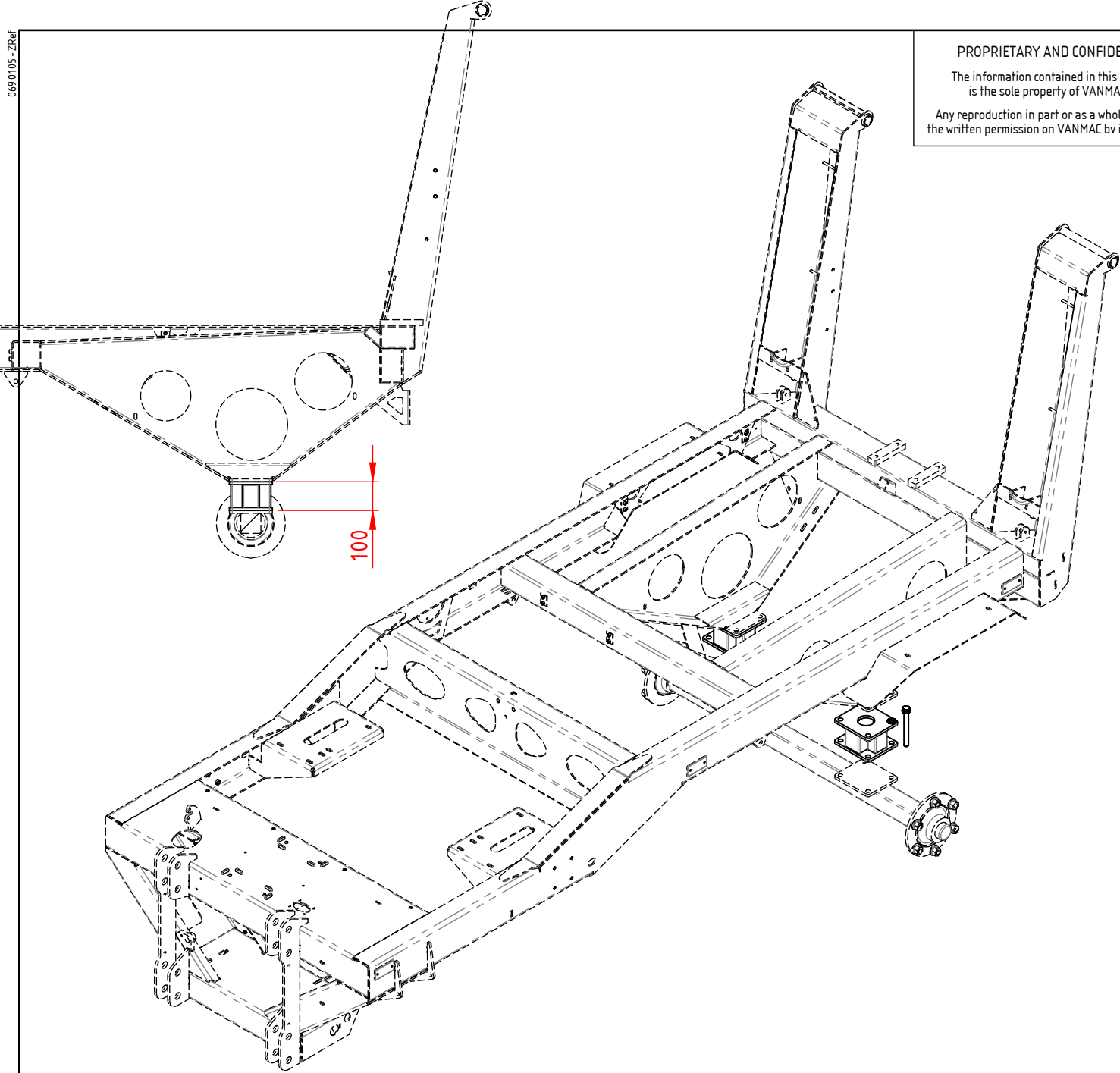


8	3	90.98510	Zelfborgende Moer M10				
7	1	90.93616	Lage Moer M16				
6	1	90.9331640	Tapbout M16x40				
5	1	90.9311040	Zeskantbout M10x40				
4	2	90.93110120	Zeskantbout M10x120				
3	6	90.125A10	Sluitring M10				
2	1	069.0103.46	Centreernok verstelbaar				
1	1	069.0103.02	Hoofdframe S4	LSM			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Hoofdframe compleet				
					069.0103	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 33.02 kg	PGM Scale 1:7	Drawn STAGE 21-12-2016 Release PV 27-3-2017	Sheet 1/1 Revision -

069.0105 - ZRef

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4	16	90.125A16	Sluistring M16					
3	8	90.98516	Zelfborgende Moer M16					
2	8	90.93116150	Zeskantbout M16x150					
1	2	069.0105.02	Vulblok Wielas	icm extra maaihoogte				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Vulblok wielas
 h=100mm

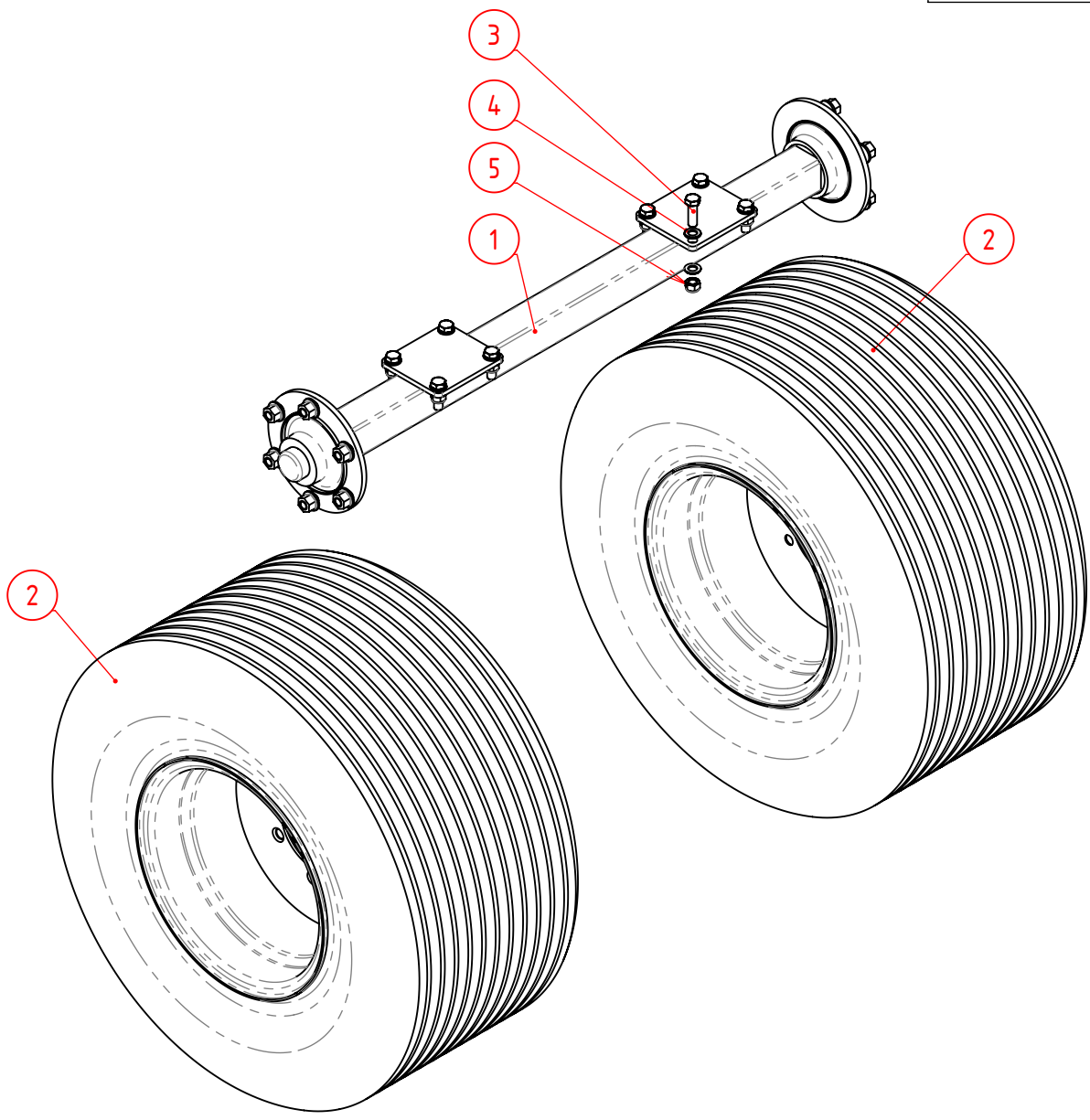
Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	PCL 19-1-2017	1/1
Weight	1:20	Release	Revision
452.27 kg		PCL 20-1-2017	-

069.0105


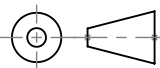
069.0203 - Zref

Opmerking:
**Alleen in combinatie met verhoogde maaihogte
 wielas op vulblokken zetten (zie 069.0105).**

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5	8	90.98516	Zelfborgende Moer M16					
4	16	90.125A16	Sluistring M16					
3	8	90.9331650	Tapbout M16x50					
2	2	55.W500-50R17	Wiel 500/50R17 Continental MPT	ET0 6/161/205 - 40km/h				
1	1	069.0203.01	Wielas 70x1300 Ongeremd lsm	Naaf: 6-161-205				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Wielas compleet ongeremd 500/50				
					Remarks Qty per Machine: 1	PGM Scale: 1:12.5
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges						

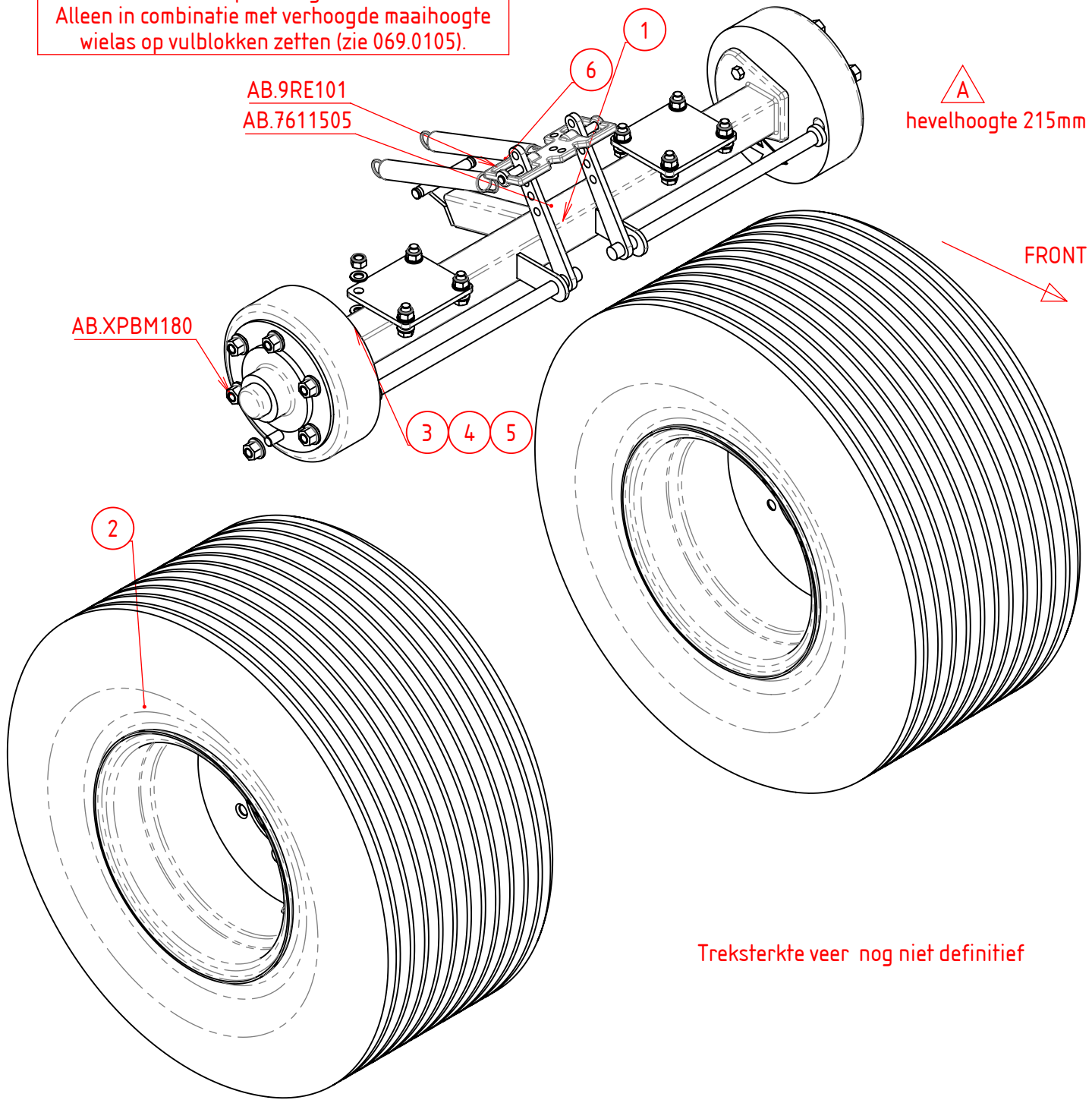
069.0211 - Z-Ref

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	hevelhoogte gewijzigd van 240 naar 215mm ivm nieuwe berekening BPW	22-2-2018	PCL

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Opmerking:
 Alleen in combinatie met verhoogde maaihogte wielas op vulblokken zetten (zie 069.0105).



Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
6	2	45.021020	Trekveer. Verzinkt Ø4x35-242mm				
5	8	90.98516	Zelfborgende Moer M16				
4	16	90.125A16	Sluistring M16				
3	8	90.9331650	Tapbout M16x50				
2	2	55.W500-50R17	Wiel 500/50R17 Continental MPT	ET0 6/161/205 - 40km/h			
1	1	069.0211.01	Wielas 70x1300 Rem 300x90 309R	Naaf 6-161-205 Backmatic			

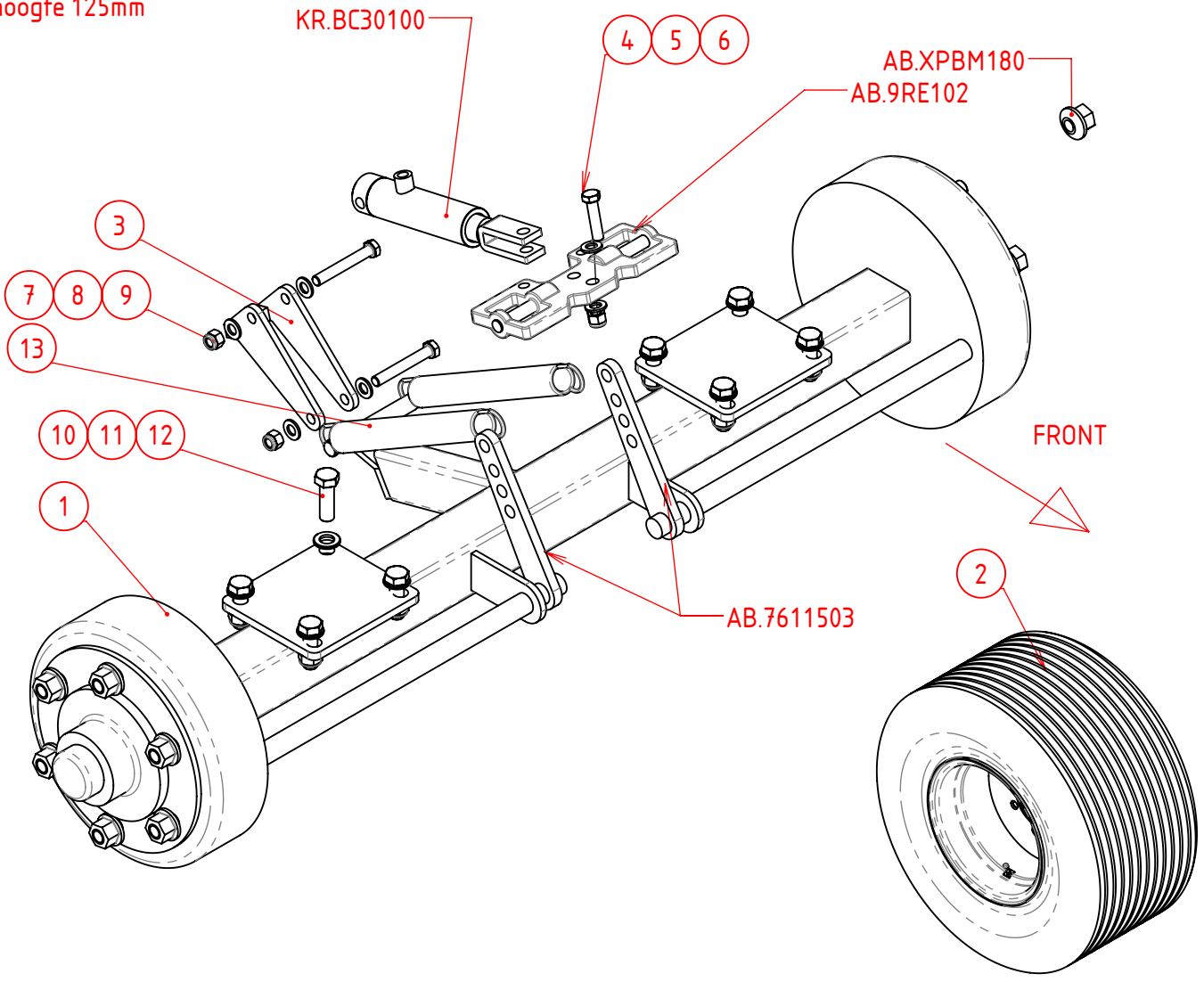
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Wielas compleet oplooppem 500/50 - 70x1300 Backmatic			
		Remarks Qty per Machine: 1 Weight: 169.46 kg		PGM: - Scale: 1:10	Drawn STAGE: 4-10-2016 Release: PCL 22-2-2018

069.0212 - Z-Ref

Opmerking:
Alleen in combinatie met verhoogde maaihoogte wielas op vulblokken zetten (zie 069.0105).

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Hevelhoogte 125mm



Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
13	2	45.021020	Trekveer. Verzinkt Ø4x35-242mm				
12	16	90.125A16	Sluitring M16				
11	9	90.9331650	Tapbout M16x50				
10	8	90.98516	Zelfborgende Moer M16				
9	2	90.98512	Zelfborgende Moer M12				
8	4	90.125A12	Sluitring M12				
7	2	90.9331280	Tapbout M12x80				
6	1	90.98514	Zelfborgende Moer M14				
5	2	90.125A14	Sluitring M14				
4	1	90.9311450	Zeskantbout M14x50				
3	1	069.0212.03	Tuimelstuk Rem S4				
2	2	55.W500-50R17	Wiel 500/50R17 Continental MPT	ET0 6/161/205 - 40km/h			
1	1	069.0212.01	Wielas 70x1300 Rem 300x60 306E	Naaf: 6-161-205 Hydr.geremd			

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3824 MJ AMERSFOORT
the Netherlands

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Wielas compleet Hydr. rem

500/50 - 70x1300 300x60

Remarks	-	PGM	-
Qty per Machine		Scale	1:7.5
Weight	kg	Release	PCL 24-3-2017

TRILO

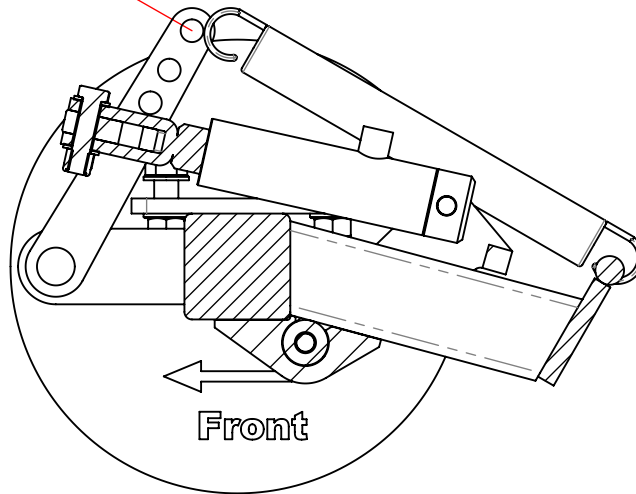
069.0212

Drawn	PV 24-1-2017	Sheet	1/2
Revision	A		


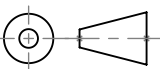
069.0212 - Z-Ref

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Optioneel: trekkabel parkeerrem

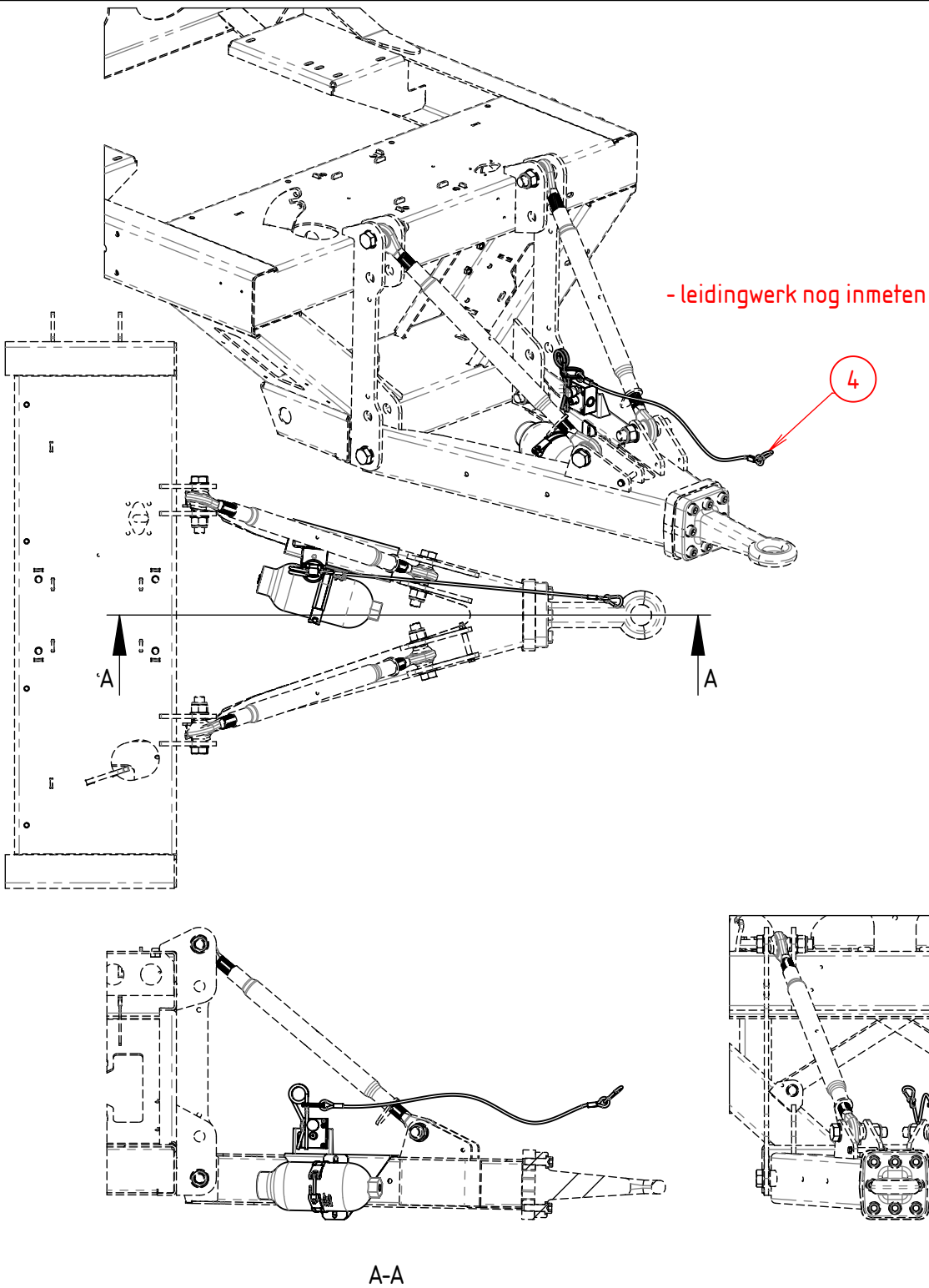


A-A (1 : 5)

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Wielas compleet Hydr. rem 500/50 - 70x1300 300x60				
		Remarks - Qty per Machine Weight kg			069.0212	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			PGM - Scale 1:7.5	Drawn PV 24-1-2017 Release PCL 24-3-2017	Sheet 2/2 Revision A	

069.0250-Zref

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4	1	KR.KH06	Karabijnhaak 60x6mm Gegalv				
3	1	069.0250.08	Steun Remventiel				
2	1	KR.1149110	breekkabel met oog	1050mm			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

DO NOT SCALE DRAWING

Hydraulisch Noodremventiel
 (Zwitserland)

Remarks

Qty per Machine

Weight

490.53 kg

PGM

Scale

1:15

TRILO

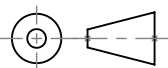
069.0250

Drawn
 PCL 26-1-2017

Release
 PV 8-5-2017

Sheet
 1/1

Revision
 -

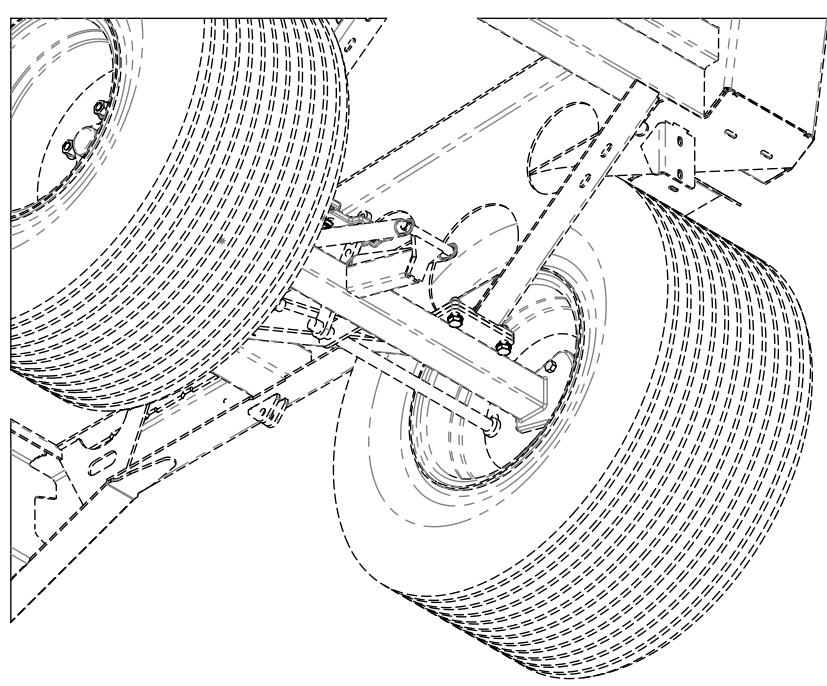
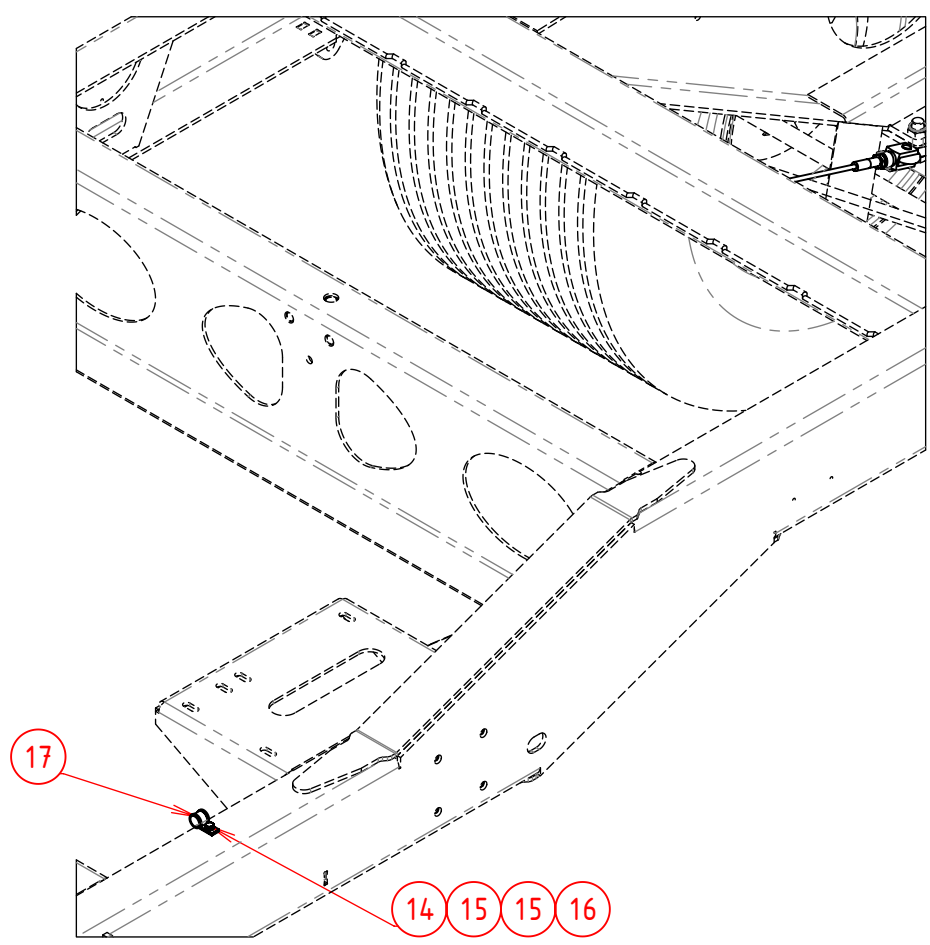



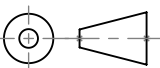
069.0253 - Z-Ref

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Hevelhoogte gewijzigd van 240 naar 215mm ivm nieuwe berekening BPW	22-2-2018	PCL

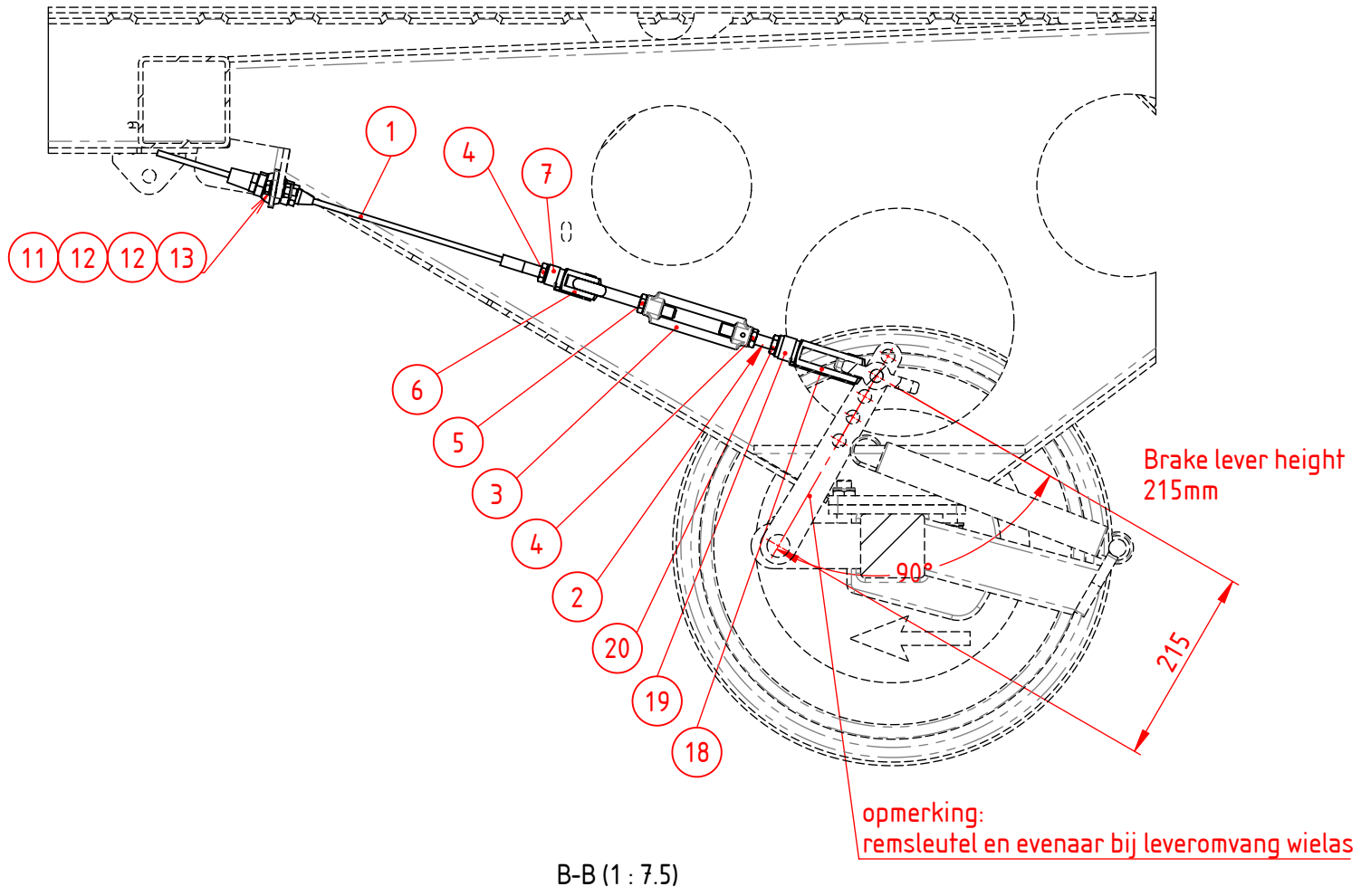
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Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Remkabelset Oplooprem S4				
					069.0253	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks -	PGM -	Drawn PCL 1-2-2017 Release TS 26-2-2018	Sheet 1/3 Revision A
			Qty per Machine	Weight 695.55 kg	Scale 1:25	

069.0253 -Zref

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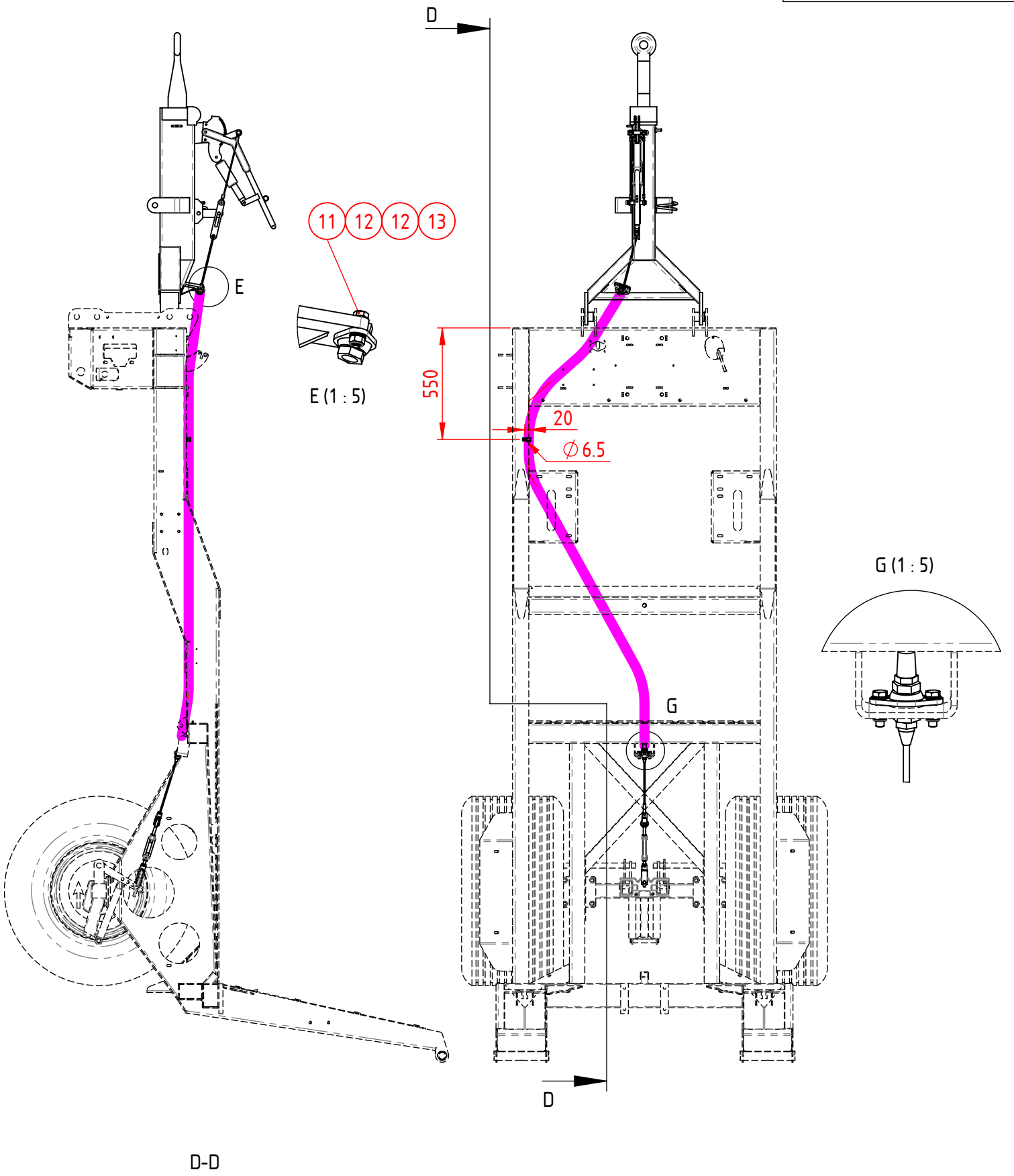


17	1	KR.SMSL15	Leidingbeugel 15 mm				
16	1	90.9856	Zelfborgende Moer M6				
15	2	90.125A6	Sluitring M6				
14	1	90.933625	Tapbout M6x25				
13	4	90.9858	Zelfborgende Moer M8				
12	8	90.125A8	Sluitring M8				
11	4	90.933830	Tapbout M8x30				
10	1	90.93614	Lage Moer M14				
9	1	KR.G1456B	Clip Stelgaffel M14x56				
8	1	KR.G1456Z	Stelgaffel M14x56 Verzinkt	EXCL Clip			
7	1	OV.37750267	Snelsluiting Voor Gaffel 12x24				
6	1	OV.37740288	Stelgaffel M12x24 Verzinkt				
5	1	90.93412L	Moer M12 Links				
4	2	90.93612	Lage Moer M12				
3	1	KR.148012GG	Spanschroef 2 Ogen M12				
2	1	55.45102	Draadeind M12/M14 L=92	Rechtse draad			
1	1	069.0253.01	Remkabel L1=3250 / L2=2630				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK	Remkabelset Oplooprem S4				
	Sheet-Metal Bending: ISO 2768-cl				069.0253	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING		Remarks -	PGM -	Drawn PCL 1-2-2017	Sheet 2/3
		Qty per Machine	Weight	Scale	Release	Revision
			695.55 kg	1:25	TS 26-2-2018	A

069.0253 - ZRev

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

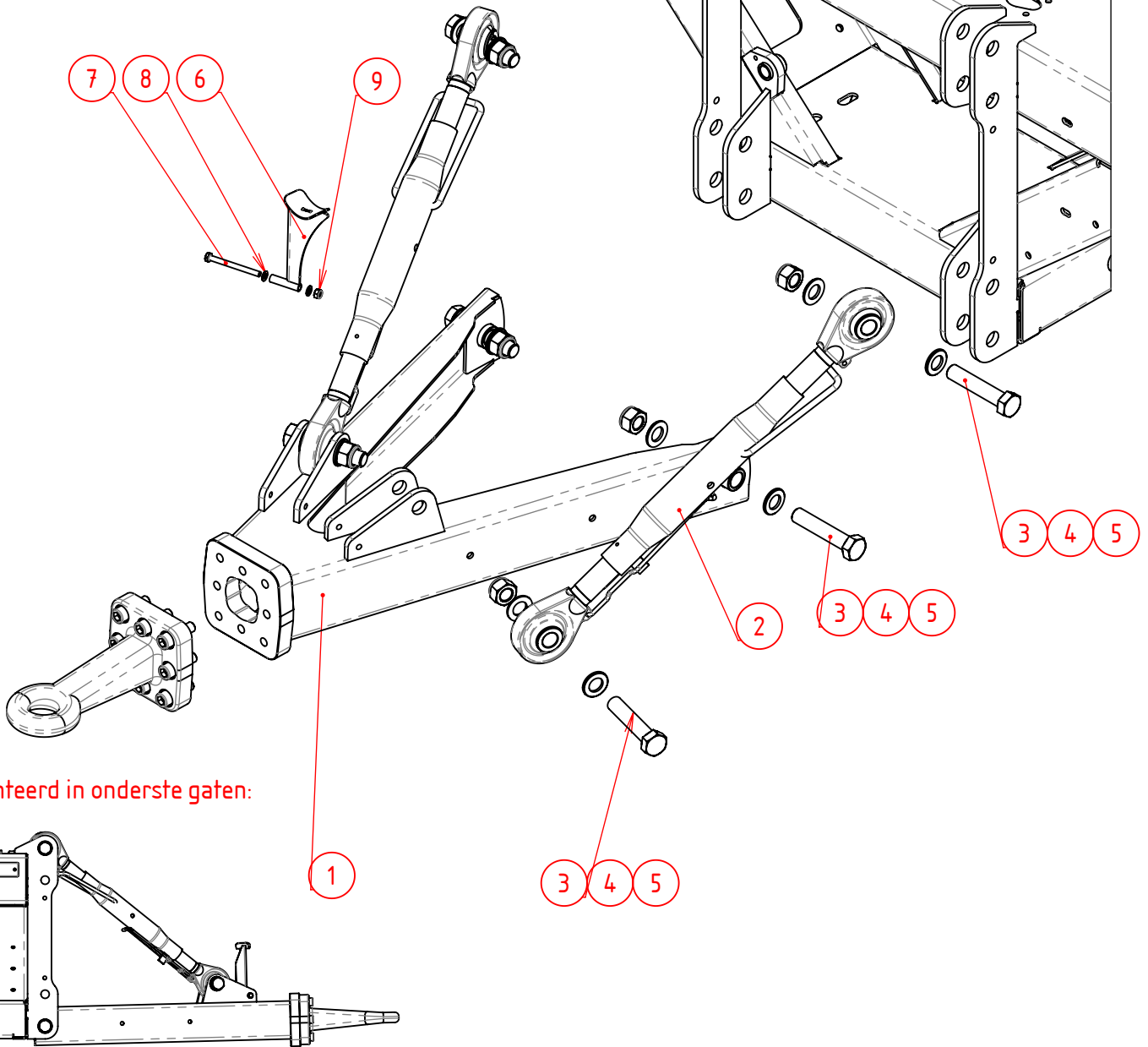
Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

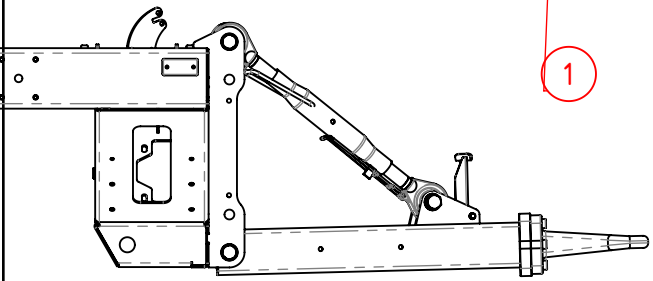
DO NOT SCALE DRAWING

Remkabelset Oplooprem S4		PGM	-
Remarks	-	Scale	1:25
Qty per Machine	Weight	695.55 kg	

TRILO	
069.0253	
Drawn	PCL 1-2-2017
Release	TS 26-2-2018
Sheet	3/3
Revision	A



Dissel gemonteerd in onderste gaten:



Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
9	1	90.9858	Zelfborgende Moer M8				
8	2	90.125A8	Sluitring M8				
7	1	90.931890	Zeskantbout M8x90				
6	1	056.0341.03	Aftakasteun				
5	6	90.98524	Zelfborgende Moer M24				
4	12	90.125A24	Sluitring M24				
3	6	90.93124120	Zeskantbout M24x120	Klasse 8.8			
2.2	1	KR.TLZ175362L	Spindel M36x3 L. Cat.2				
2.1	1	KR.TLZ175362R	Spindel M36x3 R. Cat.2				
2	2	KR.TLZ4003622	Topstang 400-M36 Cat.2				
1	1	069.0302.04	Trekhaak S4	LSM			

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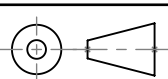
Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Ondertrekhaak
mech. verstelbaar



Remarks	-
Qty per Machine	Weight
	494.50 kg

PGM	-
Scale	1:10

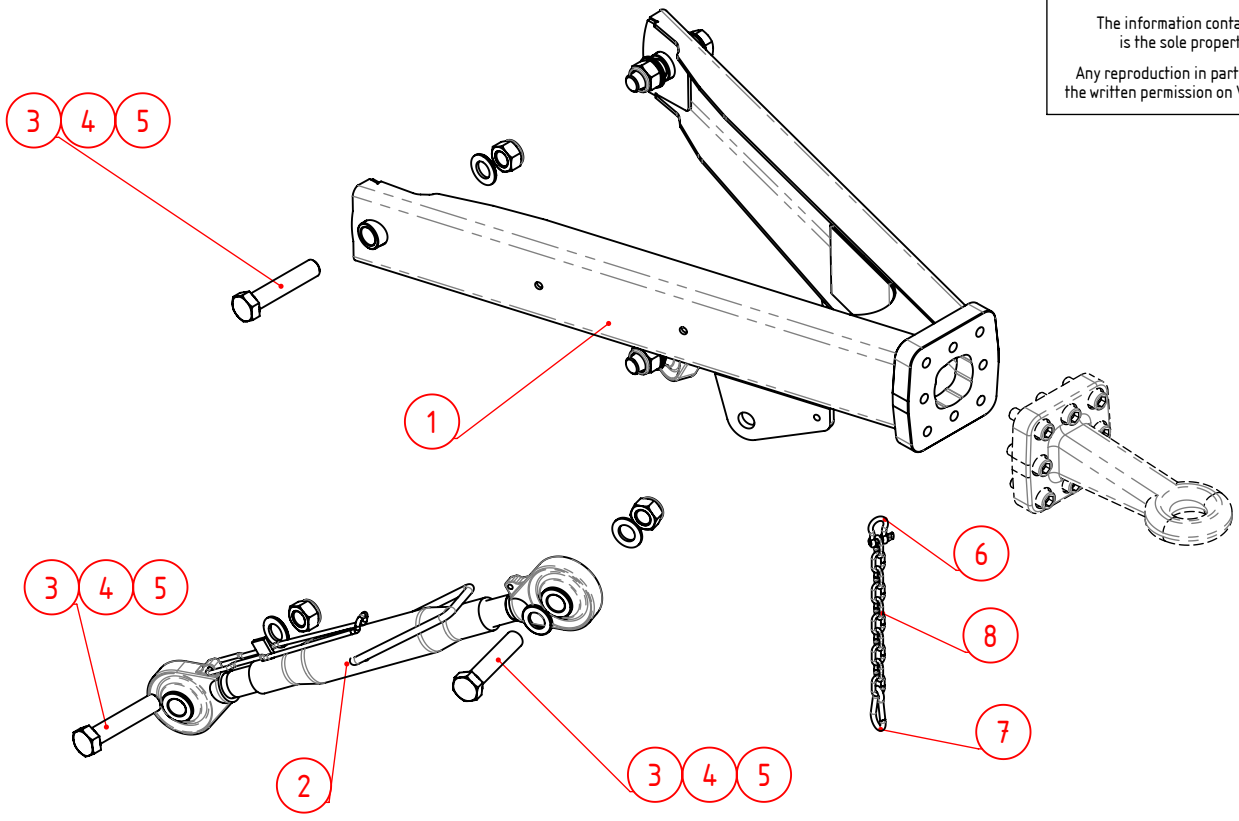
Drawn	PV	11-7-2016	Sheet	1/1
Release	PCL	3-4-2017	Revision	-



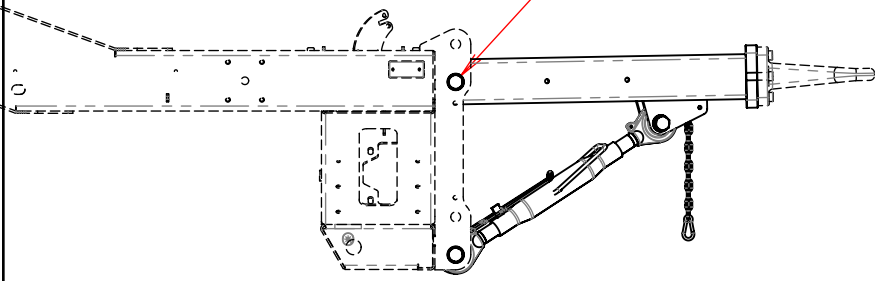
069.0304

069.0306-Zref

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Opmerking:
 Dissel in 2e gat van boven monteren



Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
8	1	055.2016.13	Ketting tbv aftakas	16 schakels			
7	1	KR.KH07	Karabijnhaak 70x7 Gegalv				
6	1	KR.HA06	Harpsluiting 1/4"				
5	6	90.98524	Zelfborgende Moer M24				
4	12	90.125A24	Sluitring M24				
3	6	90.93124120	Zeskantbout M24x120	Klasse 8.8			
2.2	1	KR.TLZ175362L	Spindel M36x3 L. Cat.2				
2.1	1	KR.TLZ175362R	Spindel M36x3 R. Cat.2				
2	2	KR.TLZ4003622	Topstang 400-M36 Cat.2				
1	1	069.0302.04	Trekhaak S4	LSM			

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Boventrekhaak
 mech. verstelbaar

Remarks -

Qty per Machine -

Weight 494.39 kg

PGM -

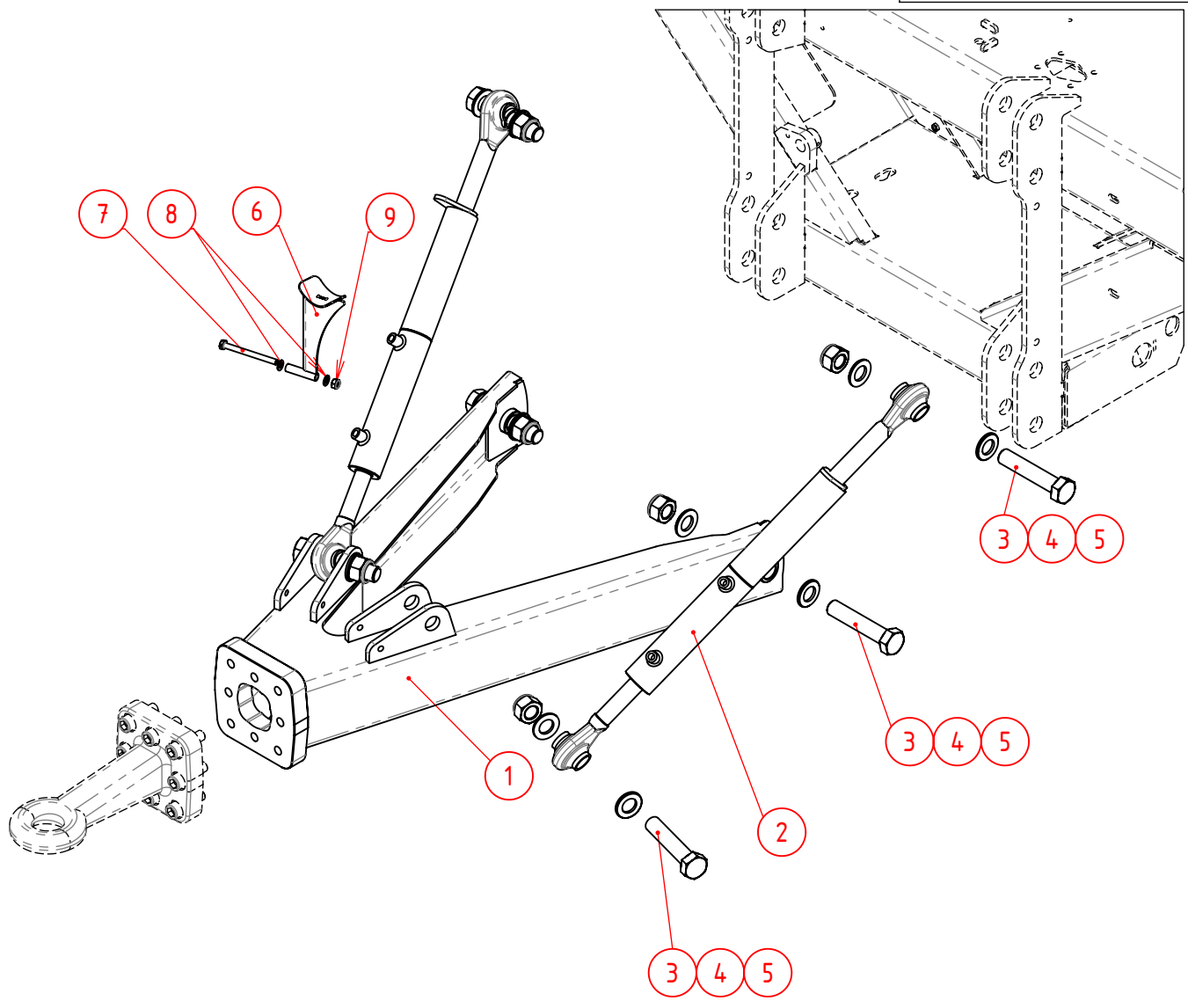
Scale 1:10

069.0306

Drawn	PV	11-7-2016	Sheet	1/1
Release	PCL	3-4-2017	Revision	-

069.0312 - ZRef

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Zie volgende pagina!!!

9	1	90.9858	Zelfborgende Moer M8				
8	2	90.125A8	Sluitring M8				
7	1	90.931890	Zeskantbout M8x90				
6	1	056.0341.03	Aftakassteun				
5	6	90.98524	Zelfborgende Moer M24				
4	12	90.125A24	Sluitring M24				
3	6	90.93124120	Zeskantbout M24x120	Klasse 8.8			
2	1	055.0204	CAT2 Verstelling [hydr]	Topstang			
1	1	069.0302.04	Trekhaak S4	LSM			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Trekhaak Laag 1 S4		hydr. verst.	
Remarks	-	PGM	-
Qty per Machine		Scale	1:10
Weight	485.83 kg	Drawn	TS 24-1-2017
		Release	TS 24-1-2017

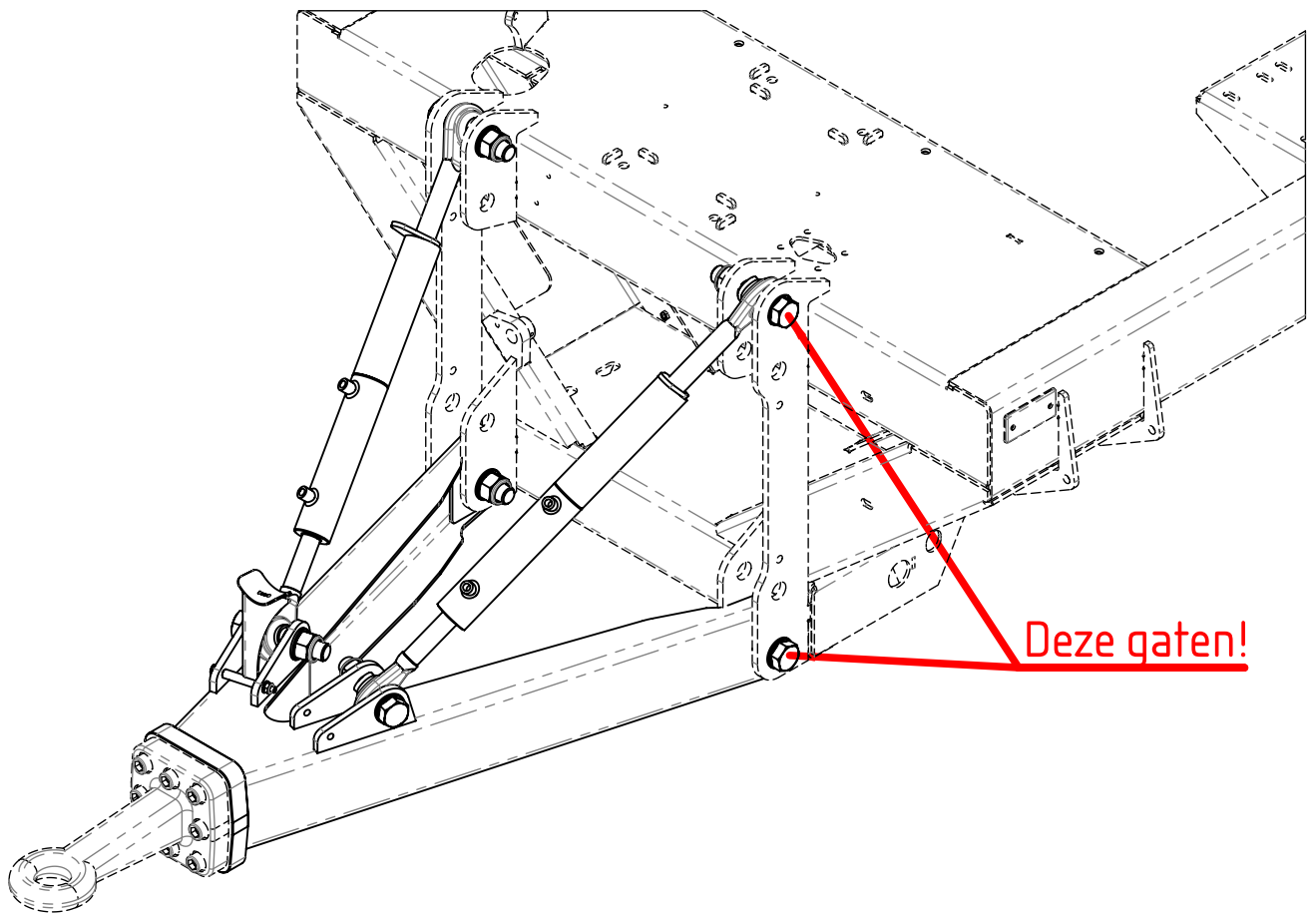
TRILO

069.0312


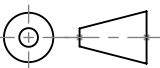
Sheet 1/2
 Revision -

0690312 - ZRef

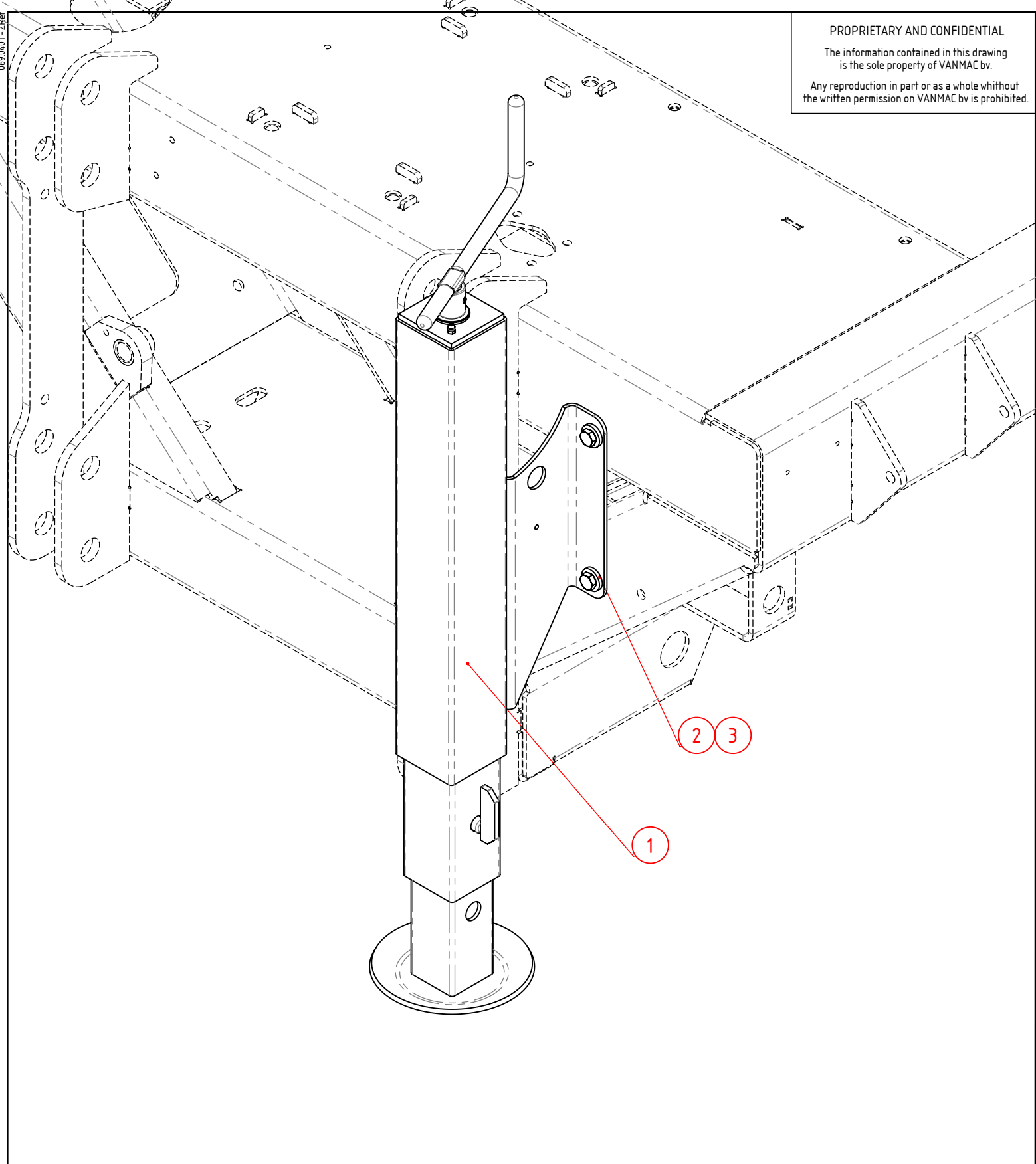
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Deze gaten!

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Trekhaak Laag 1 S4 hydr. verst.					
					069.0312		
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks - Qty per Machine	Weight 485.83 kg	PGM - Scale 1:10	Drawn TS 24-1-2017 Release TS 24-1-2017	Sheet 2/2 Revision -

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4	4	90.98510	Zelfborgende Moer M10				
3	4	90.734910	Carr.Ring M10 Dik				
2	4	90.9331035	Tapbout M10x35	8.8			
1	1	069.0401.04	Steunpoot S4	LSM			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Steunpoot

-

Remarks	PGM	Scale
Qty per Machine	1	1:5
Weight	455.21 kg	

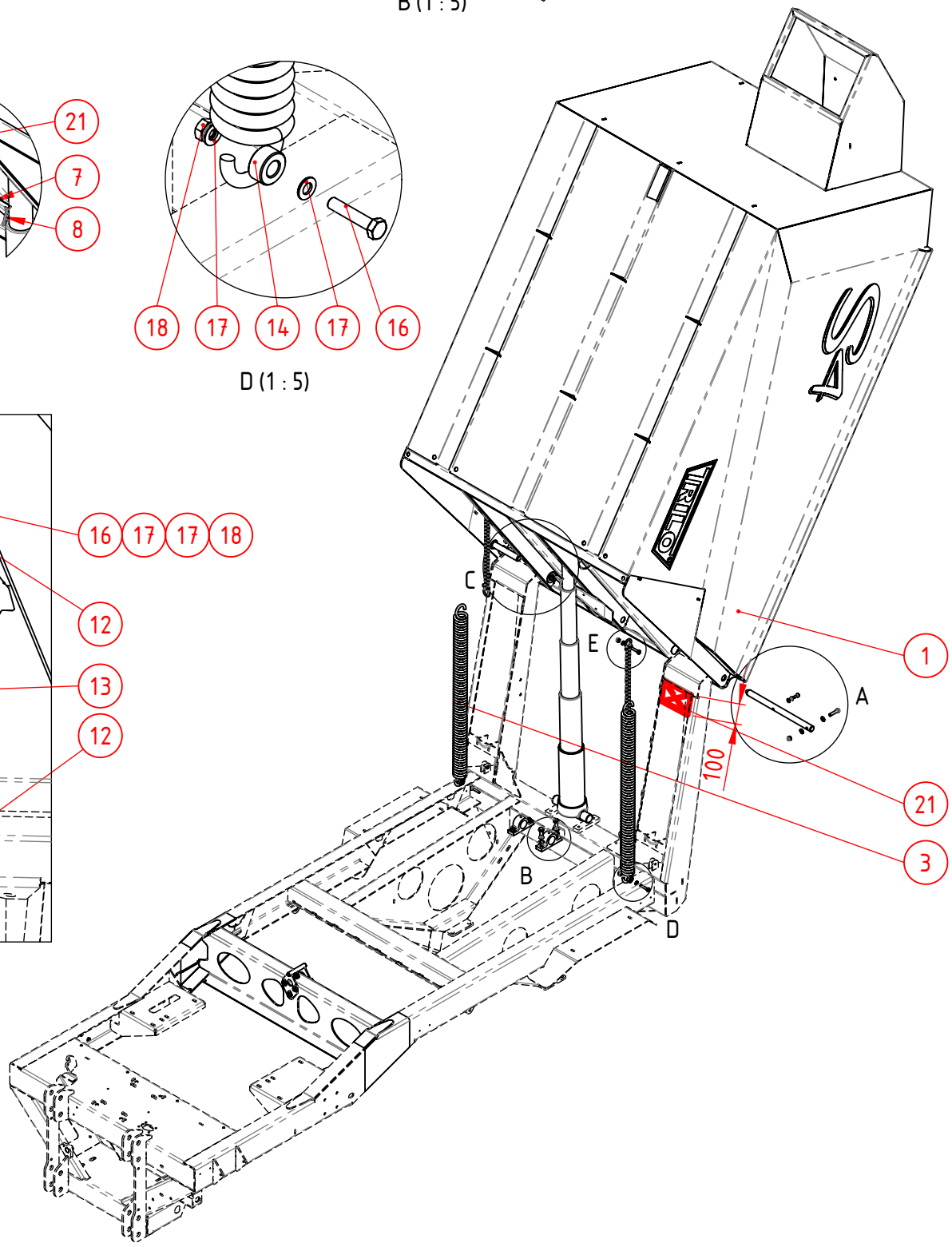
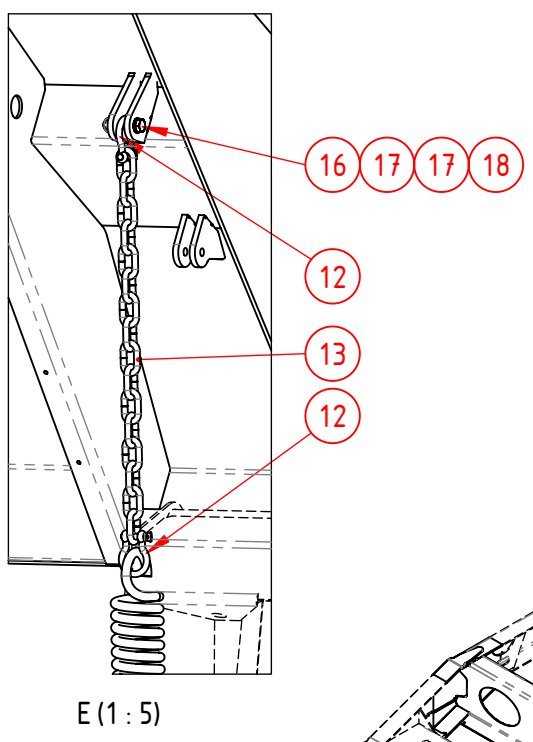
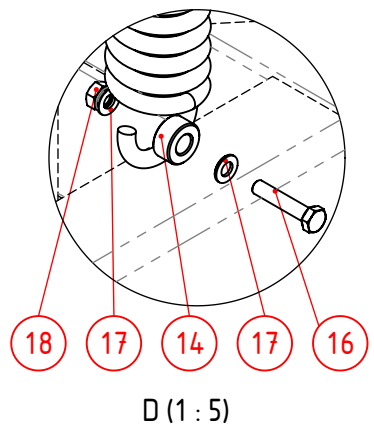
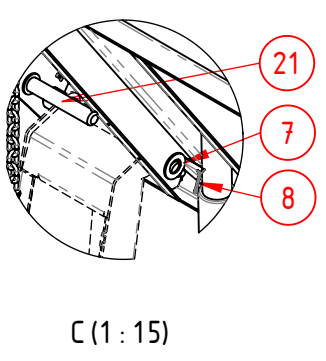
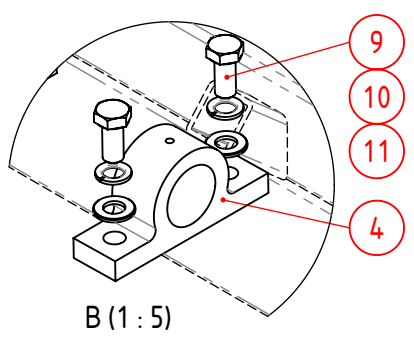
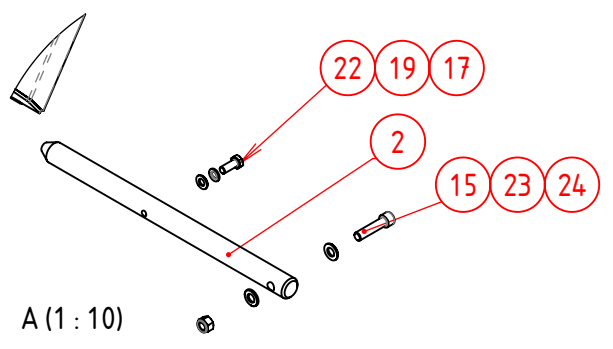
TRILO

069.0401

Drawn	STAGE	13-12-2016	Sheet	1/1
Release	PV	9-6-2017	Revision	-

069.0502-Z-Rev

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 Sheet-Metal Bending:
 ISO 2768-cl

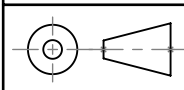
Kipbak S4



069.0502

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING

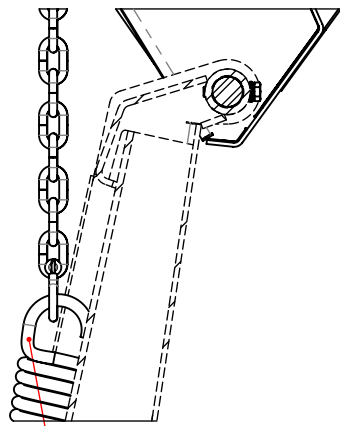


Remarks	-
Qty per Machine	Weight
	20968.71 kg

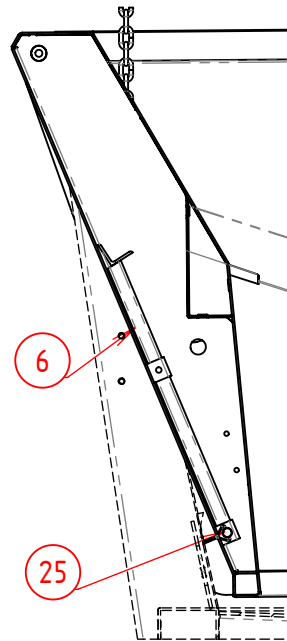
PGM	-
Scale	1:30

Drawn	STAGE	16-12-2016	Sheet	1/2
Release	TS	9-1-2018	Revision	-

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Fit spring as shown



25	1	KR.LP9568Z	Borgpen 9,5x68mm				
24	2	90.98512	Zelfborgende Moer M12				
23	4	90.125A12	Sluistring M12				
22	2	90.9331025	Tapbout M10x25				
21	2	VE.CR756	Celrubber 75x6 mm		700		
20	4	KR.GN61180	Vetnippel M6 180°				
19	2	90.127B10	Veerring M10				
18	4	90.98510	Zelfborgende Moer M10				
17	10	90.125A10	Sluistring M10				
16	4	90.9311050	Zeskantbout M10x50				
15	2	90.9121250	Cil.Inbusbout M12x50				
14	2	40.05002	Bus Ø30x8 L=15	Bus Kipbak Veer			
13	2	069.0502.23	Ketting kipbak S4	SK08V L=405mm 16 schakels			
12	4	KR.DS10	D-sluiting 3/8"				
11	4	90.125A14	Sluistring M14				
10	4	90.127B14	Veerring M14				
9	4	90.9331435	Tapbout M14x35				
8	1	90.94545	Splitpen 5x45				
7	1	90.125A30	Sluistring M30				
6	1	069.0501.43	Stut kipbak				
5	1	45.05220	Pen Ø30 L=175				
4	2	KR.TC9045	Scharnertap Ø45mm				
3	2	45.05151	Trekveer Zink 12x66x920				
2	2	069.0501.31	Scharnierpen kipbak				
1	1	069.0502.10	Kipbak	LSM			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Kipbak S4

Remarks -

Qty per Machine -

Weight 20771.29 kg

PGM -

Scale 1:30

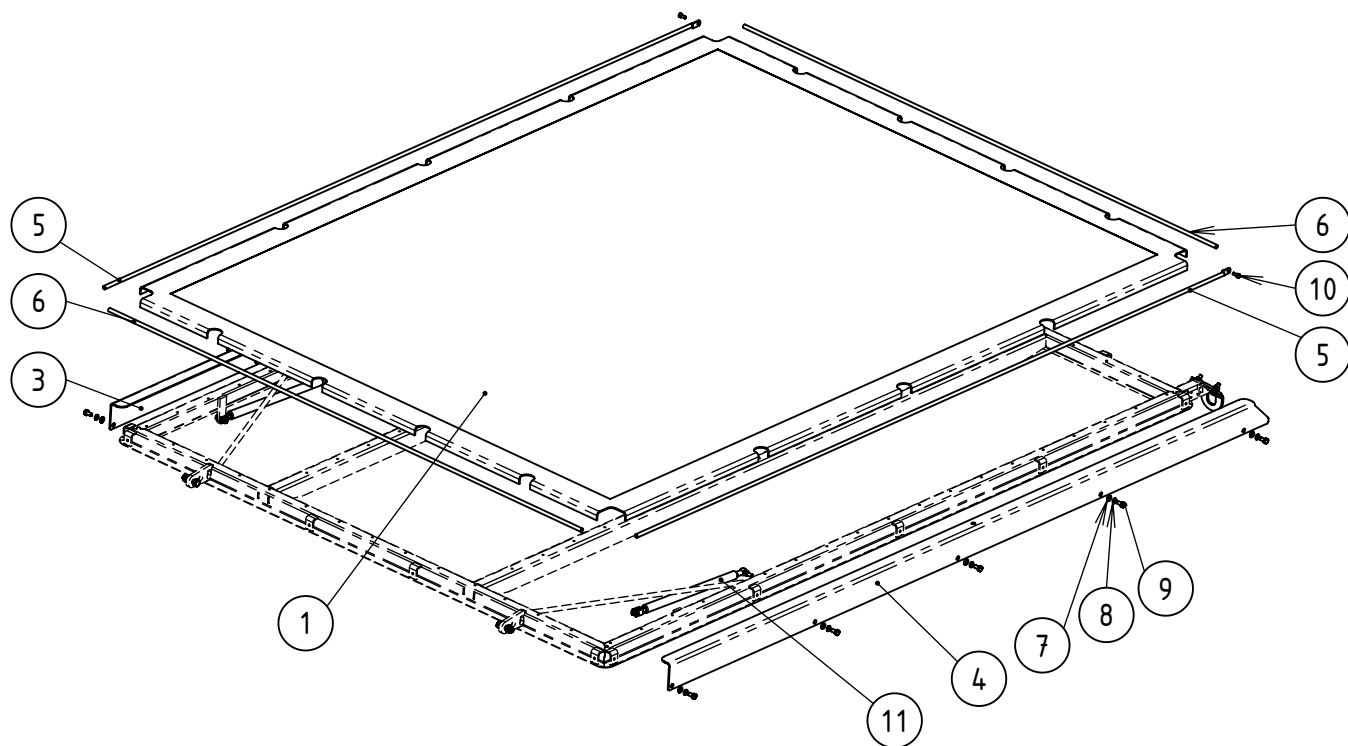
069.0502

Drawn STAGE 16-12-2016

Release TS 9-1-2018


Sheet 2/2

Revision -



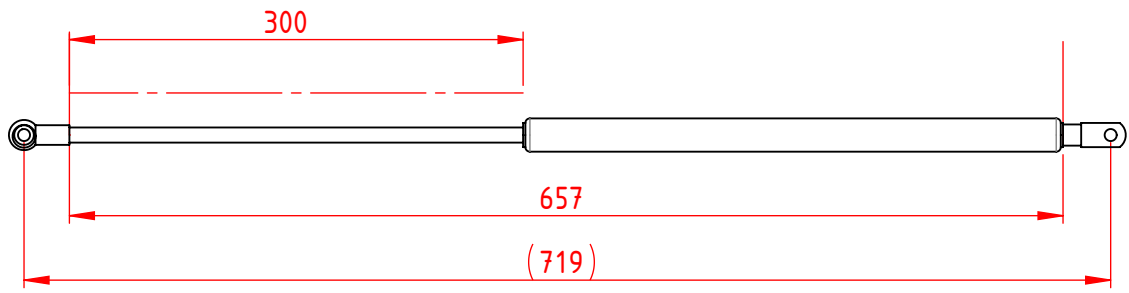
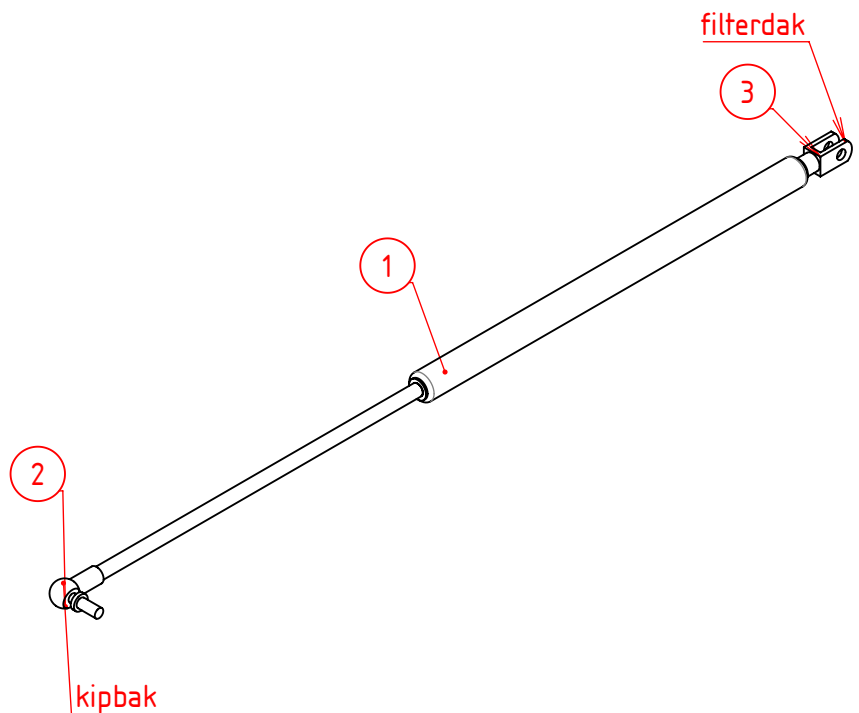
11	2	069.0606.01	Gasveer compleet 500N	Gas spring	Gasdämpfer	tbv enkel Roosterdak
10	2	90.7500D616	Taptitebout M6x16	Bolt	Bolzen	
9	10	90.933816	Tapbout M8x16	Bolt M8x16	Schraube	
8	10	90.127B8	Veerring M8	Spring Washer M8	Federring	
7	10	90.125A8	Sluitring M8	Washer M8	Unterlegscheibe	
6	2	069.0601.09	Netpen KORT	Net Pin 1	Netz Stift 1	
5	2	069.0601.10	Netpen LANG	Net Pin 2	Netz Stift 2	
4	1	069.0603.07	Verstevigingsprofiel Rechts	Angle RHS	Eckprofil Rechts	
3	1	069.0603.08	Verstevigingsprofiel Links	Angle LHS	Eckprofil links	
1	1	069.0601.01	Topnet Groen/Grof 2325x1792	Top Net	Topnetz	S4
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

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www.vanmac.nl

Topnet (Kit)		 069.0601
Topnetz (Kit)	Top Net (Kit)	
Drawn	TS 5-7-2017	Sheet 1/1
Revised	TS 19-1-2018	Revision -

069.0604.01 - ZRef

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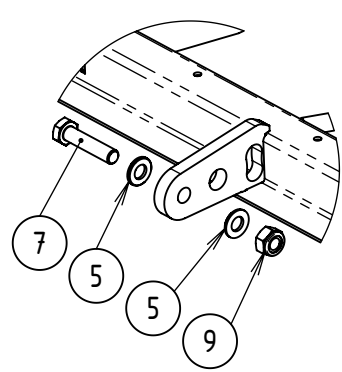
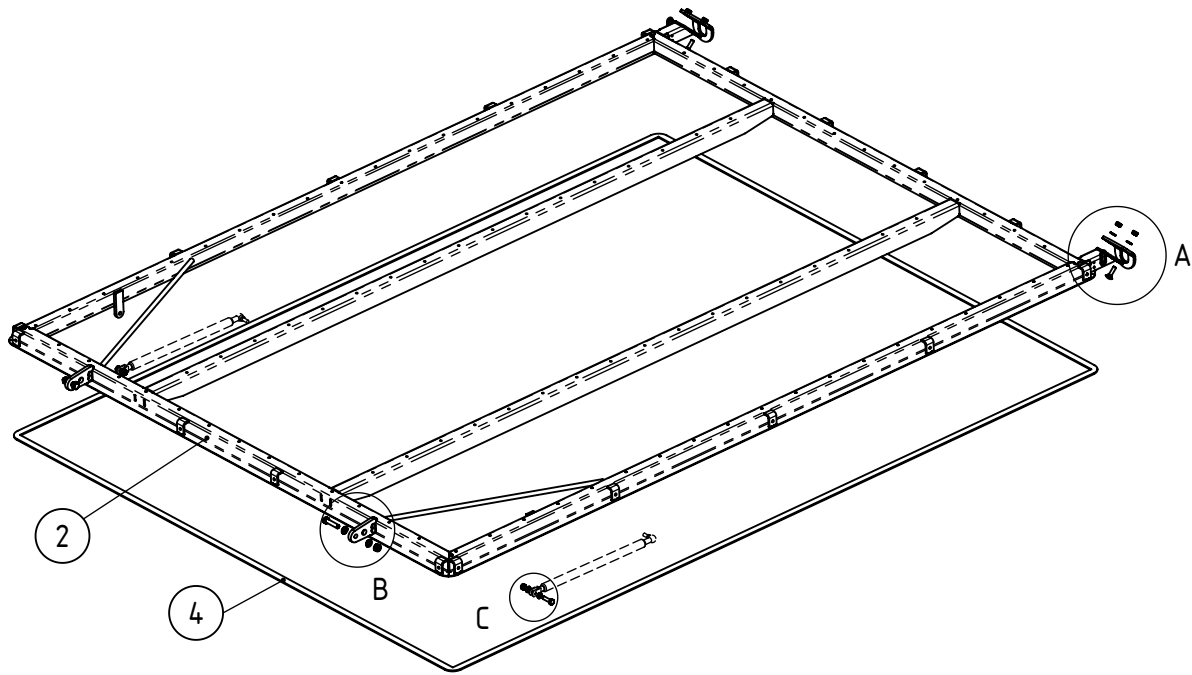


(progressie = ca. 39%)

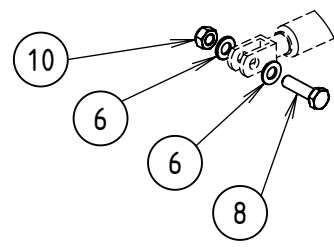
3	1	KR.CA98120	Stelgaffel M8x16 Verzinkt	Met Clip			
2	1	KR.CA98520	Kogelgewricht M8				
1	1	06.02030	Gasveer A1N1-52-300-700/700N	Container SG100/Motorkap BRL			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Gasveer compleet Filterdak S4				
				Remarks Qty per Machine	Weight 0.15 kg	PGM Scale 1:5

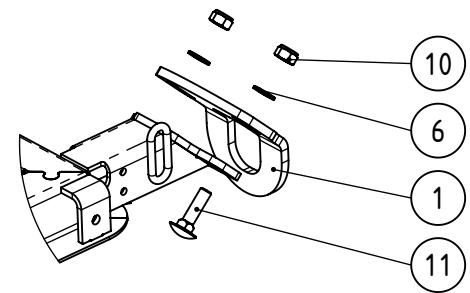
Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges



B (1 : 5)



C (1 : 5)



A (1 : 5)

Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking
11	4	90.60382588	Slotbout M8x25 kw 8.8	Carriage bolt	Flachrundschaube	
10	6	90.9858	Zelfborgende Moer M8	Self Locking Nut M8	Selbstsichernde Mutter M8	
9	2	90.98510	Zelfborgende Moer M10	Self-locking nut M10	Selbstsichernde Mutter M10	
8	2	90.933840	Tapbout M8x40	Hex.bolt	Schraube	
7	2	90.9311045	Zeskantbout M10x45	Hex.Bolt M10x45	Schraube	
6	8	90.125A8	Sluitring M8	Washer M8	Unterlegscheibe	
5	4	90.125A10	Sluitring M10	Washer M10	Unterlegscheibe M10	
4	1	069.0605.01	Celrubber S4	Foam strip	Gummi streifen	Losklep Basis
2	1	069.0601.03	Spanraam universeel	Tensioning frame	Spannrahmen	
1	2	069.0600.26	Klepssluiting	Locking	Verschlusszaken	

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Losklep basis
Rasterklappe
Meshed Top cover

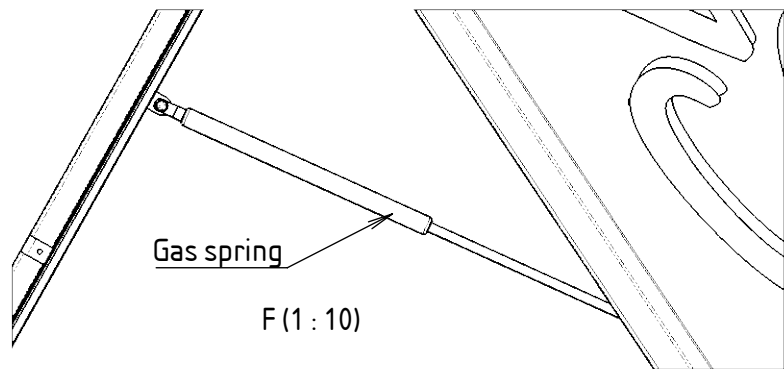
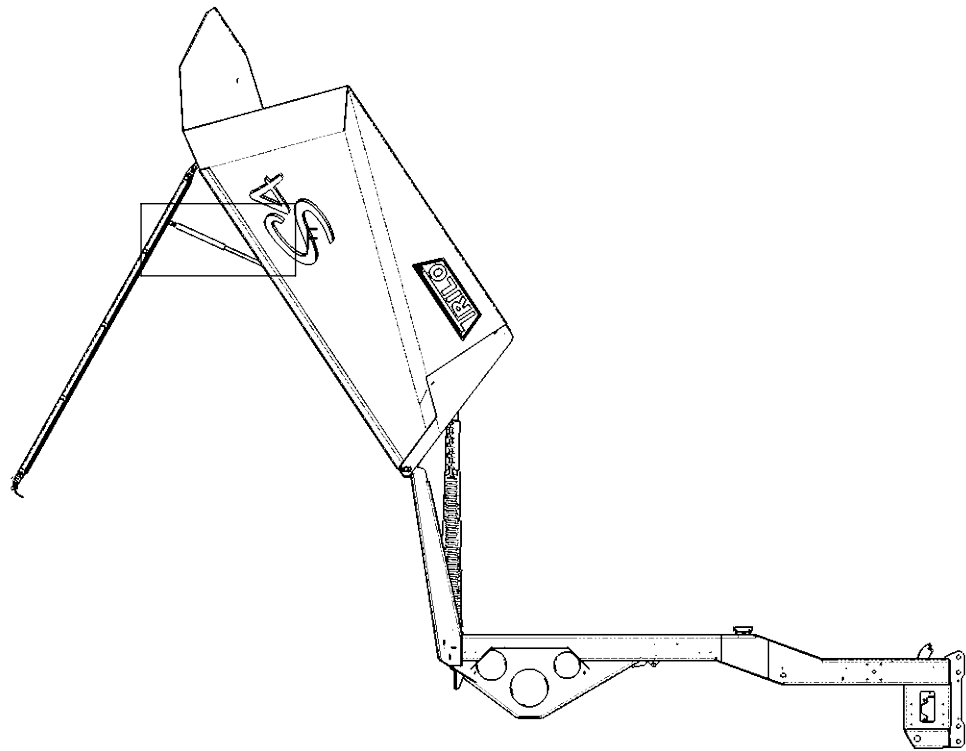


069.0605

Drawn PCL 27-1-2017	Sheet 1/3
Revised TS 21-8-2017	Revision -

069.0605 - Z'Ref

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Variant		Artikel	Sterkte
Net	Enkel Topnet	069.0606.01	500N
Mesh	Enkel Rooster	069.0606.01	500N
Net with Top Cover	Topnet met Topzeil	069.0606.01	500N
Mesh with Top Cover	Rooster met topzeil	069.0604.01	700N

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Losklep basis

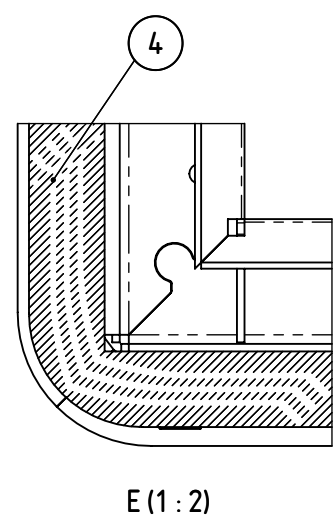
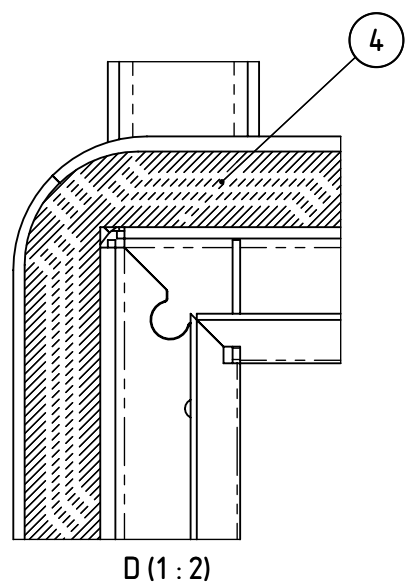
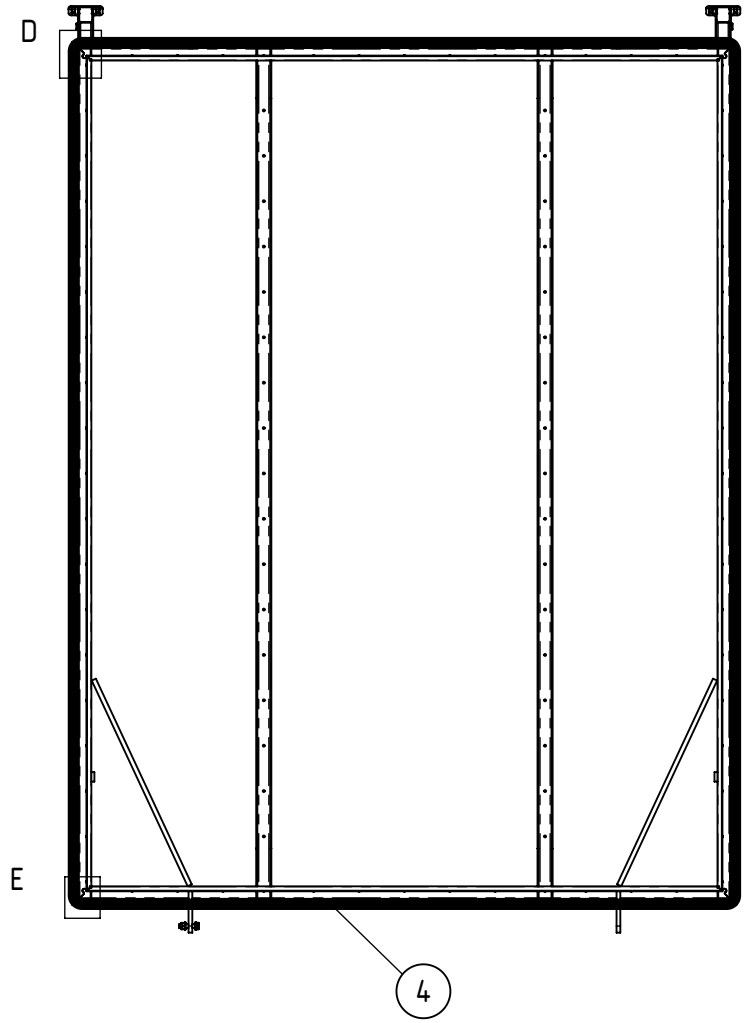
Remarks	-	PGM	-
Qty per Machine		Scale	1:30
Weight	21003.60 kg		

069.0605

Drawn	PCL	27-1-2017	Sheet	2/3
Release	TS	21-8-2017	Revision	-

069.0605 - ZRef

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

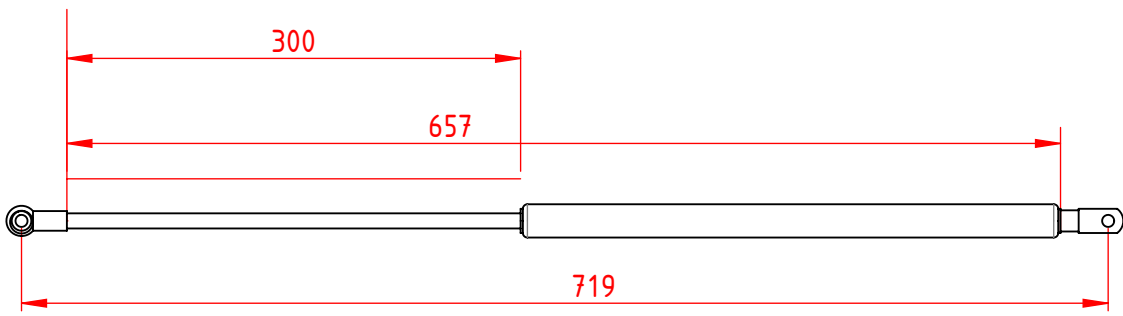
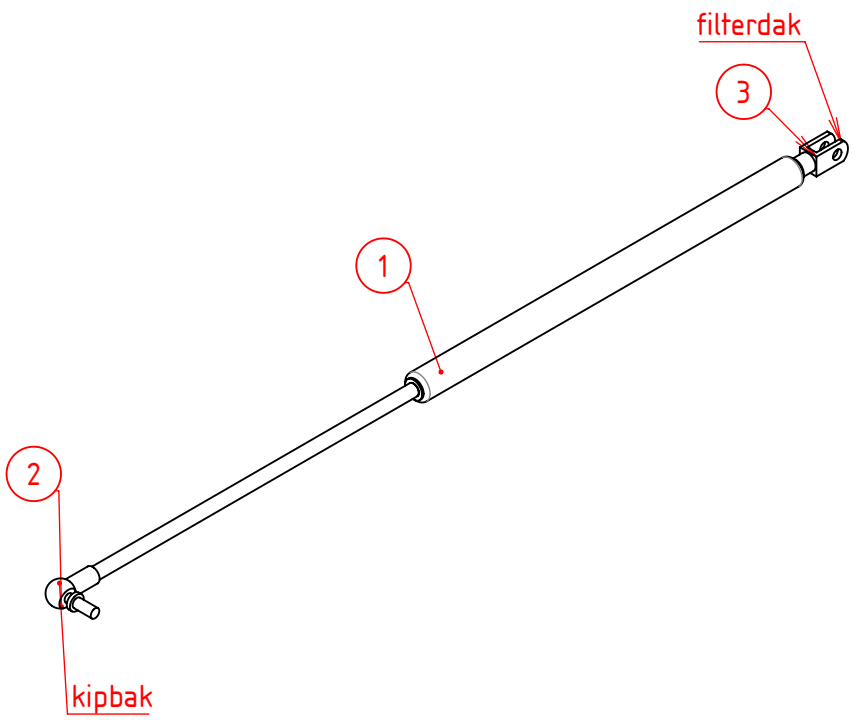
DO NOT SCALE DRAWING

Losklep basis		Remarks	-	PGM	-
		Qty per Machine	Weight	Scale	1:20
			35.06 kg		

069.0605	
Drawn PCL 27-1-2017	Sheet 3/3
Release TS 21-8-2017	Revision -

069.0606.01 - ZRef

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(progressie = ca. 39%)

3	1	KR.CA98120	Stelgaffel M8x16 Verzinkt	Met Clip			
2	1	KR.CA98520	Kogelgewricht M8				
1	1	069.0606.02	Gasveer A1N1-52-300-700/500N				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

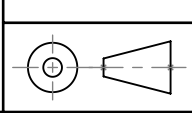
Gasveer compleet
Filterdak S4



069.0606.01

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

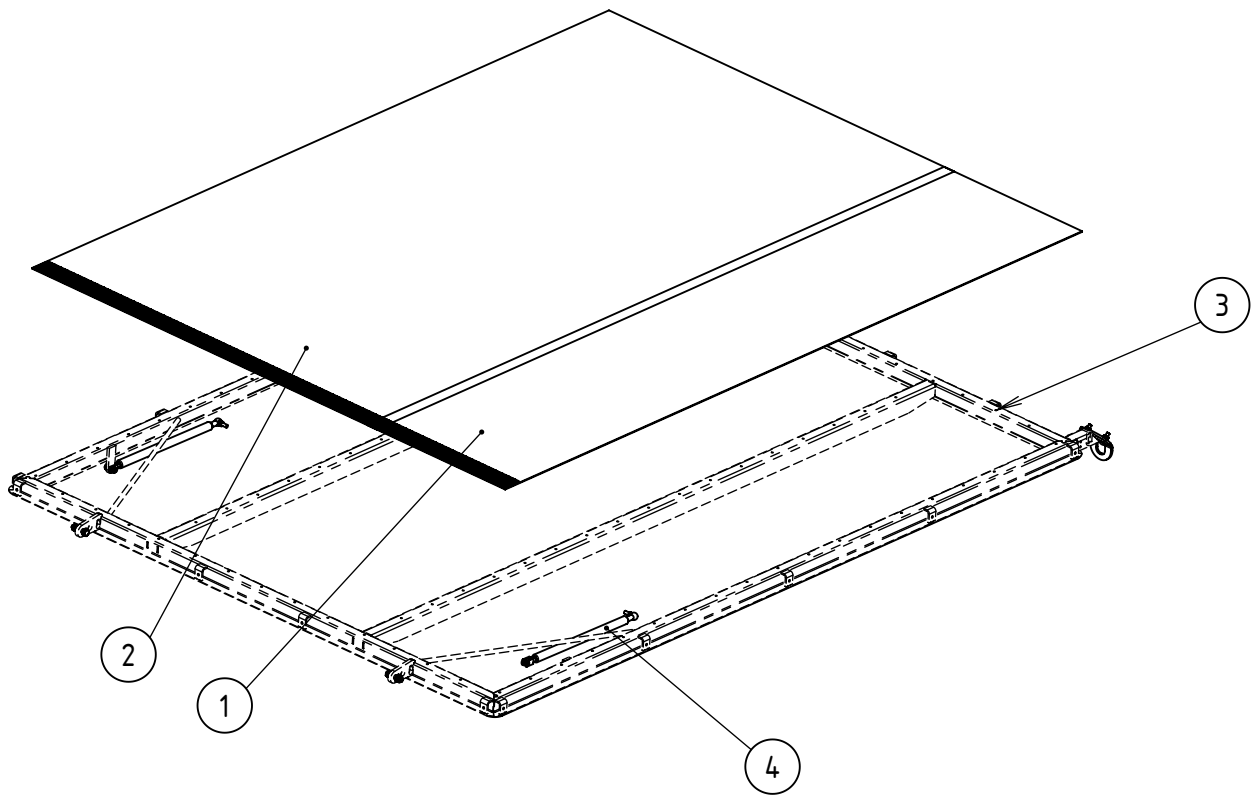
Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



Remarks	PGM	-
Qty per Machine	Weight	0.15 kg

Scale	1:5
-------	-----

Drawn	PCL	3-4-2017	Sheet	1/1
Release	TS	14-12-2017	Revision	-



4	2	069.0606.01	Gasveer compleet 500N	Gas spring	Gasdämpfer	tbv enkel Roosterdak
3	86	40.18230	Blindklinknagel 5x16 Aluminium	Blind rivet 5x16 Aluminium	Blindniete 5x16 Aluminium	Gesipa Alu/Staal
2	1	069.0600.10	Roosterplaat 2	Mesh	Gitter	
1	1	069.0600.11	Roosterplaat 1	Mesh	Gitter	
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

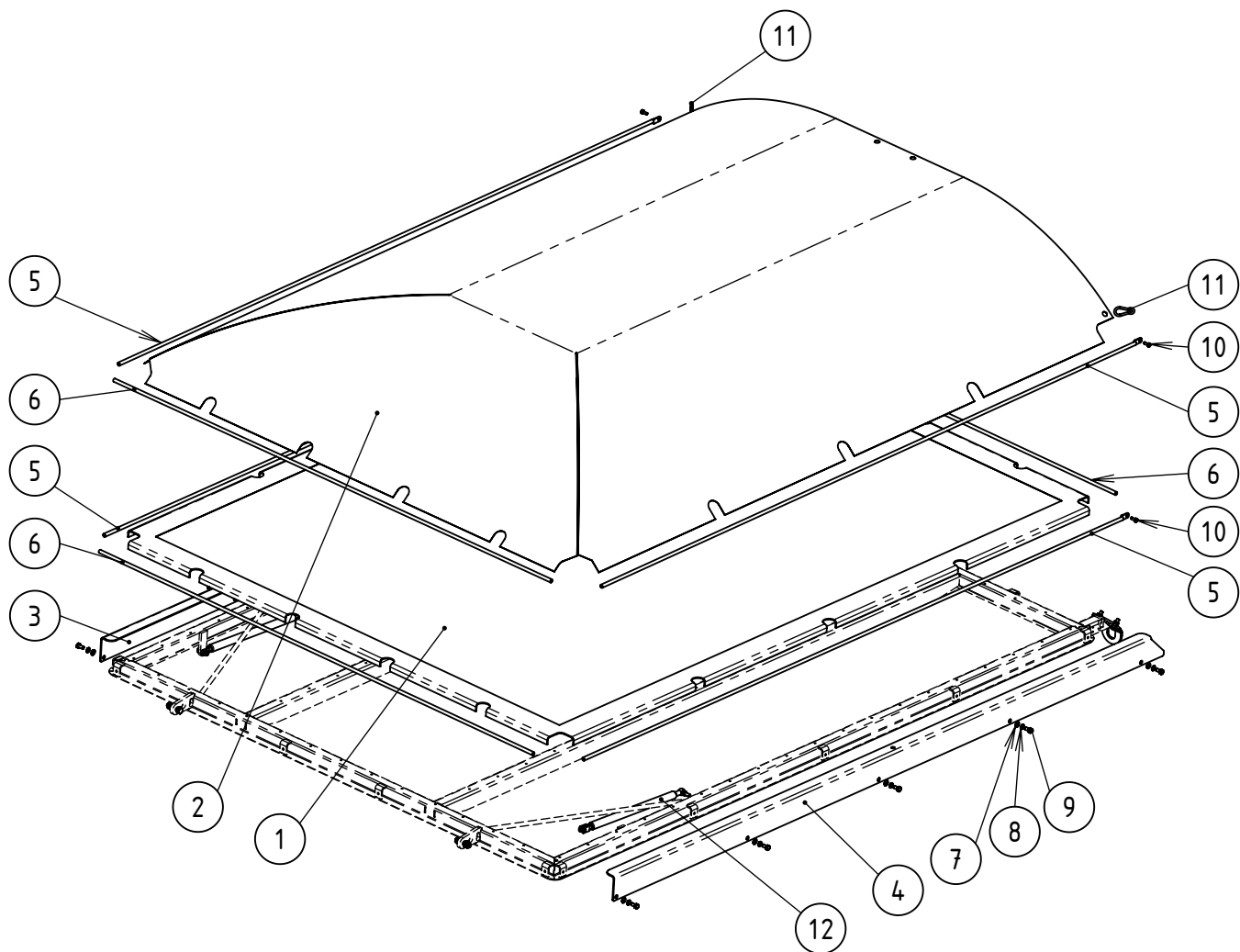
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Rooster S4 (kit)	
Rasterklappe	Meshed Top cover



069.0606

Drawn	TS 5-7-2017	Sheet	1/1
Revised	TS 6-7-2017	Revision	-



12	2	069.0606.01	Gasveer compleet 500N	Gas spring	Gasdämpfer	tbv enkel Roosterdak
11	2	KR.KH06	Karabijnhaak 60x6mm Gegalv	Hook	Haken	
10	4	90.7500D616	Taptitebout M6x16	Bolt	Bolzen	
9	10	90.933816	Tapbout M8x16	Bolt M8x16	Schraube	
8	10	90.127B8	Veerring M8	Spring Washer M8	Federring	
7	10	90.125A8	Sluitring M8	Washer M8	Unterlegscheibe	
6	3	069.0601.09	Netpen KORT	Net Pin 1	Netz Stift 1	
5	4	069.0601.10	Netpen LANG	Net Pin 2	Netz Stift 2	
4	1	069.0603.08	Verstevigingsprofiel Links	Angle LHS	Eckprofil links	
3	1	069.0603.07	Verstevigingsprofiel Rechts	Angle RHS	Eckprofil Rechts	
2	1	069.0604.22	Topzeil S4	Canvas	Plane	korte Versie, icm to
1	1	069.0601.01	Topnet Groen/Grof 2325x1792	Top Net	Topnetz	S4
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

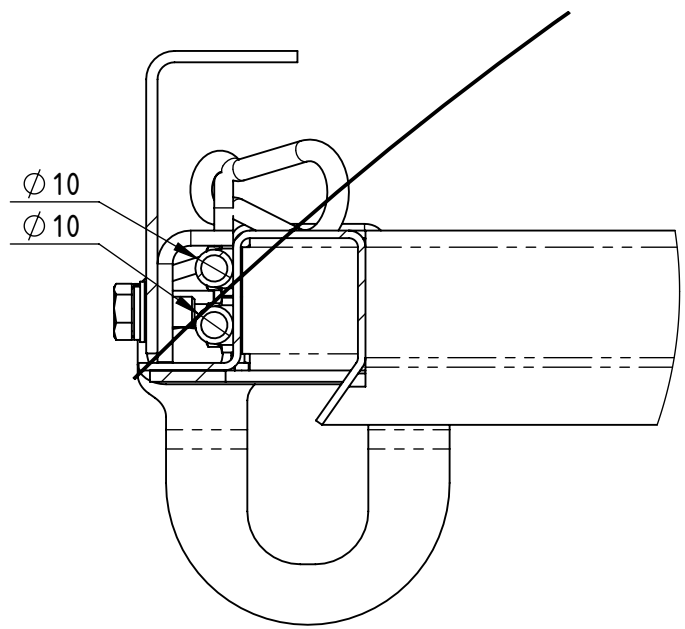
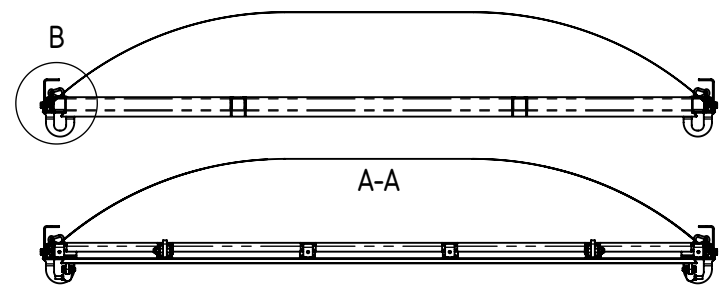
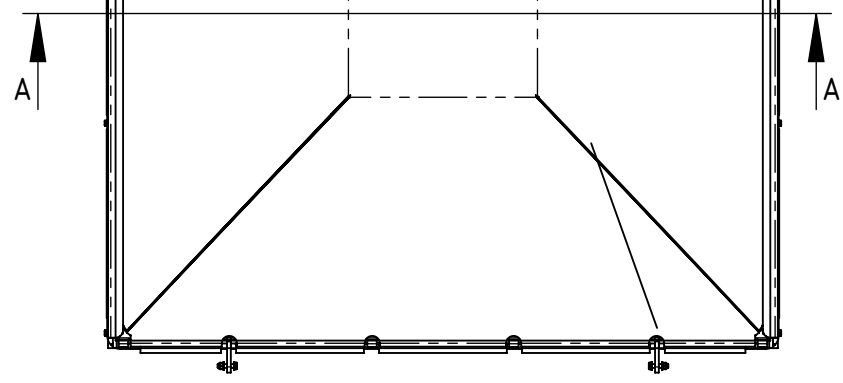
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Topnet en Stofkap	
Topnetz und Plane	Topnet and Top Cover


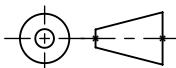
TRILO			
069.0607			
Drawn	TS 5-7-2017	Sheet	1/2
Revised	TS 19-1-2018	Revision	-

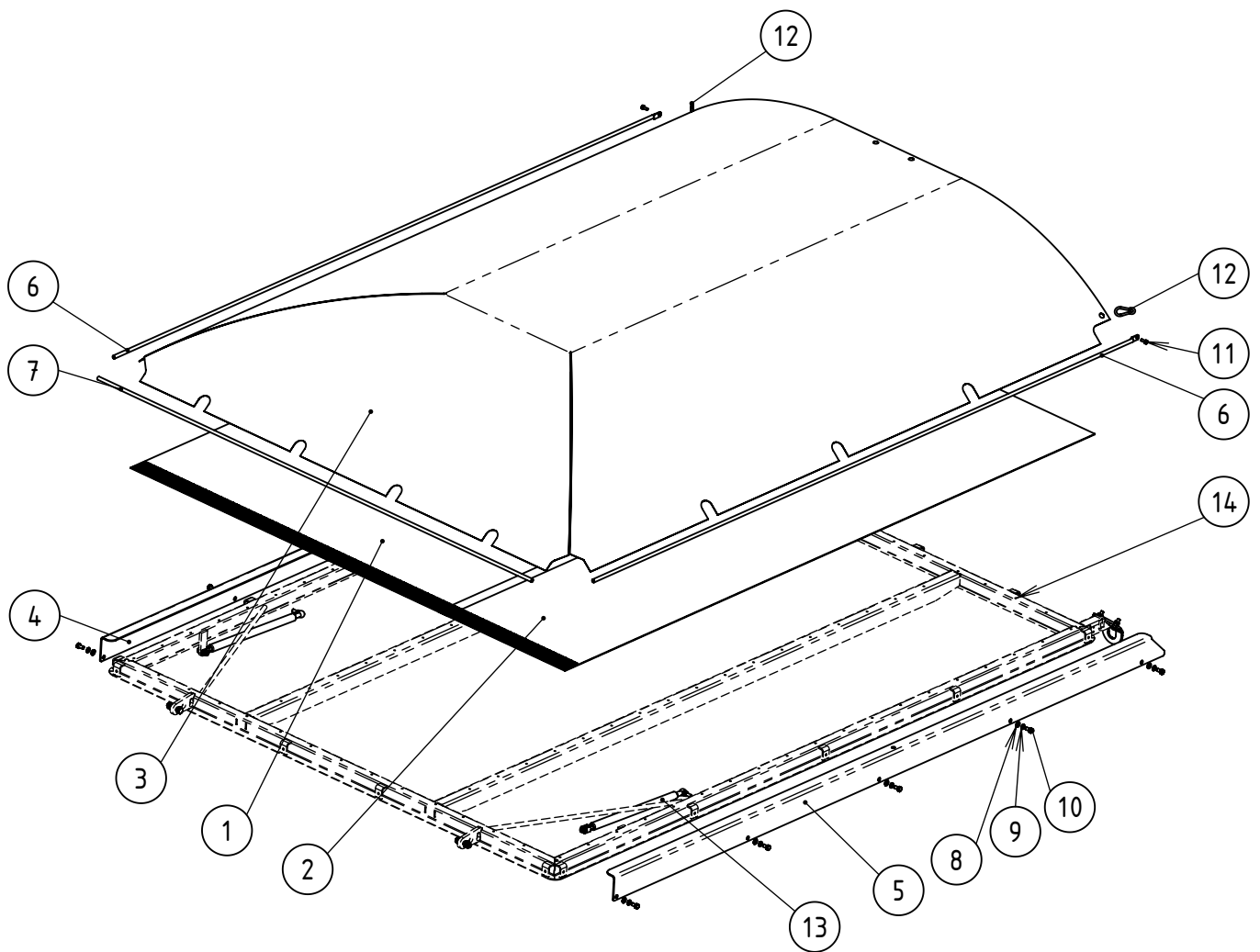
069.0607 - ZRef

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B (1 : 2)

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Topnet en Stofkap									
					069.0607						
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges				Remarks	-	PGM	-	Drawn	TS 5-7-2017	Sheet	2/2
		Qty per Machine	1	Weight	56.13 kg	Scale	1:20	Release	TS 19-1-2018	Revision	-

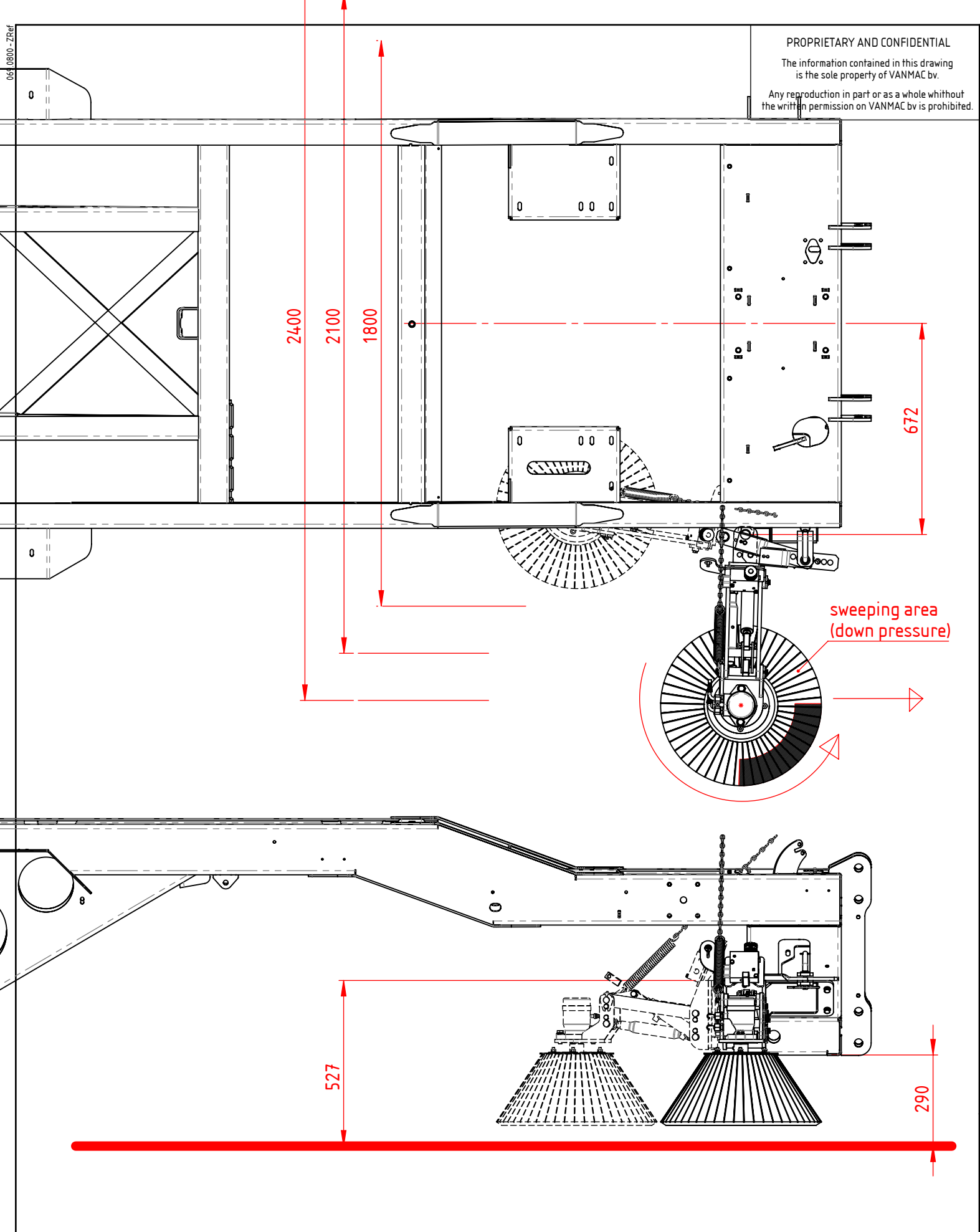


14	86	40.18230	Blindklinknagel 5x16 Aluminium	Blind rivet 5x16 Aluminium	Blindniete 5x16 Aluminium	Gesipa Alu/Staal
13	2	069.0604.01	Gasveer compleet 700N	Gas spring	Gasdämpfer	tbv Roosterdak en to
12	2	KR.KH06	Karabijnhaak 60x6mm Gegalv	Hook	Haken	
11	2	90.7500D616	Taptitebout M6x16	Bolt	Bolzen	
10	10	90.933816	Tapbout M8x16	Bolt M8x16	Schraube	
9	10	90.127B8	Veerring M8	Spring Washer M8	Federring	
8	10	90.125A8	Sluitring M8	Washer M8	Unterlegscheibe	
7	1	069.0601.09	Netpen KORT	Net Pin 1	Netz Stift 1	
6	2	069.0601.10	Netpen LANG	Net Pin 2	Netz Stift 2	
5	1	069.0603.08	Verstevigingsprofiel Links	Angle LHS	Eckprofil links	
4	1	069.0603.07	Verstevigingsprofiel Rechts	Angle RHS	Eckprofil Rechts	
3	1	069.0604.22	Topzeil S4	Canvas	Plane	korte Versie, icm to
2	1	069.0600.10	Roosterplaat 2	Mesh	Gitter	
1	1	069.0600.11	Roosterplaat 1	Mesh	Gitter	
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

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Roosters en Stofkap		 069.0608
Gitter und Plane	Mesh and Top Cover	
Drawn	TS 5-7-2017	Sheet 1/1
Revised	TS 19-1-2018	Revision -

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 Sheet-Metal Bending:
 ISO 2768-cl

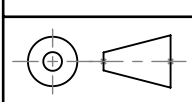
Gootborstel S4
 Rechts



069.0800

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



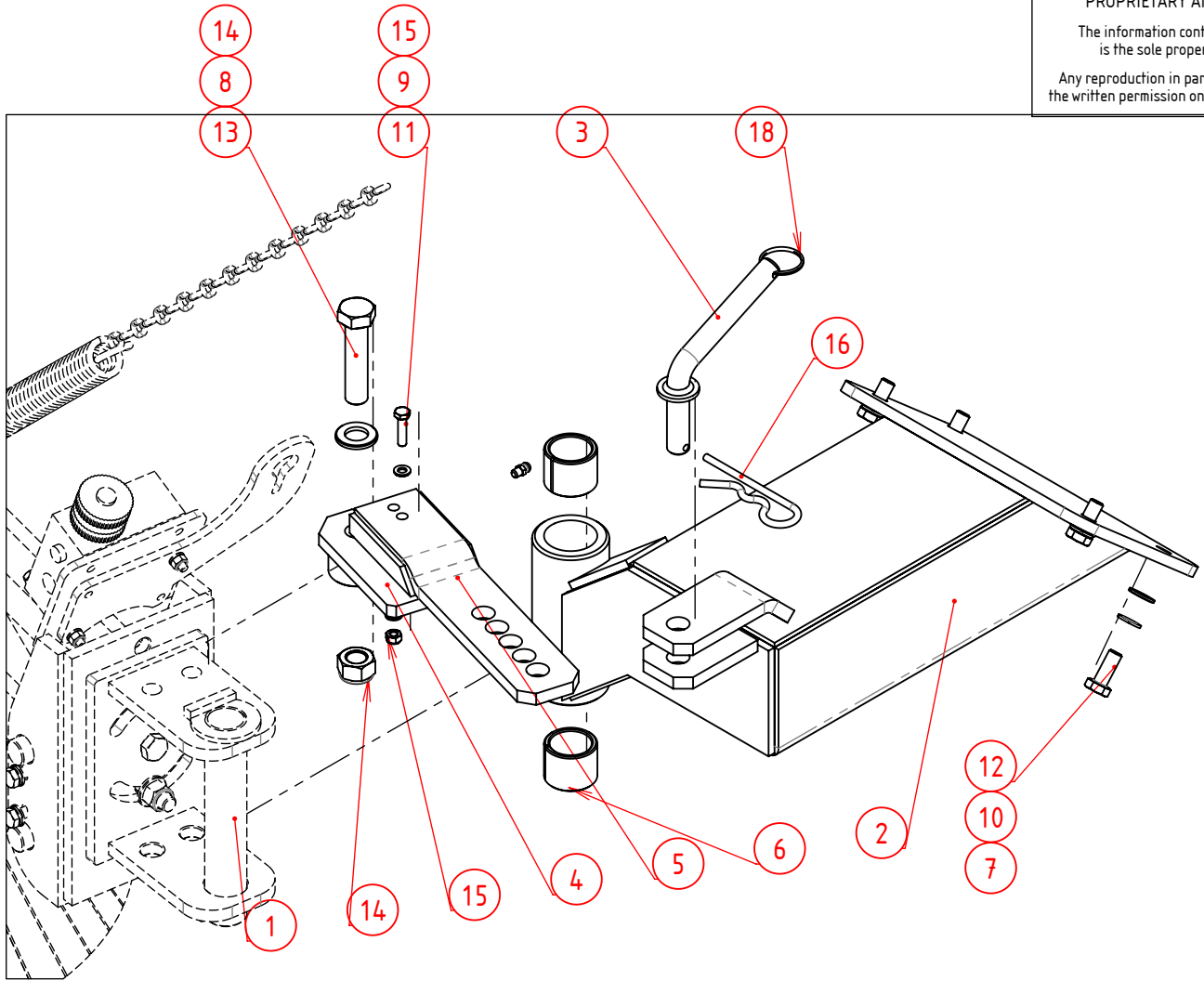
Remarks	-
Qty per Machine	Weight
	kg

PGM	-
Scale	1:15

Drawn	PV	7-7-2016	Sheet	1/2
Release	PV	21-7-2017	Revision	-

069.0800-Zref

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18	1	RE.SL30-VN	Sleutelring 30mm					
17	1	KR.GN61180	Vetnippel M6 180°					
16	1	KR.CL5EZ	Borgveer 5mm					
15	1	90.9856	Zelfborgende Moer M6					
14	1	90.98516	Zelfborgende Moer M16					
13	1	90.93316100	Tapbout M16x100					
12	4	90.9331025	Tapbout M10x25					
11	1	90.933630	Tapbout M6x30					
10	4	90.127B10	Veerring M10					
9	2	90.125A6	Sluitring M6					
8	1	90.125A16	Sluitring M16					
7	4	90.125A10	Sluitring M10					
6	2	90.1498303830	Inspanbus 30x38x30					
5	1	40.35035	Verstelstrip 2					
4	1	40.35030	Verstelstrip 1					
3	1	35.01160	Borgpen Ø16 L=175					
2	1	069.0800.01	gootborstel steun s4					
1	1	00.35-0100	Gootborstel Universeel					
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Gootborstel S4
 Rechts

Remarks -

Qty per Machine

Weight

PGM -

Scale 1:5

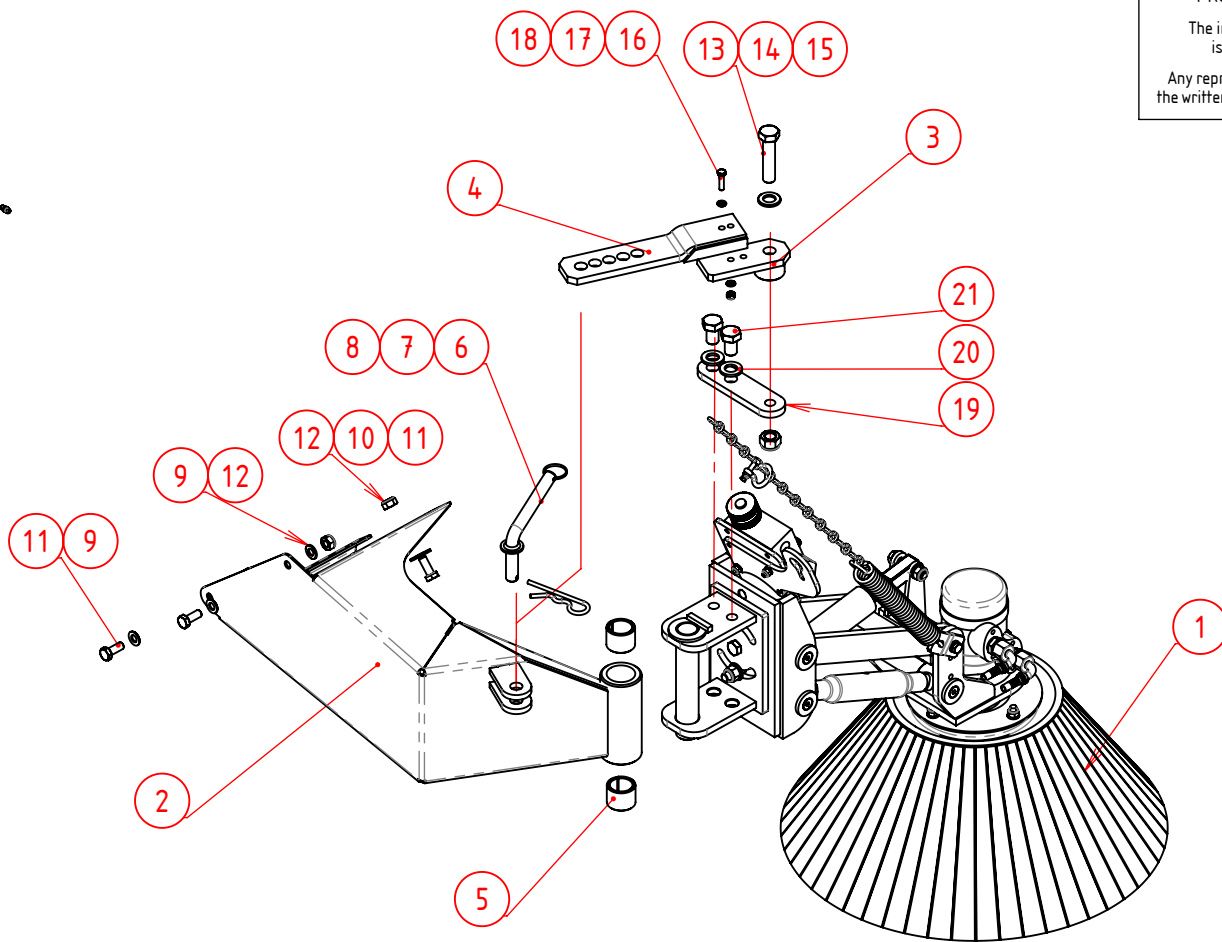
kg

069.0800

Drawn	PV	7-7-2016	Sheet	2/2
Release	PV	21-7-2017	Revision	-

069.0801-Zref

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22	1	KR.GN61180	Vetnippel M6 180°				
21	2	90.NL16SPGEL	Borgring Nordlock Gel. P/p M16	grote buitendiameter			
20	2	90.9331630	Tapbout M16x30				
19	1	069.0800.12	Hefboom Gootborstel Rechts				
18	1	90.9856	Zelfborgende Moer M6				
17	2	90.125A6	Sluistring M6				
16	1	90.933630	Tapbout M6x30				
15	1	90.98516	Zelfborgende Moer M16				
14	1	90.125A16	Sluistring M16				
13	1	90.93316100	Tapbout M16x100				
12	4	90.98510	Zelfborgende Moer M10				
11	4	90.9331025	Tapbout M10x25				
10	4	90.9021A10	Carr.Ring M10				
9	4	90.125A10	Sluistring M10				
8	1	KR.CL5EZ	Borgveer 5mm				
7	1	RE.SL30-VN	Sleutelring 30mm				
6	1	35.01160	Borgpen Ø16 L=175				
5	2	90.1498303830	Inspanbus 30x38x30				
4	1	40.35035	Verstelstrip 2				
3	1	40.35030	Verstelstrip 1				
2	1	069.0801.01	Gootborstelsteun Links				
1	1	00.35-0100	Gootborstel Universeel				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Gootborstel S4

Links

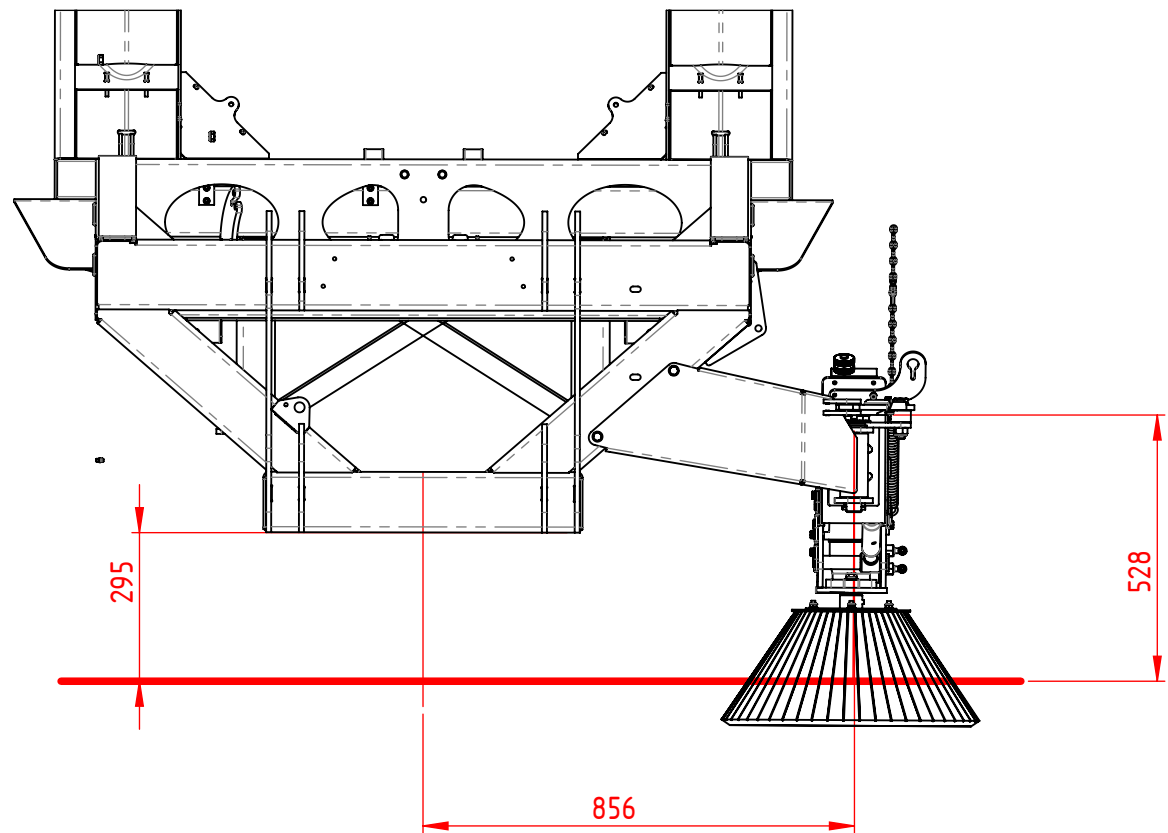
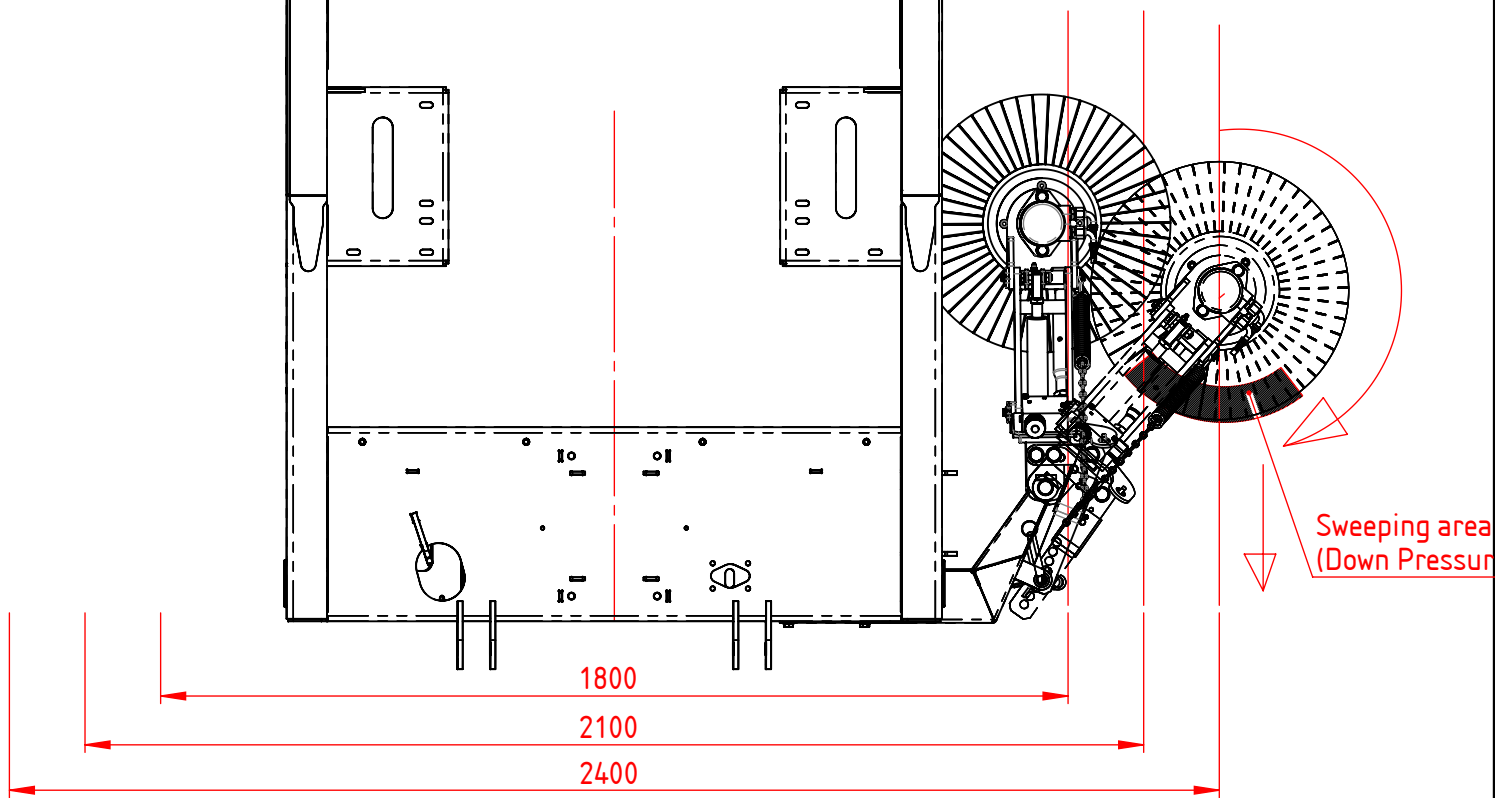
Remarks	-	PGM	-
Qty per Machine		Scale	1:10
Weight	kg		

069.0801

Drawn	PCL	28-2-2017	Sheet	1/2
Release	PCL	1-3-2017	Revision	-

069.0801 - ZRef

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 Sheet-Metal Bending:
 ISO 2768-cl

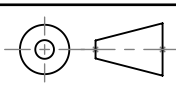
Gootborstel S4
 Links



069.0801

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



Remarks	-	PGM	-
Qty per Machine	Weight	Scale	1:15
	kg		

Drawn	PCL	28-2-2017
Release	PCL	1-3-2017

Sheet	2/2
Revision	-

069.1005-Zref

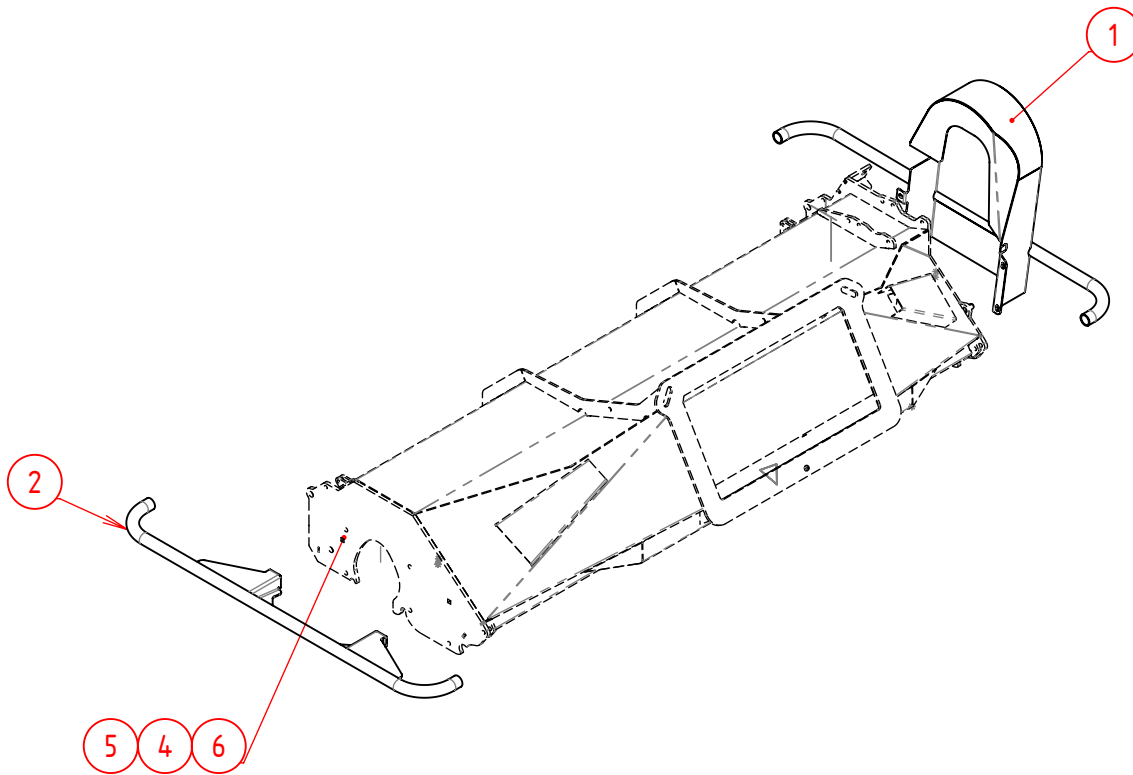
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Gewijzigd in symmetrische uitvoering	28-05-18	pcl


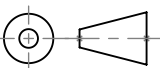
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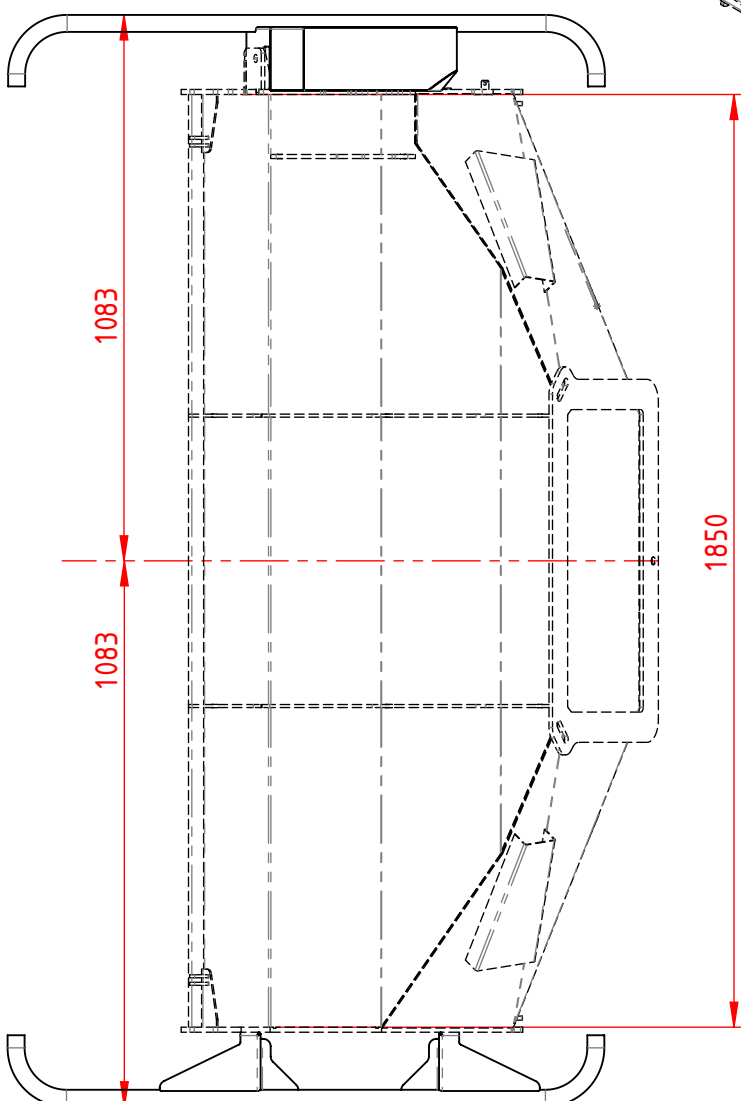
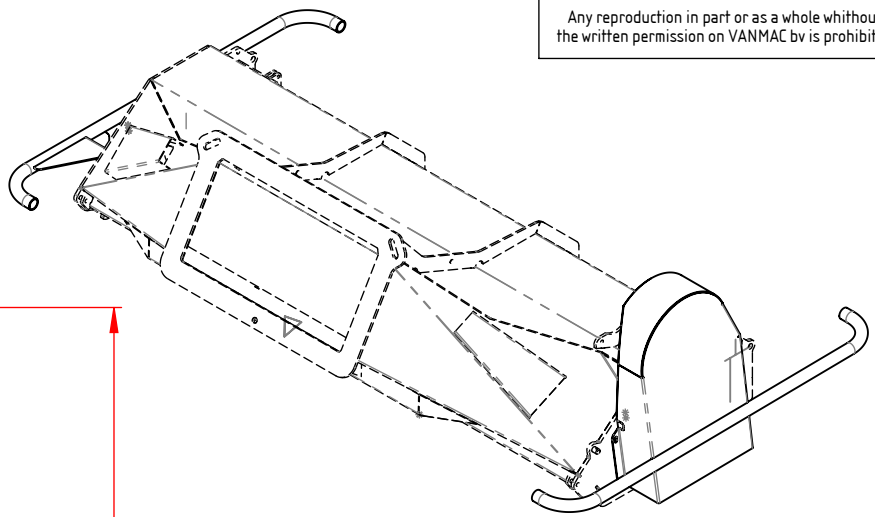


7	2	90.98510	Zelfborgende Moer M10				
5	2	90.9021A10	Carr.Ring M10				
4	2	90.6031025	Slotbout M10x25				
3	4	KR.KS111064	Inzetstuk rond 1"	Zwart			
2	1	069.1005.17	Beschermkap met Beugel				
1	1	069.1005.15	Zijfbscherming Rechts S4 S8-20				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

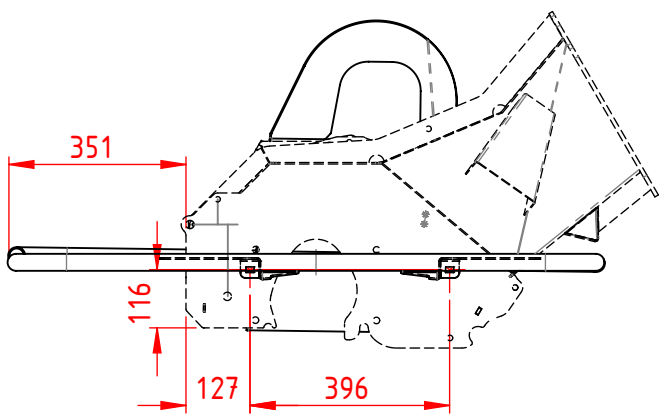
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Veiligheidsbeugels					
					Remarks - Qty per Machine	Weight 114.47 kg	PGM - Scale 1:20

Remove welding spatter
Sheet metal unscratched
Debur / Break sharp edges

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Borstelmond	Buitenmaat
1.80m	2.20m
2.10m	2.50m
2.40m	2.80m
3.00m	3.40m



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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Veiligheidsbeugels		PGM	Drawn	Sheet
Remarks	-	-	PCL 1-3-2018	2/2
Qty per Machine	Weight	Scale	Release	Revision
	114.47 kg	1:15	PCL 28-5-2018	-



069.1005

069.1122.02 - ZReel

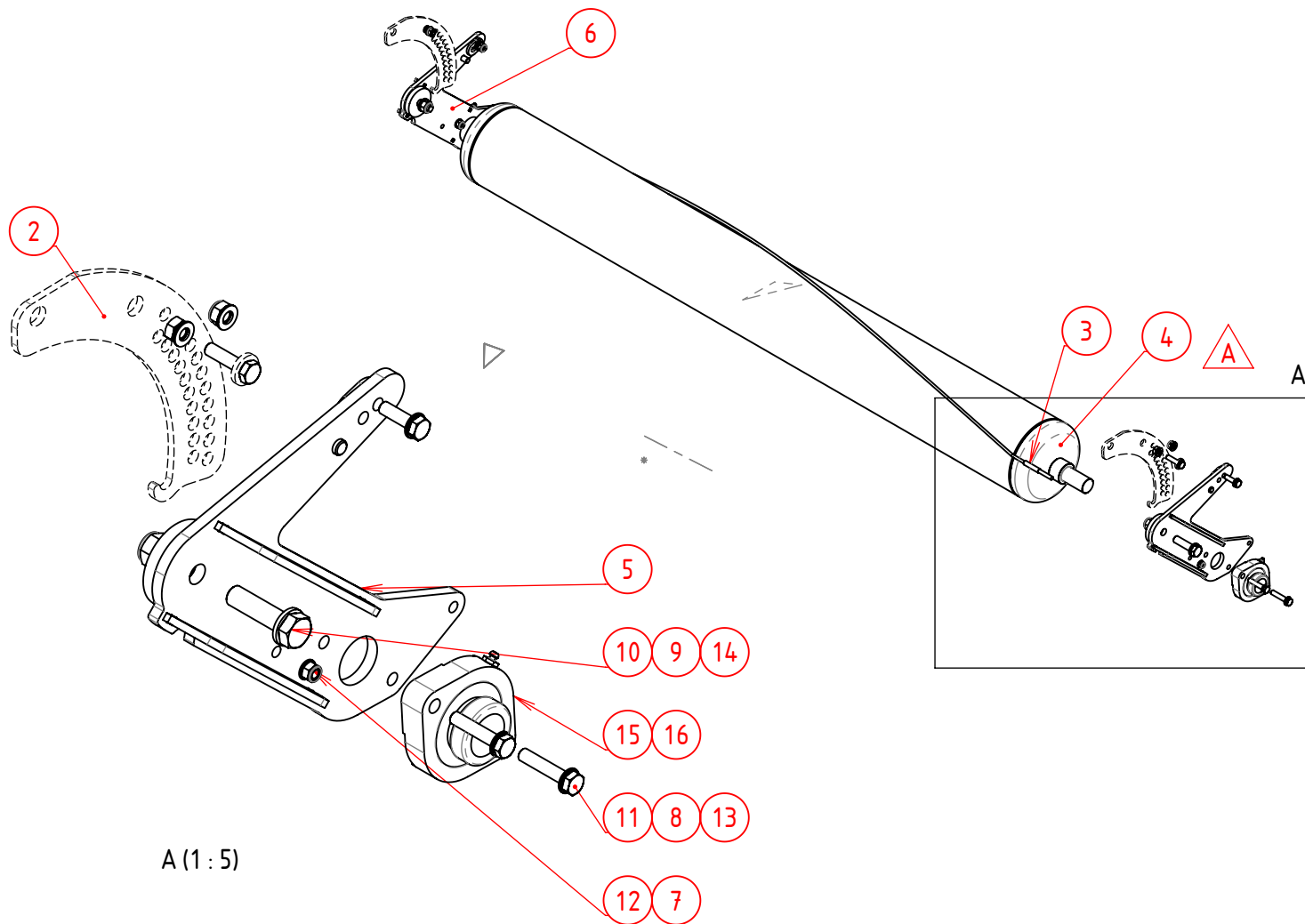
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	uitvoering gelijk aan S8	4-4-2017	pcl

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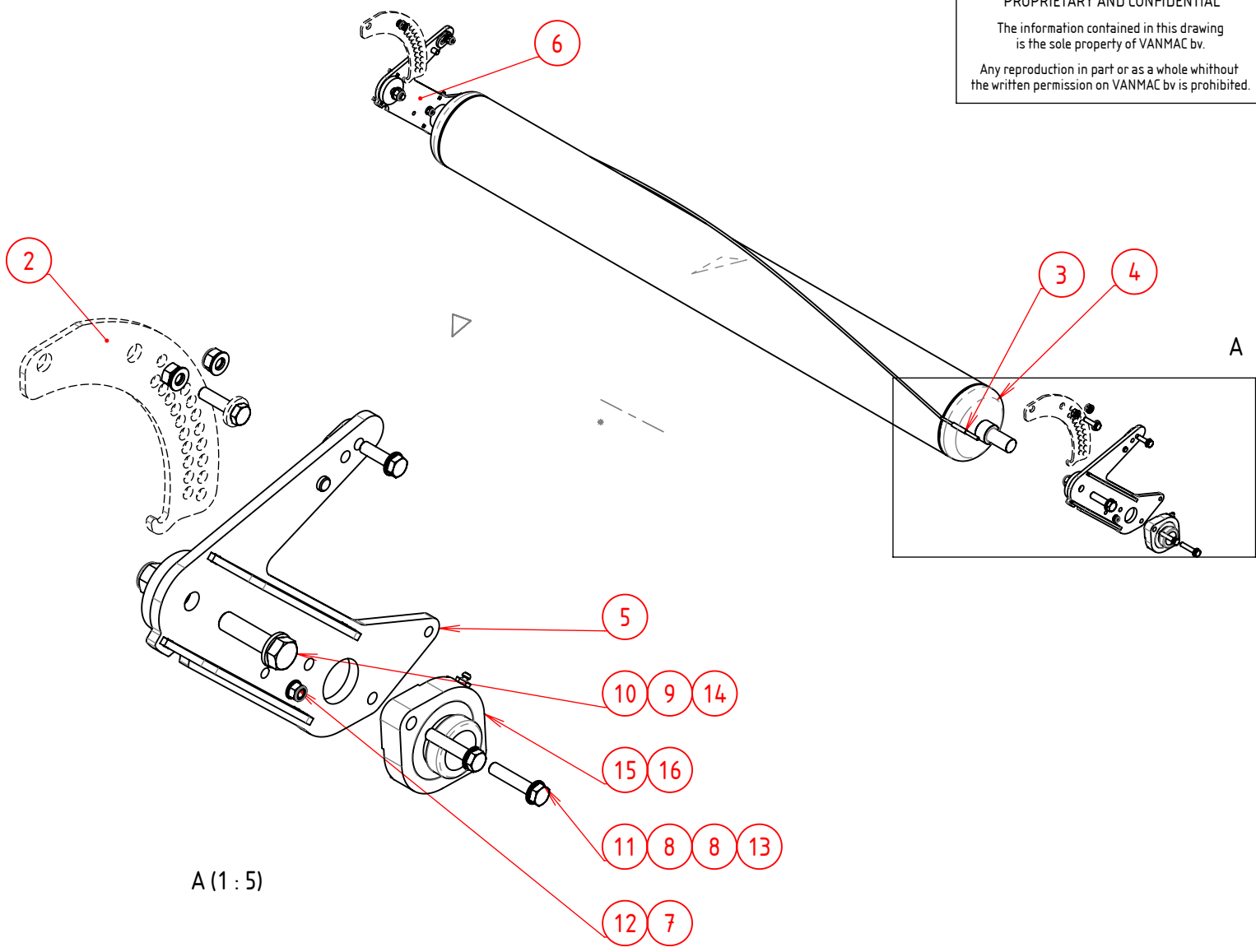
A (1 : 5)

16	2	KR.GN61180	Vetnippel M6 180°				
15	2	KR.GLCTE35	Lagerblok Cpl.				
14	2	90.98516	Zelfborgende Moer M16				
13	4	90.98510	Zelfborgende Moer M10				
12	2	90.9858	Zelfborgende Moer M8				
11	4	90.9331050	Tapbout M10x50				
10	2	90.9311660	Zeskantbout M16x60				
9	4	90.125A16	Sluitring M16				
8	8	90.125A10	Sluitring M10				
7	2	90.125A8	Sluitring M8				
6	1	056.1006.21	Arm hoogteversteller	re			
5	1	056.1006.20	Arm hoogteversteller	li			
4	1	056.1041.38	Looprol 2.10m - 194mm				
3	1	056.1041.29	Schraapkabel Ltot=2250mm	6mm - 2x draadeind M8			
2	0	056.1006.86	Verstelstrip	curved			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	<h3>looprol 2.10m laag</h3>				
		Remarks Qty per Machine Weight 134.58 kg		PGM Scale 1:15	Drawn STAGE 22-12-2016 Release TS 3-10-2017	Sheet 1/1 Revision A

069.1122.03 - ZReel

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A (1 : 5)

16	2	KR.GN61180	Vetnippel M6 180°				
15	2	KR.GLCTE35	Lagerblok Cpl.				
14	2	90.98516	Zelfborgende Moer M16				
13	4	90.98510	Zelfborgende Moer M10				
12	2	90.9858	Zelfborgende Moer M8				
11	4	90.9331050	Tapbout M10x50				
10	2	90.9311660	Zeskantbout M16x60				
9	4	90.125A16	Sluitring M16				
8	8	90.125A10	Sluitring M10				
7	2	90.125A8	Sluitring M8				
6	1	056.1006.21	Arm hoogteversteller	re			
5	1	056.1006.20	Arm hoogteversteller	li			
4	1	056.1051.38	Looprol 2.40m - 194mm				
3	1	056.1051.29	Schraapkabel Ltot=2550mm	6mm - 2x draadeind M8			
2	0	056.1006.86	Verstelstrip	curved			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	looprol 2.40m laag				
				Remarks Qty per Machine	Weight 134.58 kg	PGM Scale 1:15

069.1122-ZRev

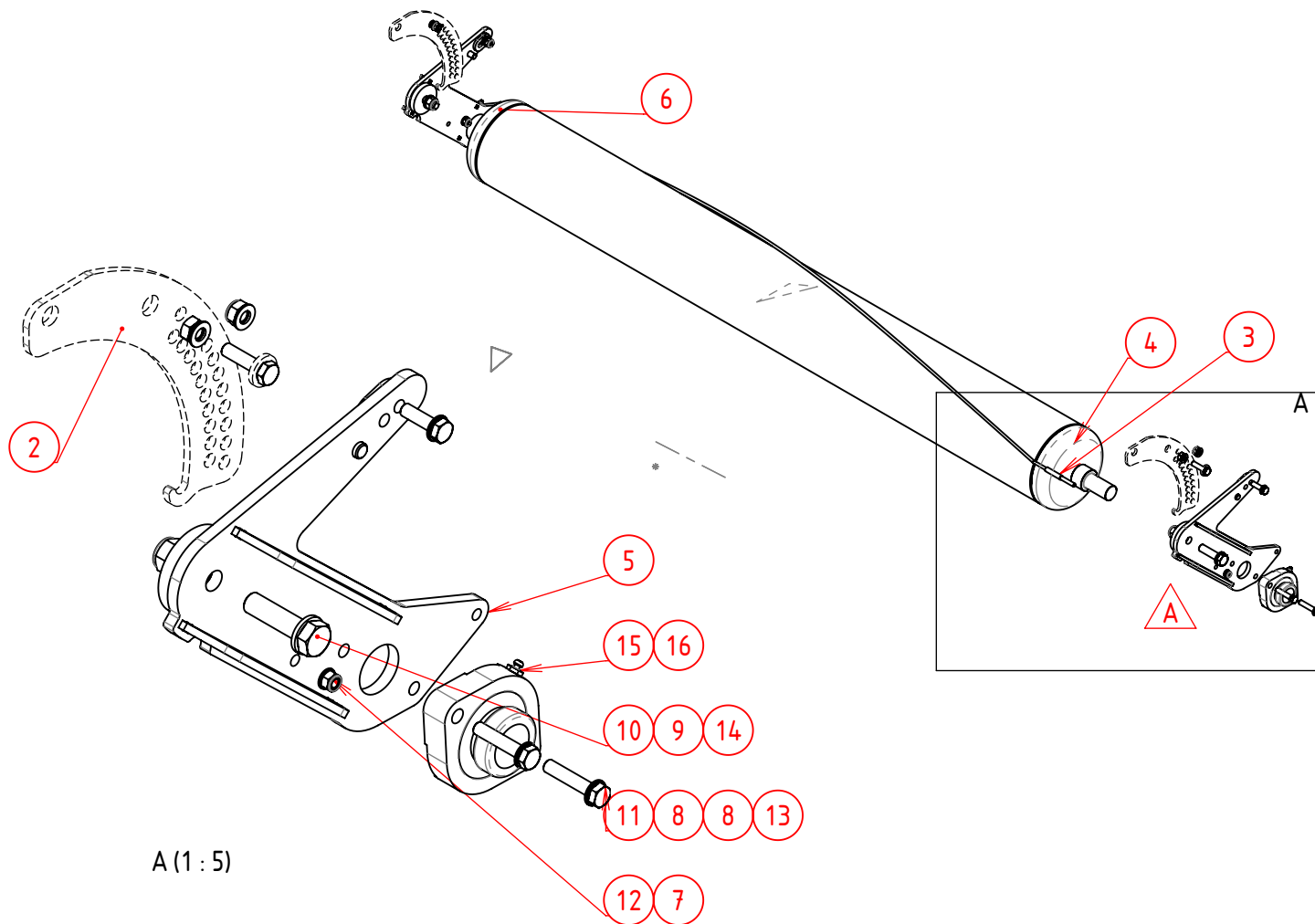
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	hoogteversteller conform S8	4-4-2017	PCL

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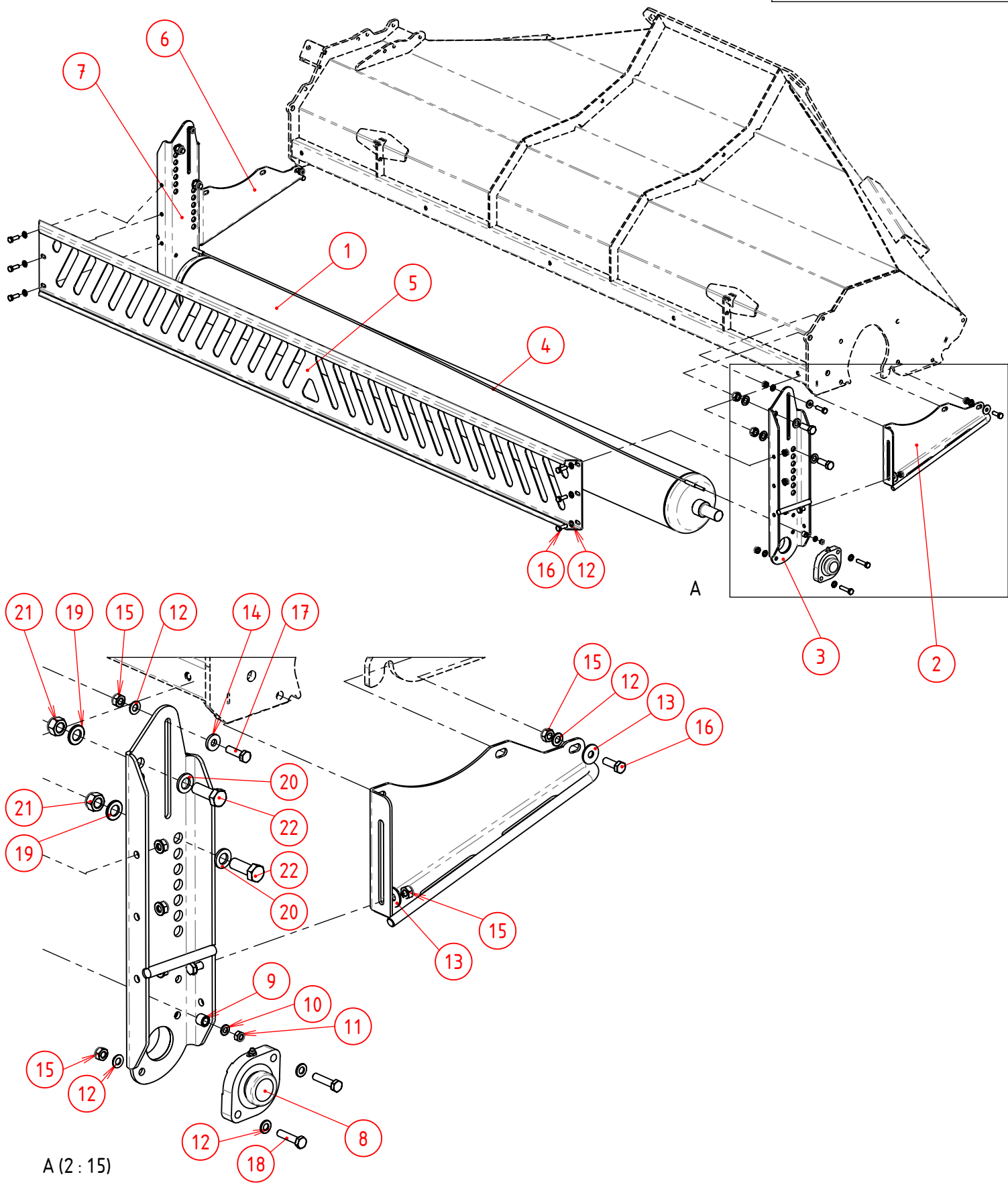
A (1 : 5)

16	2	KR.GN61180	Vetnippel M6 180°				
15	2	KR.GLCTE35	Lagerblok Cpl.				
14	2	90.98516	Zelfborgende Moer M16				
13	4	90.98510	Zelfborgende Moer M10				
12	2	90.9858	Zelfborgende Moer M8				
11	4	90.9331050	Tapbout M10x50				
10	2	90.9311660	Zeskantbout M16x60				
9	4	90.125A16	Sluitring M16				
8	8	90.125A10	Sluitring M10				
7	2	90.125A8	Sluitring M8				
6	1	056.1006.21	Arm hoogteversteller	re			
5	1	056.1006.20	Arm hoogteversteller	li			
4	1	056.1031.38	Looprol 1.80m - 194mm				
3	1	056.1031.29	Schraap kabel Ltot=1950mm	6mm - 2x draadeind M8			
2	0	056.1006.86	Verstelstrip	curved			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	looprol 1.80m laag				
				Remarks Qty per Machine	Weight 134.58 kg	PGM Scale 1:15

069.1123.03-ZRev

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A (2 : 15)

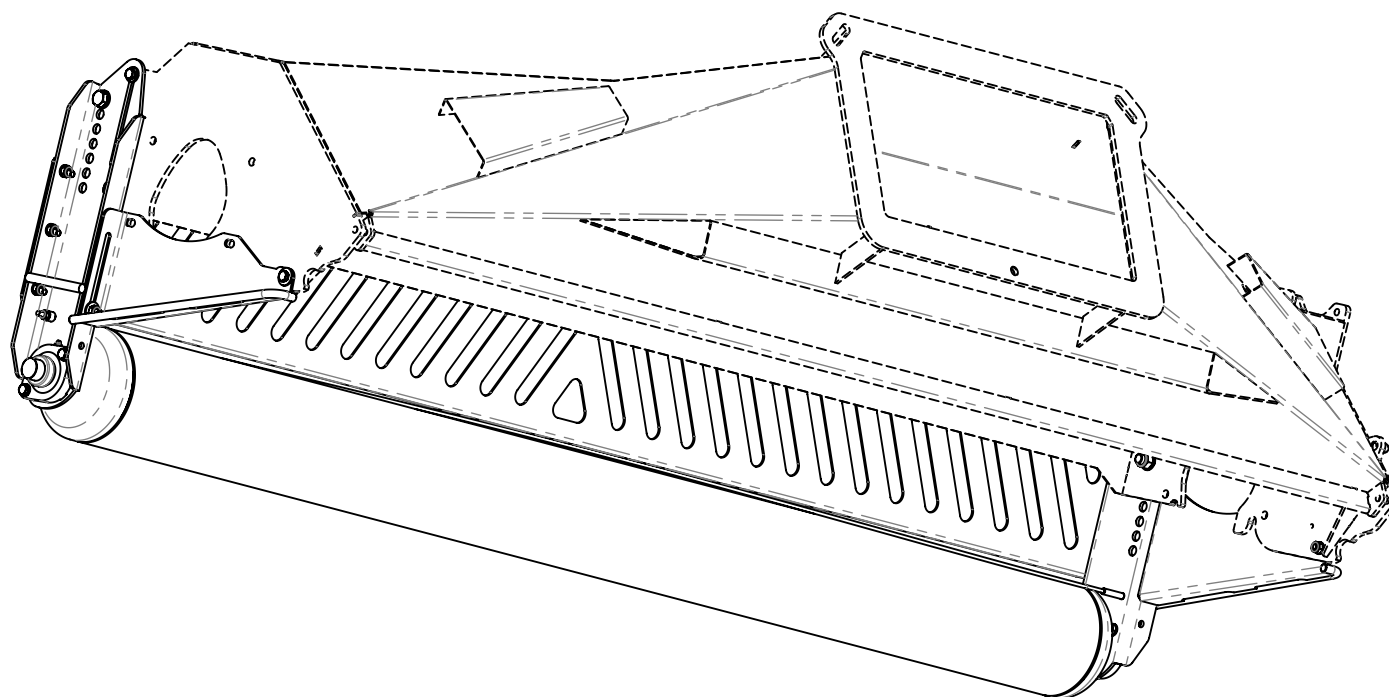
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cL Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Looprol 2.40m hoog				
					069.1123.03	
Remove welding spatter Sheet metal unscratched Deburr / Break sharp edges			Remarks -	PGM -	Drawn TS 1-12-2017	Sheet 1/2
		Qty per Machine	Weight 45.62 kg	Scale 1:16	Release TS 1-12-2017	Revision -

069.1123.03-ZRef


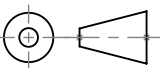
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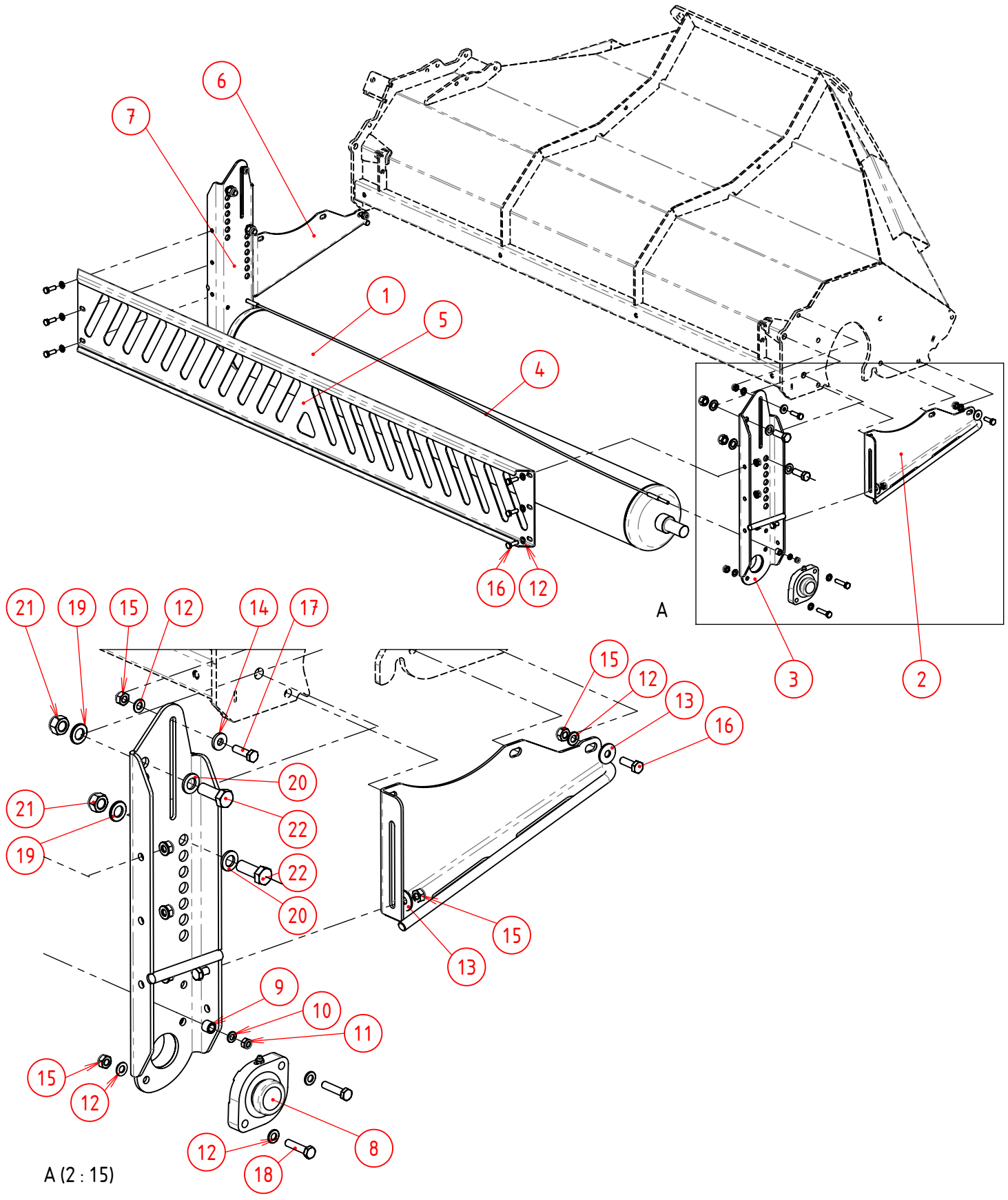


22	4	90.9331645	Tapbout M16x45	8.8			
21	4	90.98516	Zelfborgende Moer M16				
20	4	90.NL16SPGEL	Borgring Nordlock Gel. P/p M16	grote buitendiameter			
19	4	90.125A16	Sluitring M16				
18	4	90.9311045	Zeskantbout M10x45				
17	2	90.9331035	Tapbout M10x35	8.8			
16	10	90.9331030	Tapbout M10x30				
15	16	90.98510	Zelfborgende Moer M10				
14	2	90.734910	Carr.Ring M10 Dik				
13	4	90.9021A10	Carr.Ring M10				
12	26	90.125A10	Sluitring M10				
11	2	90.9858	Zelfborgende Moer M8				
10	2	90.125A8	Sluitring M8				
9	2	45.10490	Bus Ø16x3 L=13	Ø16x10.5 L=13			
8	2	KR.GLCTE35-Z	Lagerblok cpl.	zilver			
7	1	069.1123.08	hoogte verstelling balk L				
6	1	069.1031.45	Zijfscherming Links	Verhoogde looprol			
5	1	069.1123.12	Afschermplaat achterzijde 2.40				
4	1	056.1051.29	Schraapkabel Ltot=2550mm	6mm - 2x draadeind M8			
3	1	069.1031.02	hoogte verstelling balk R				
2	1	069.1031.40	Zijfscherming Rechts	Verhoogde looprol			
1	1	056.1051.38	Looprol 2.40m - 194mm				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Looprol 2.40m hoog					
					Remarks - Qty per Machine	Weight 45.62 kg	PGM - Scale 1:12.5
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges							

069.1123-ZRev

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Looprol 1.80m hoog		PGM	-
Remarks	-	Scale	1:15
Qty per Machine	Weight	40.20 kg	

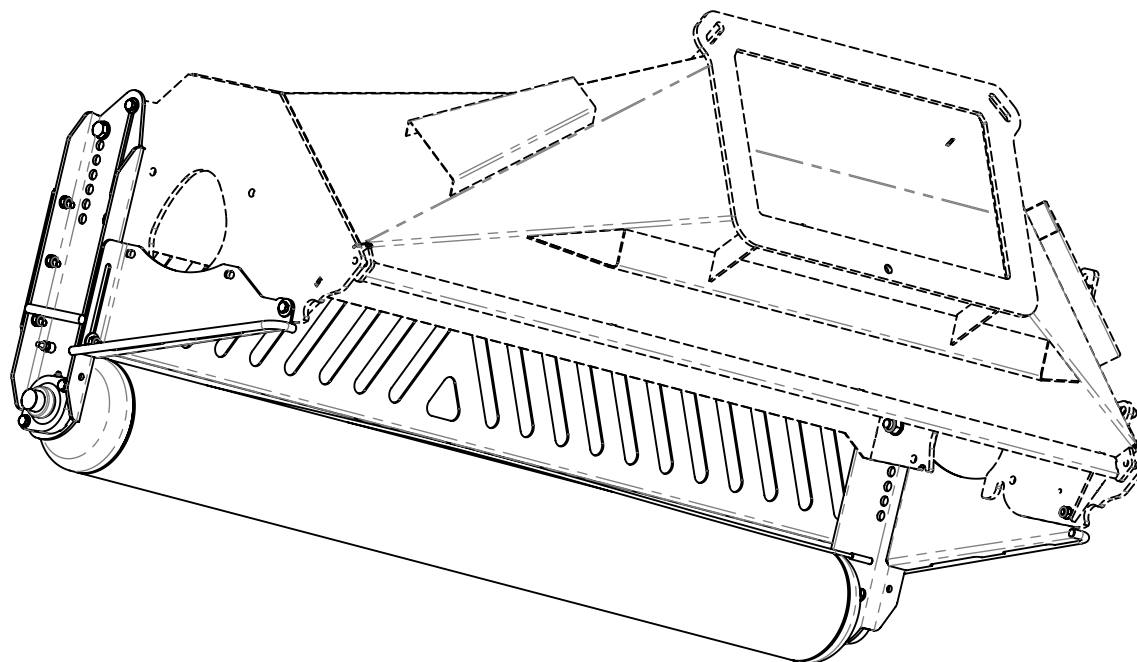
TRILO			
069.1123			
Drawn	TS 1-12-2017	Sheet	1/2
Release	TS 1-12-2017	Revision	-

069.1123-ZRef


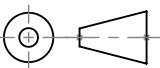
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22	4	90.9331645	Tapbout M16x45	8.8			
21	4	90.98516	Zelfborgende Moer M16				
20	4	90.NL16SPGEL	Borgring Nordlock Gel. P/p M16	grote buitendiameter			
19	4	90.125A16	Sluitring M16				
18	4	90.9311045	Zeskantbout M10x45				
17	2	90.9331035	Tapbout M10x35	8.8			
16	10	90.9331030	Tapbout M10x30				
15	16	90.98510	Zelfborgende Moer M10				
14	2	90.734910	Carr.Ring M10 Dik				
13	4	90.9021A10	Carr.Ring M10				
12	26	90.125A10	Sluitring M10				
11	2	90.9858	Zelfborgende Moer M8				
10	2	90.125A8	Sluitring M8				
9	2	45.10490	Bus Ø16x3 L=13	Ø16x10.5 L=13			
8	2	KR.GLCTE35-Z	Lagerblok cpl.	zilver			
7	1	069.1123.08	hoogte verstelling balk L				
6	1	069.1031.45	Zijfscherming Links	Verhoogde looprol			
5	1	069.1123.05	Afschermplaat achterzijde 1.80				
4	1	056.1031.29	Schraapkabel Ltot=1950mm	6mm - 2x draadeind M8			
3	1	069.1031.02	hoogte verstelling balk R				
2	1	069.1031.40	Zijfscherming Rechts	Verhoogde looprol			
1	1	056.1031.38	Looprol 1.80m - 194mm				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Looprol 1.80m hoog					
					Remarks - Qty per Machine	Weight 40.20 kg	PGM - Scale 1:12.5

Remove welding spatter
Sheet metal unscratched

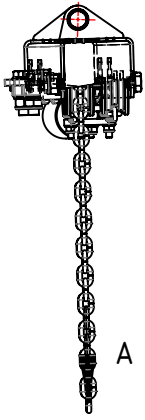
Debur / Break sharp edges

069.1201-ZRef

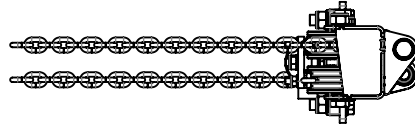
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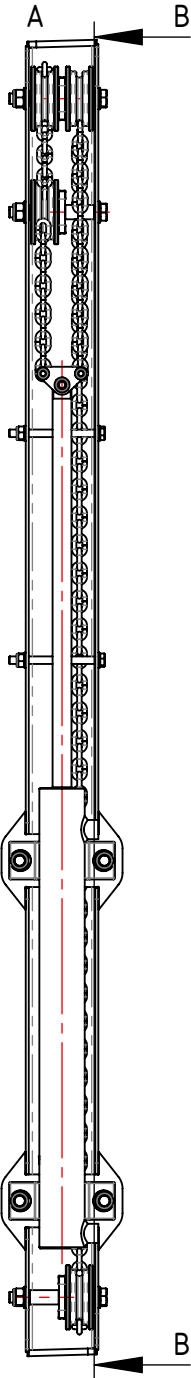
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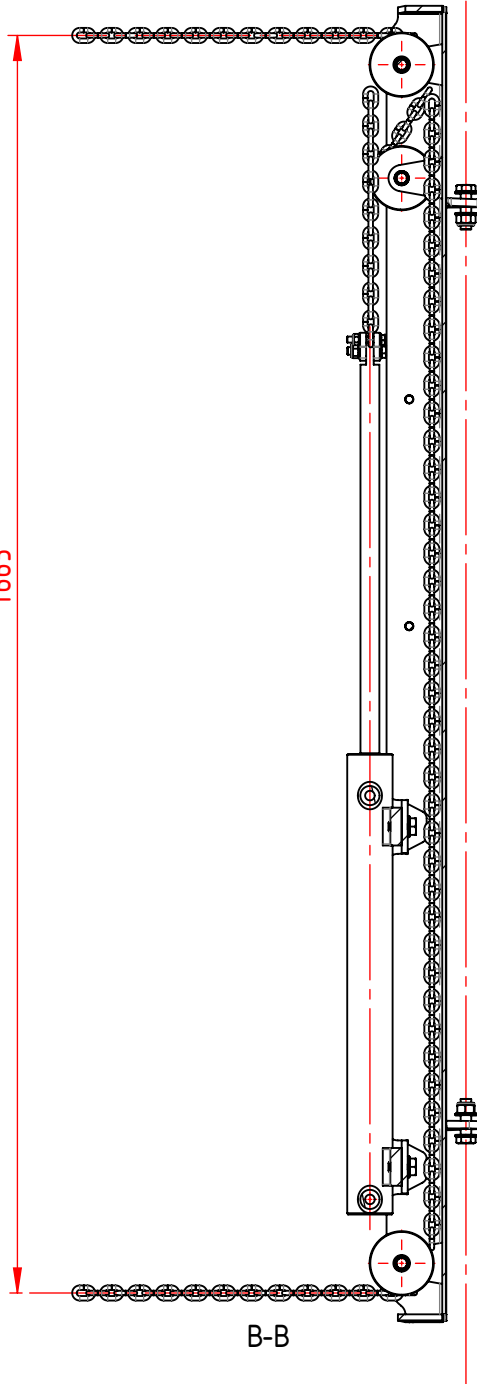
A



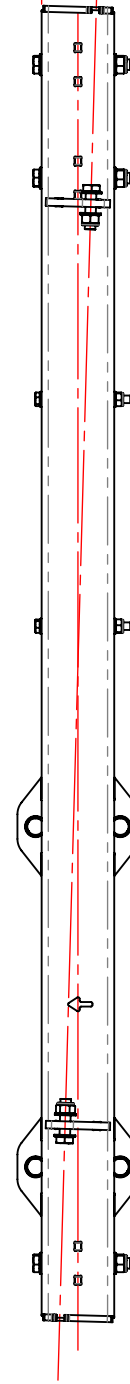
1.60°



1665



B-B



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the Netherlands

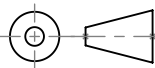
Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Kettinghef



Remarks

Qty per Machine

Weight

PGM

Scale

Drawn

Release



069.1201

TS 6-9-2016

TS 23-5-2018

Sheet

Revision

1/2

A

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

1 35.56 kg

1:10

069.1201-ZRef

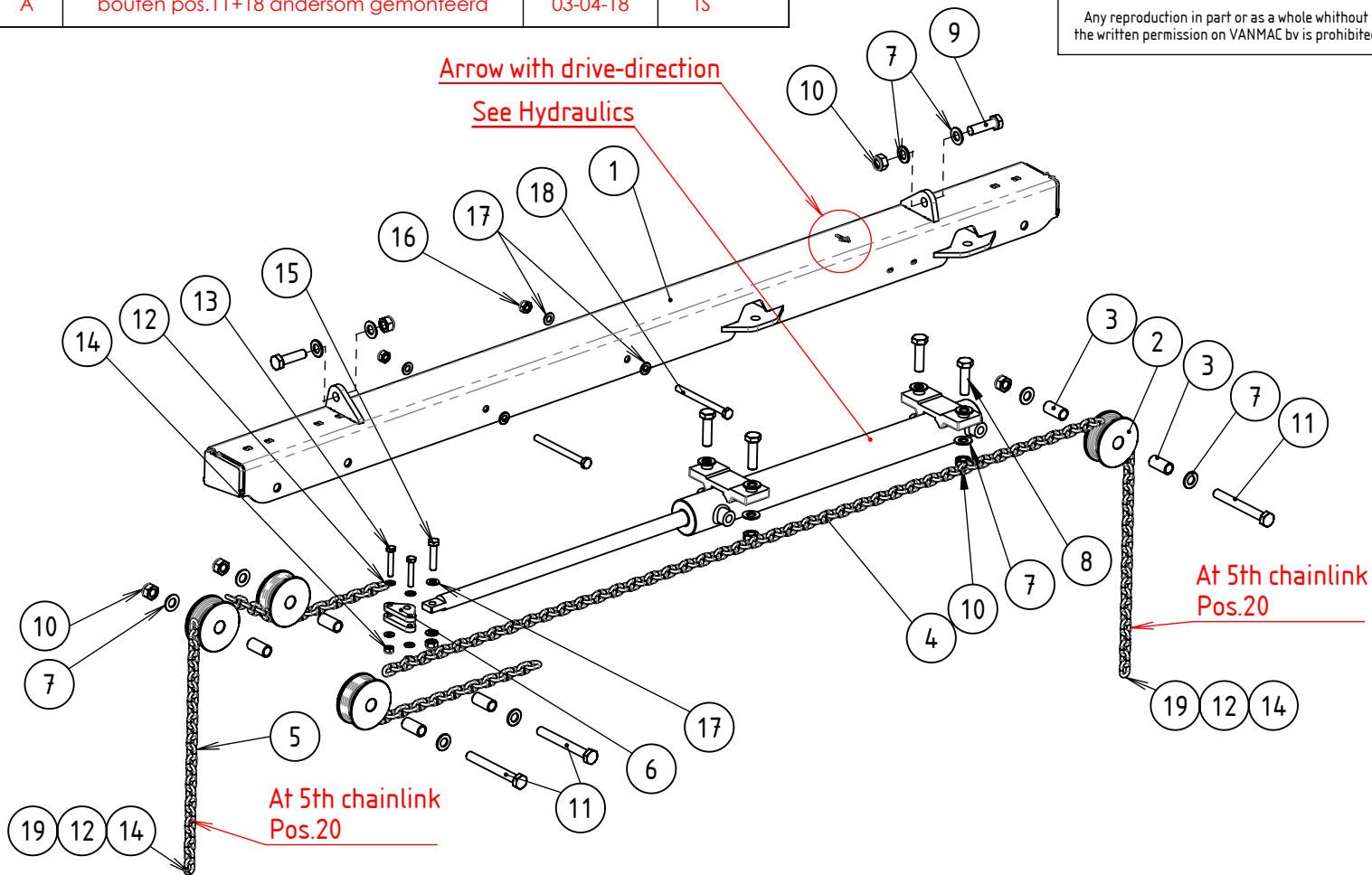
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	bouten pos.11+18 andersom gemonteerd	03-04-18	TS

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20	2	KR.HA06	Harpsluiting 1/4"				
19	2	90.931835	Zeskantbout M8x35				
18	2	90.93110120	Zeskantbout M10x120				
17	6	90.125A10	Sluitring M10				
16	3	90.98510	Zelfborgende Moer M10				
15	1	90.9311045	Zeskantbout M10x45				
14	4	90.9858	Zelfborgende Moer M8				
13	2	90.931840	Zeskantbout M8x40				
12	8	90.125A8	Sluitring M8				
11	3	90.93114120	Zeskantbout M14x120				
10	9	90.98514	Zelfborgende Moer M14				
9	2	90.9311460	Zeskantbout M14x60				
8	4	90.9331450	Tapbout M14x50				
7	18	90.125A14	Sluitring M14				
6	2	056.1200.08	Evenaar kettinghef				
5	1	056.1200.22	Hijsketting 6mm L=1180	Verz. 65 schakels			
4	1	056.1200.21	Hijsketting 6mm L=2840	Verz. 157 schakels			
3	6	069.1200.18	Bus kettingrol 19x14.5-39				
2	4	069.1200.24	Spanrol 6mm Hefketting	Nylon			
1	1	069.1201.02	Ophangbalk kettinghef				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

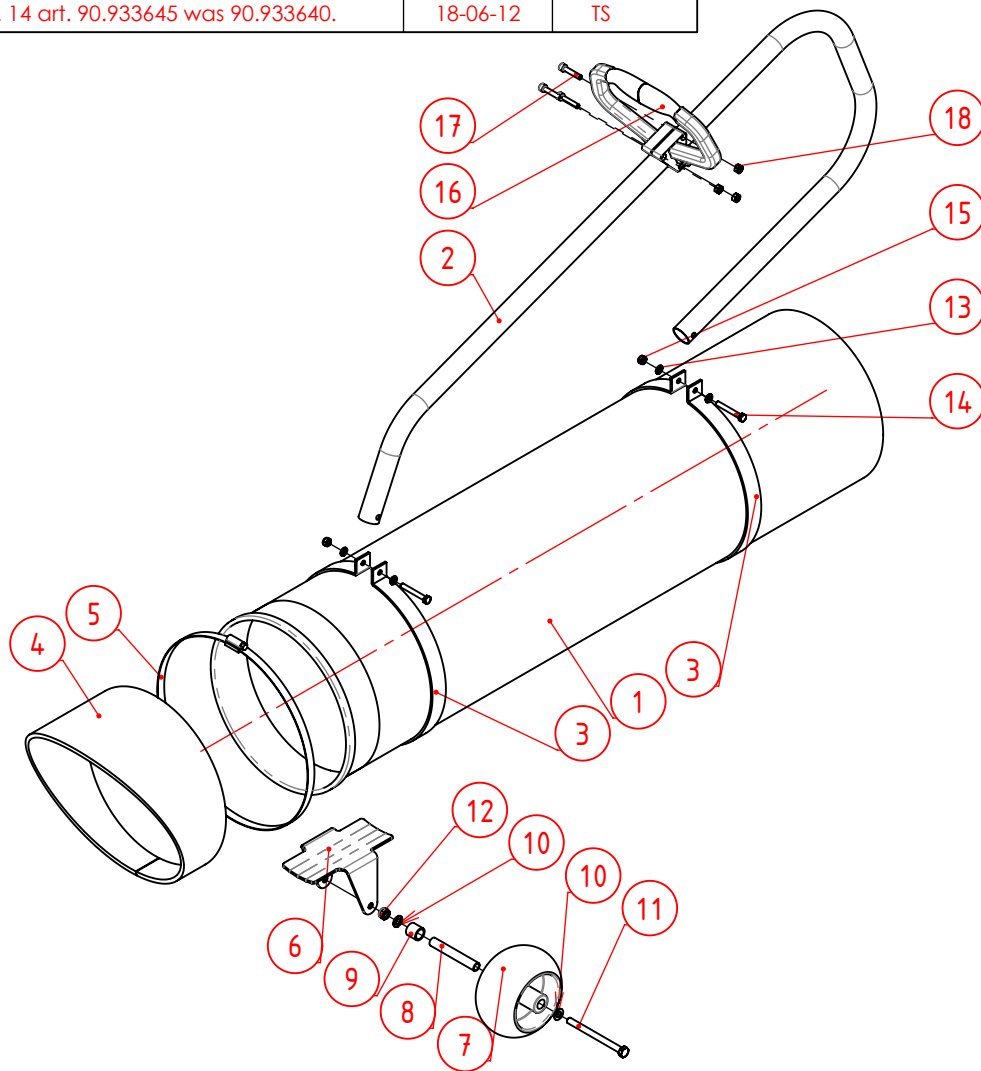
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Kettinghef				
				Remarks Qty per Machine: 1	Weight: 35.56 kg	PGM Scale: 1:11

069.14.10.11 - Zrcel

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Pos. 14 art. 90.933645 was 90.933640.	18-06-12	TS

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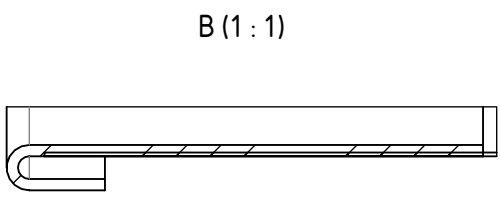
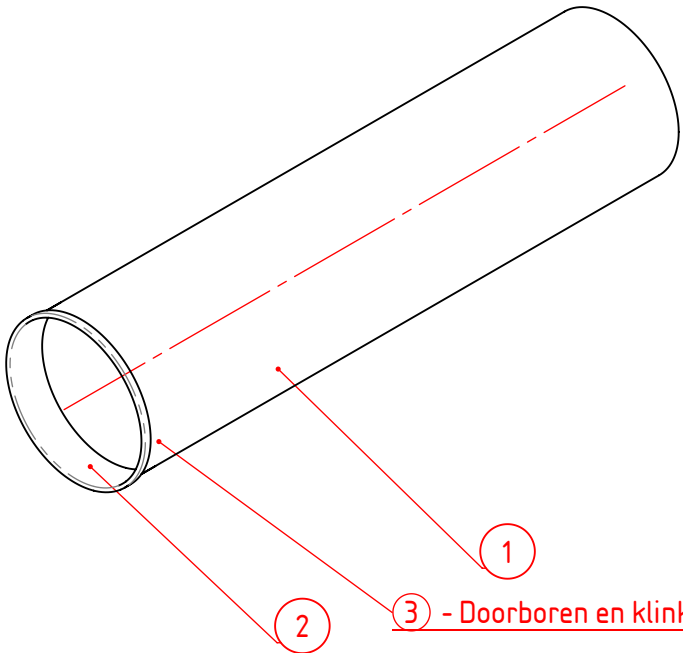


18	3	90.9345	Moer M5				
17	3	90.84535	Metaalschroef Cil.Kop M5x35				
16	1	04.07040	Handgreep				
15	2	90.9856	Zelfborgende Moer M6				
14	2	90.933645	Tapbout M6x45				
13	4	90.125A6	Sluitring M6				
12	1	90.9858	Zelfborgende Moer M8				
11	1	90.9318100	Zeskantbout M8x100				
10	2	90.125A8	Sluitring M8				
9	1	61.04053	Bus Ø18x2.0 L=17				
8	1	61.04052	Bus Ø12x1.5 L=82				
7	1	KR.FGP012510	Terras Wiel 5x25/8 Voo				
6	1	61.04051	Loopwiel Gaffel	tbv imitatie loopwiel			
5	1	08.07020	Klemband Ø250-280mm				
4	1	70.14141	Rubber Zuigmof Ø250mm				
3	2	069.1410.14	Draagbeugelklem 250mm				
2	1	70.14041	Draagbeugel				
1	1	069.1410.15	Zuigbuis 250mm + Stootrand				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

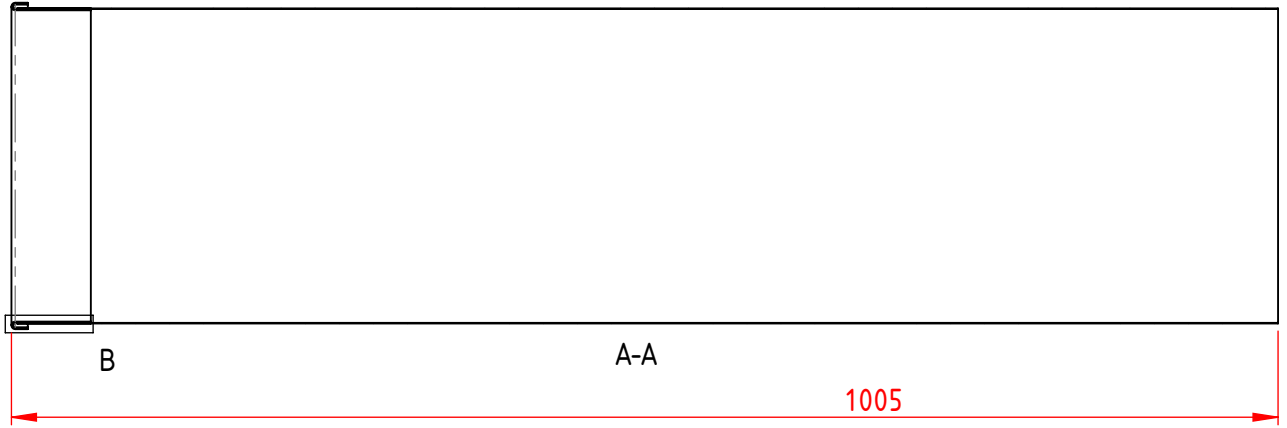
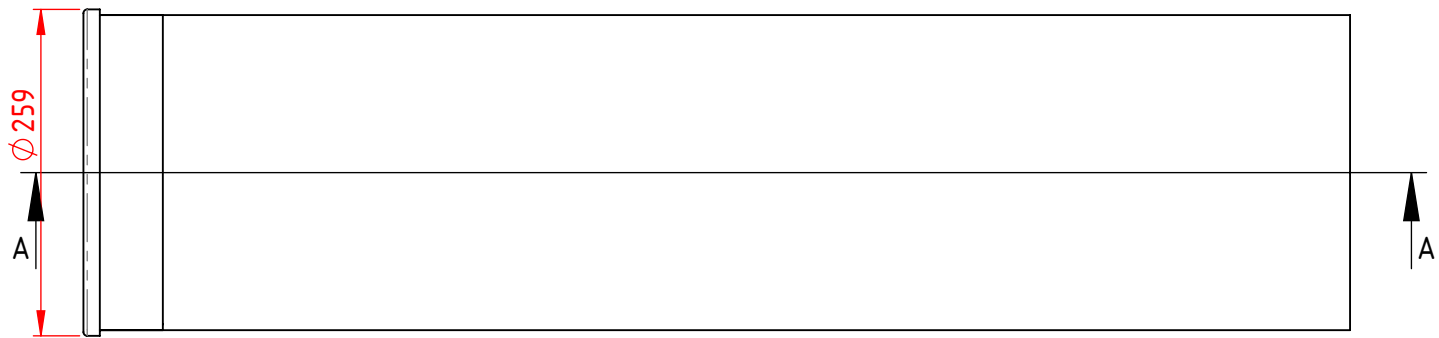
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Zuigbuis 250mm Compleet ballonwiel + handgreep				
					069.1410.11	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Remarks Qty per Machine	Weight 5.03 kg	PGM Scale 1:10	Drawn PCL 8-8-2011 Release PV 15-2-2017	Sheet 1/1 Revision A	

069.14.10.15 - ZReel

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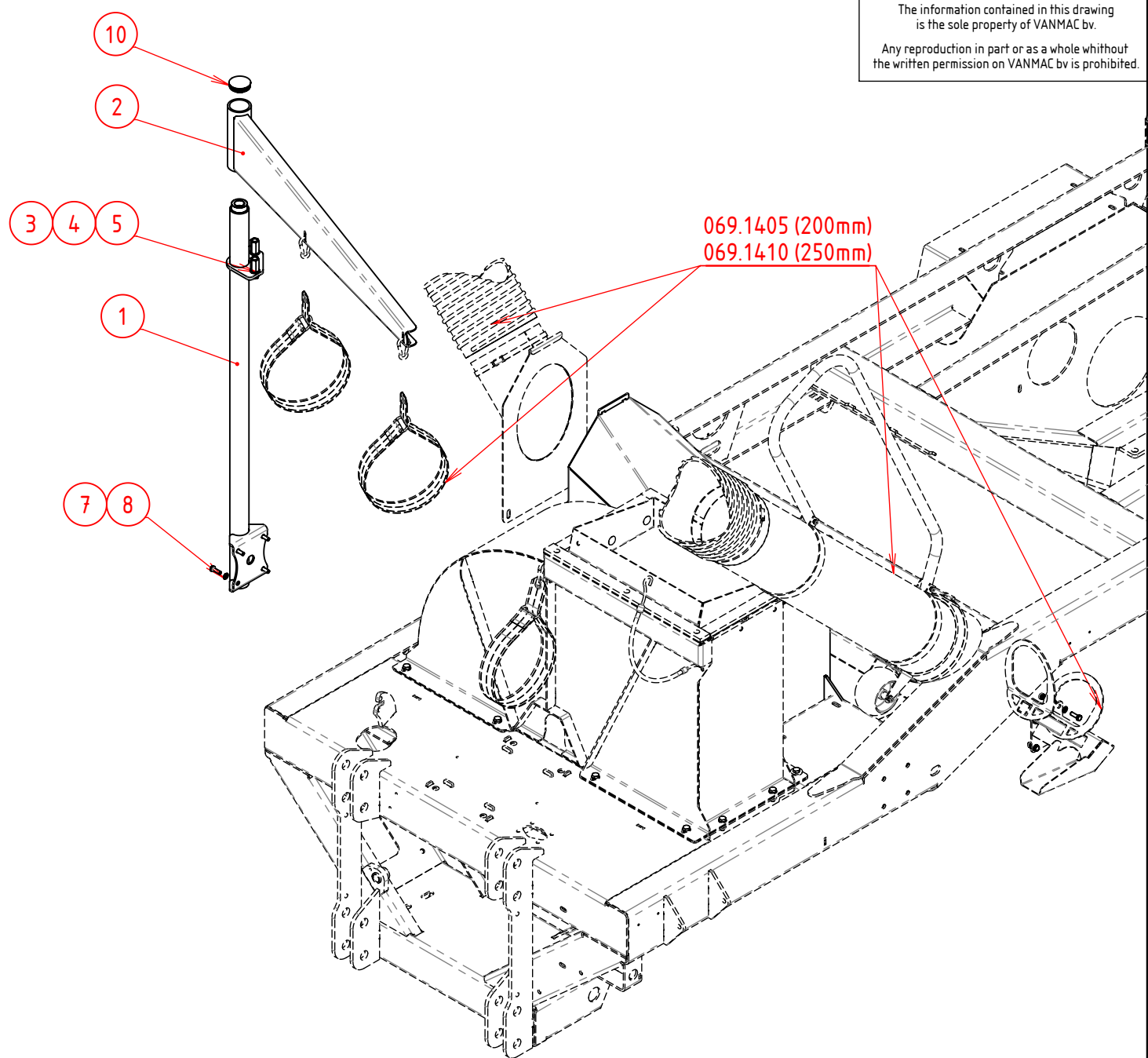
③ - Doorboren en klinknage van binnenuit aanbrengen



3	3	kr.bn46	Blindklinknagel 4x6				
2	1	069.1410.13	Stootrand 250mm Zuigbuis				
1	1	069.1410.12	250mm Spiroflex buis				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Zuigbuis 250mm + Stootrand				
					Drawn PCL 9-8-2011	Sheet 1/1
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	DO NOT SCALE DRAWING	Remarks Qty per Machine 1	Weight 1.11 kg	PGM Scale 1:6	Release PV 10-2-2017	Revision -

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10	1	069.1400.32	inzetstukvlak 55mm					
8	4	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter				
7	4	90.9331025	Tapbout M10x25					
5	2	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter				
4	2	90.9331225	Tapbout M12x25					
3	2	90.633412	Verbindingsmoer M12					
2	1	069.1400.08	Slangarm					
1	1	069.1411.16	Slangarm	LSM S4				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Werkarm handloopslang

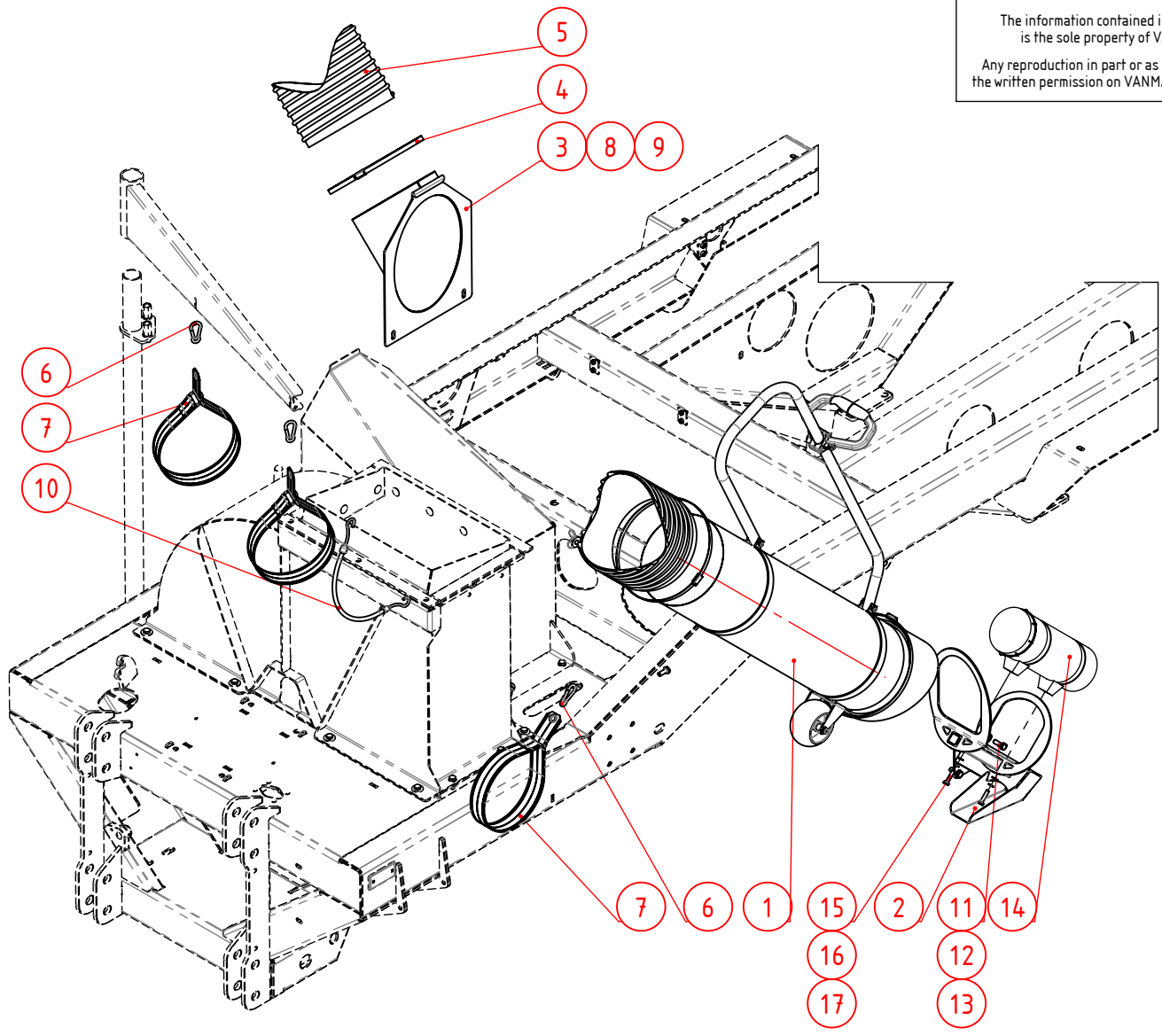
S4

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	STAGE 7-10-2016	1/1
1	1:15	Release PV 13-4-2017	Revision -

069.1411

069.1412-Z-Rev

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17	2	90.125A8	Sluitring M8				
16	2	90.127B8	Veerring M8				
15	2	90.933850	Tapbout M8x50				
14	1	IT.1005	Documenthouder 125x345mm	Zwart/Zwart Schroefdop			
13	4	90.127B10	Veerring M10				
12	4	90.125A10	Sluitring M10				
11	4	90.9331030	Tapbout M10x30				
10	1	15.14160	Spanelastiek				
9	2	90.3161020	Vleugelbout M10x20				
8	2	90.9021A10	Carr.Ring M10				
7	3	069.1410.09	Strop 250mm Zuigslang				
6	3	KR.KH07	Karabijnhaak 70x7 Gegalv				
5	1	069.1400.02	Zuigslang Ø250mm - 5000mm	Superflex PU R-DIN			
4	2	08.07020	Klemband Ø250-280mm				
3	1	069.2103.24	Slangadapter 250mm				
2	1	069.1410.01	Opbergsteun 250mm	Handloopslang			
1	1	069.1410.11	Zuigbuis 250mm Compleet	ballonwiel + handgreep			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

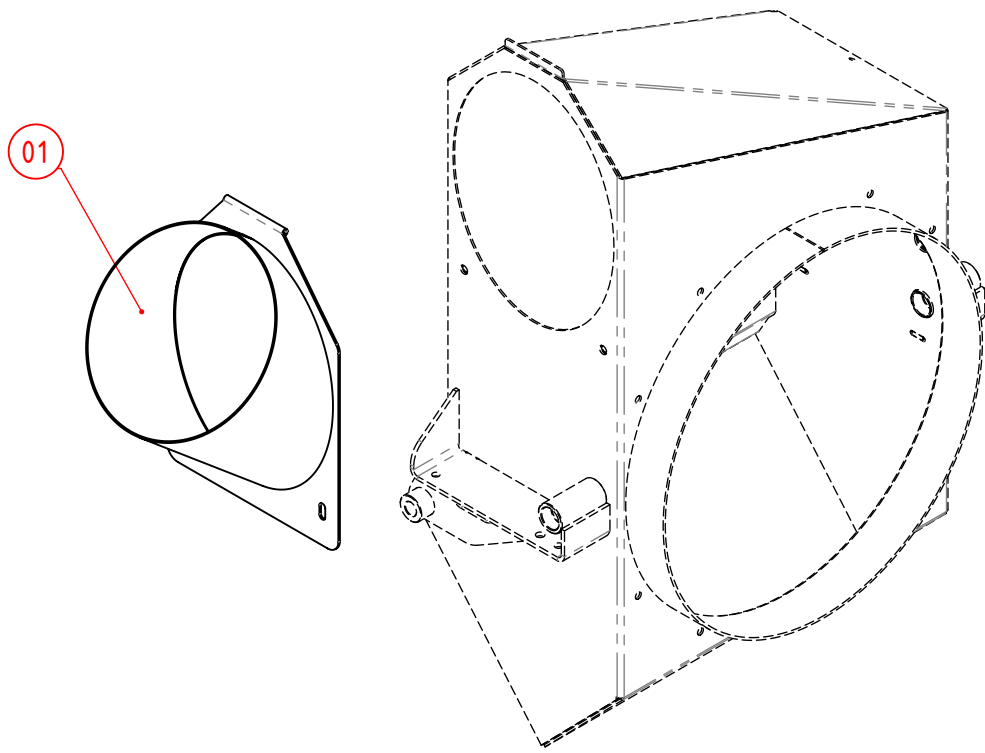
Loopslang 250mm (Kit)

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	PCL 16-1-2017	1/1
1	1:17.5	Release	Revision
Weight		PV 15-2-2017	-
1056.94 kg			


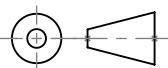
TRILO 

069.1412

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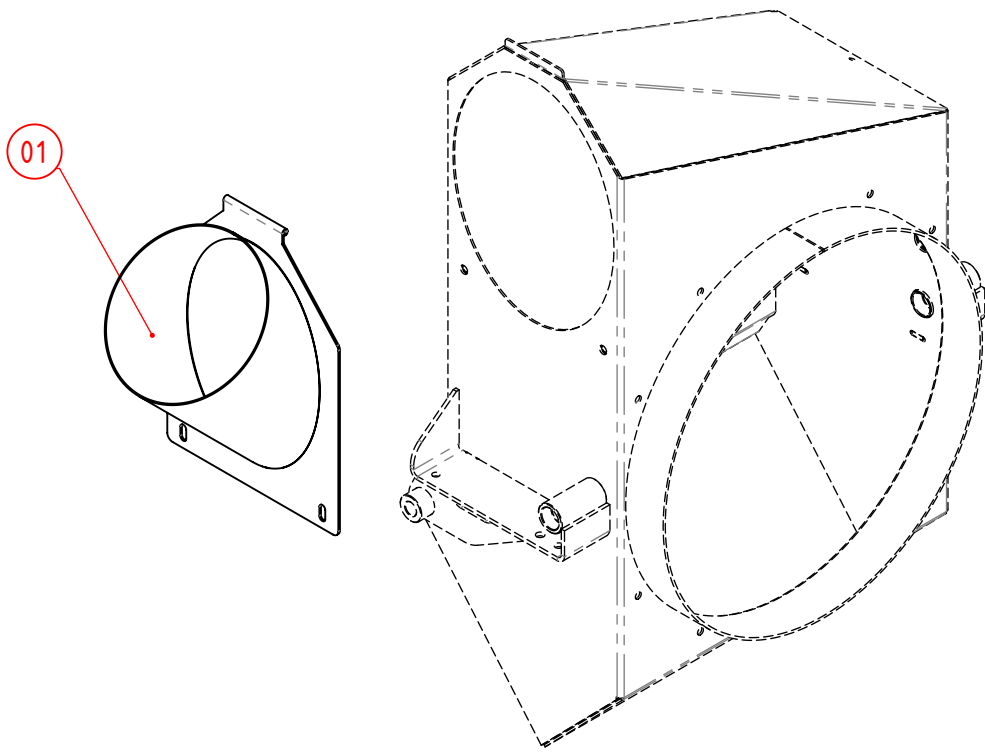
1	1	069.2103.29	Slangadapter 300mm				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl	Slangadapter 300mm					
	Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING			Remarks Qty per Machine	Weight 45.62 kg	PGM Scale 1:10	Drawn PCL 16-1-2017 Release PCL 17-1-2017

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

069.1414-ZRef

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1	1	069.2103.24	Slangadapter 250mm				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

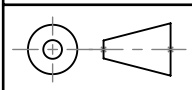
Slangadapter 250mm



069.1414

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



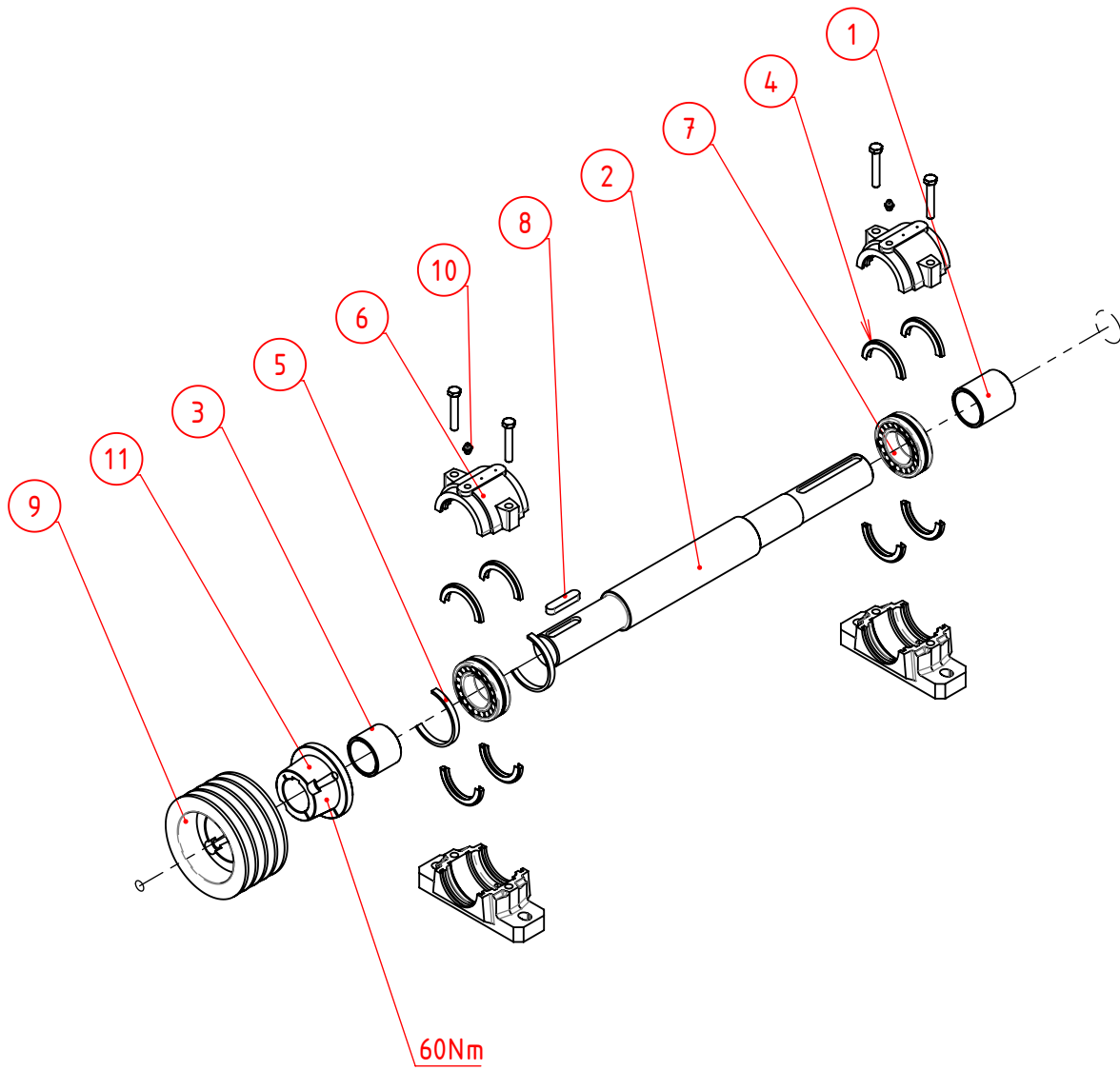
Remarks	PGM	-
Qty per Machine	Weight	48.53 kg

Scale	1:10
-------	------

Drawn	PCL	17-1-2017	Sheet	1/1
Release	PCL	17-1-2017	Revision	-

069.1502.08 - Zref

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11	1	90.SX654350	Klembus Serax 6543-Ø50	N			
10	2	KR.GN18180	Vetnippel HR 1/8" BSP cyl. elvz				
9	1	90.SX140B4	V-snaarschijf 140B-4	SERAX 6543			
8	1	90.688514960	Inlegspie 14x9x60				
7	2	90.22210	Lager Waaieras				
6	2	15.152060	Lagerhuis Waaieras SNH210	V.V. Afvoerkanaal & 1/8 Tapg			
5	2	15.152050	Spanring				
4	4	15.152016	Afdichtset SNH210	Bestaat uit 2 helften			
3	1	069.1501.16	Bus Ø60x5 L=46.5				
2	1	069.1501.15	Waaieras Ø60 L=621				
1	1	069.1500.12	Bus Ø60x5 L=65				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

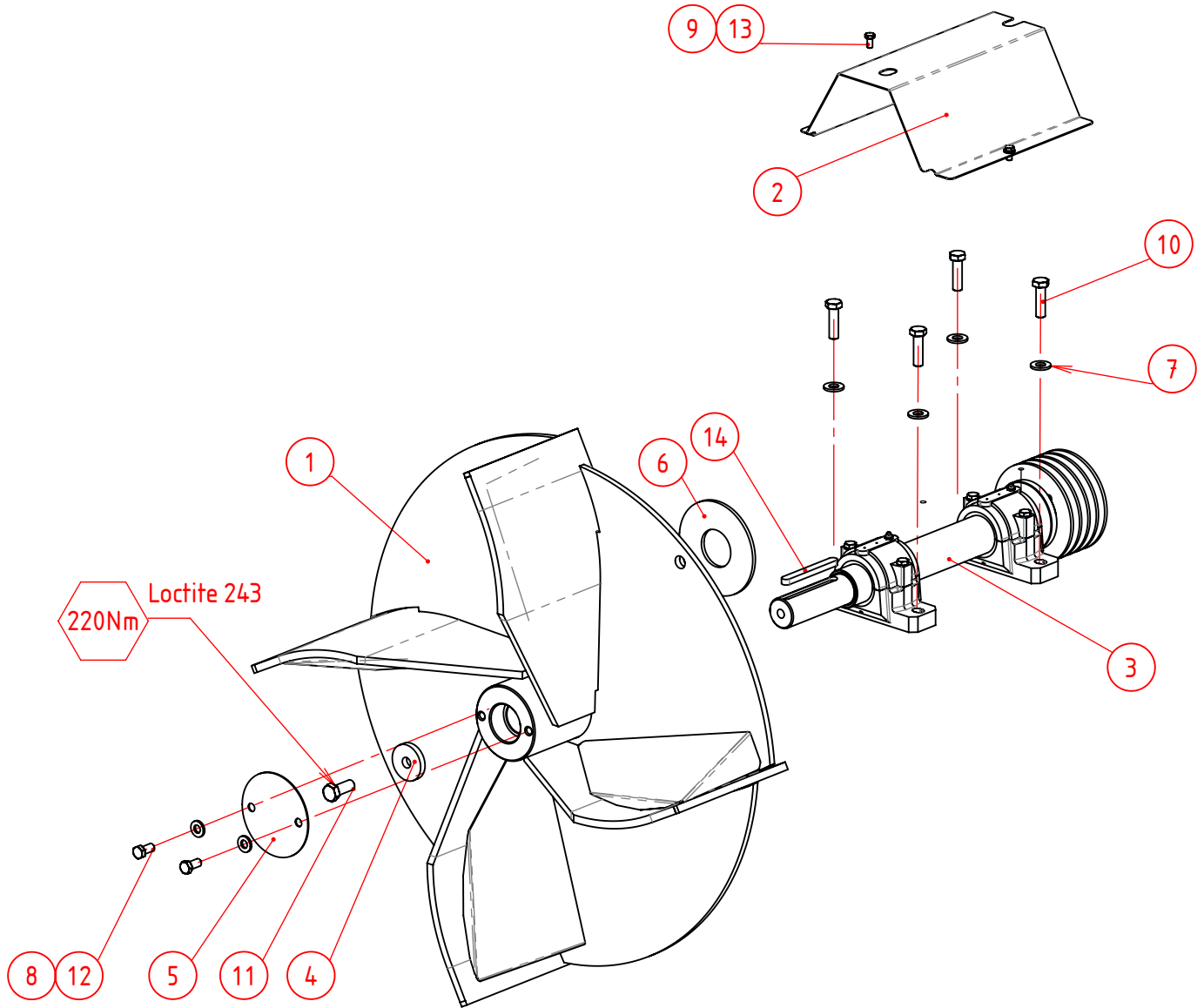
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Waaieras voorgemonteerd S4 1540 omw/min				
		Remarks Qty per Machine: 1 Weight: 27.59 kg		PGM: - Scale: 1:10		Drawn: PCL 12-5-2017 Sheet: 1/1 Release: PCL 12-5-2017 Revision: -
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges						

069.1502 - Zref

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Pos. 7 was 90.734914+veerring, past niet	26-02-18	TS

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14	1	90.6885149120	Inlegspie 14x9x120				
13	2	90.933816	Tapbout M8x16				
12	2	90.9331225	Tapbout M12x25				
11	1	90.9331640	Tapbout M16x40				
10	4	90.9311450	Zeskantbout M14x50				
9	2	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
8	2	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
7	4	90.NL14SPGEL	Borgring Nordlock Gel. P/p M14	grote buitendiameter			
6	1	15.15301	Slingerschijf 150x6	Rubber			
5	1	15.15260	Afdekplaat Waaier				
4	1	15.15240	Schijf Ø58x10 - Ø17				
3	1	069.1502.08	Waaieras voorgemonteerd S4	1540 omw/min			
2	1	069.1501.07	Beschermkap waaieras				
1	1	069.1500.01	Waaier S4	(niet opgelast)			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Waaieras compleet S4
 1540 omw/min

Remarks	-	PGM	-
Qty per Machine	1	Scale	1:10
Weight	529.64 kg	Release	TS 26-2-2018

TRILO

069.1502

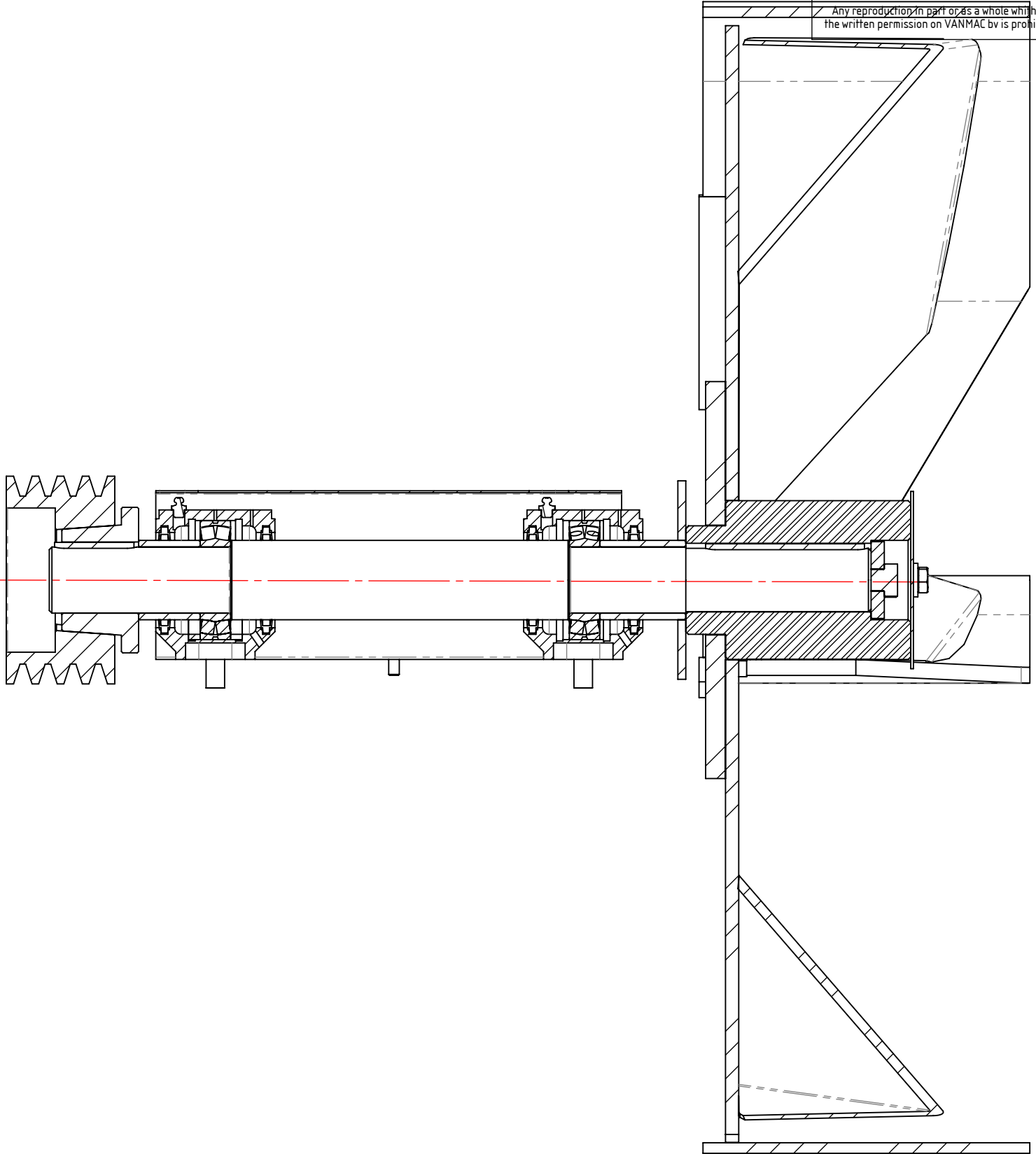
Drawn	TS 21-12-2017	Sheet	1/2
Revision	A	Revision	A

069.1502 - ZRef


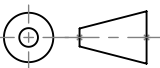
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E-E (1 : 4)

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Waaieras compleet S4 1540 omw/min				
					069.1502	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks - Qty per Machine 1 Weight 529.64 kg	PGM - Scale 1:10	Drawn TS 21-12-2017 Release TS 26-2-2018	Sheet 2/2 Revision A	

069.1506-Zref

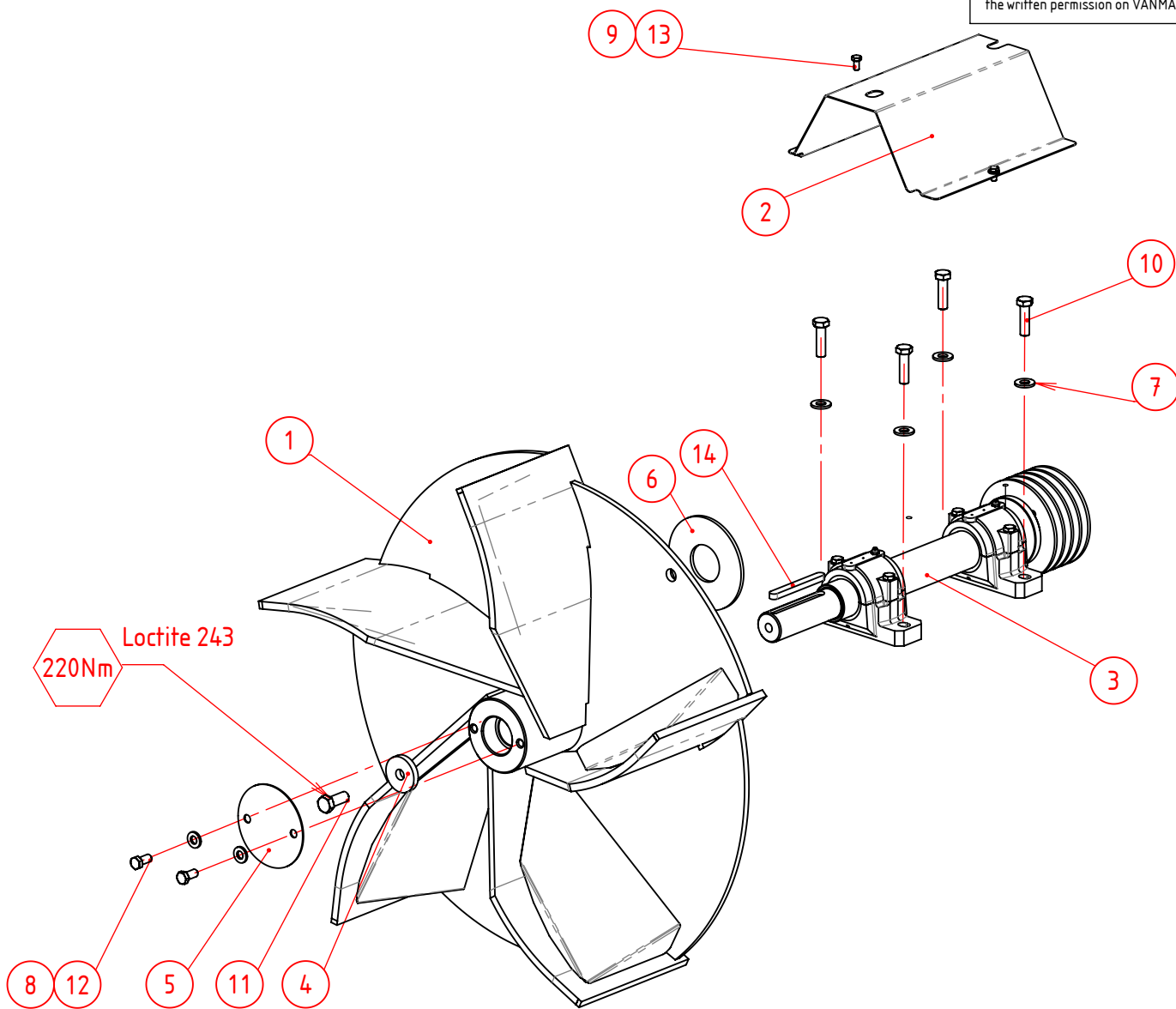
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Pos. 7 was 90.734914 met veerring, past niet	26-02-18	TS

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14	1	90.6885149120	Inlegspie 14x9x120				
13	2	90.933816	Tapbout M8x16				
12	2	90.9331225	Tapbout M12x25				
11	1	90.9331640	Tapbout M16x40				
10	4	90.9311450	Zeskantbout M14x50				
9	2	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
8	2	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
7	4	90.NL14SPGEL	Borgring Nordlock Gel. P/p M14	grote buitendiameter			
6	1	15.15301	Slingerschijf 150x6	Rubber			
5	1	15.15260	Afdekplaat Waaier				
4	1	15.15240	Schijf Ø58x10 - Ø17				
3	1	069.1502.08	Waaieras voorgemonteerd S4	1540 omw/min			
2	1	069.1501.07	Beschermkap waaieras				
1	1	40.18015	Waaier Ø850-CW	SG400/700			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
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3824 MJ AMERSFOORT
the Netherlands

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Waaieras compleet S4
1540 omw/min

Remarks	-	PGM	-
Qty per Machine	1	Scale	1:10
Weight	573.27 kg		

069.1506

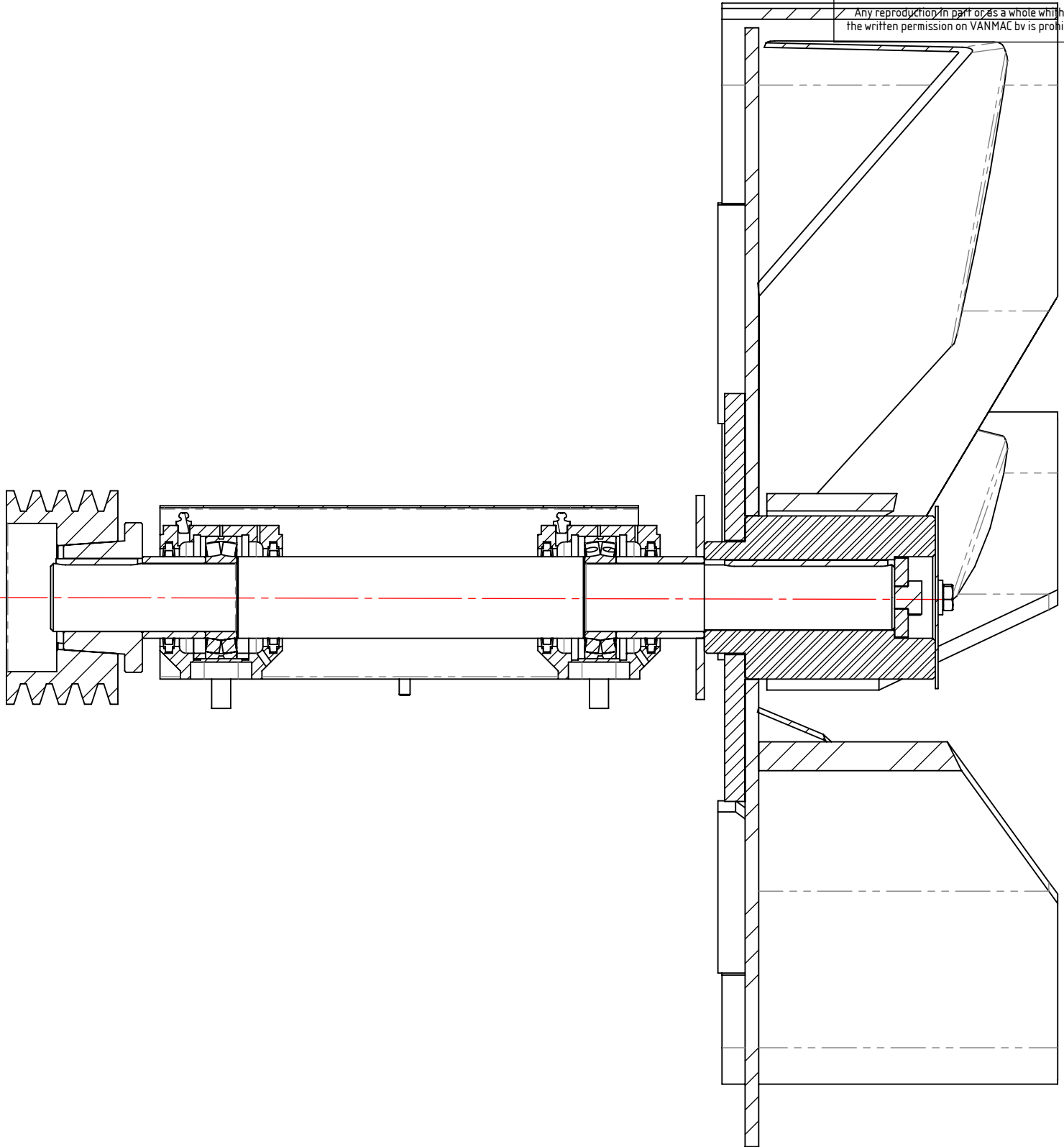
Drawn	PV	21-6-2016	Sheet	1/2
Release	TS	26-2-2018	Revision	A

069.1506-ZRef


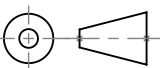
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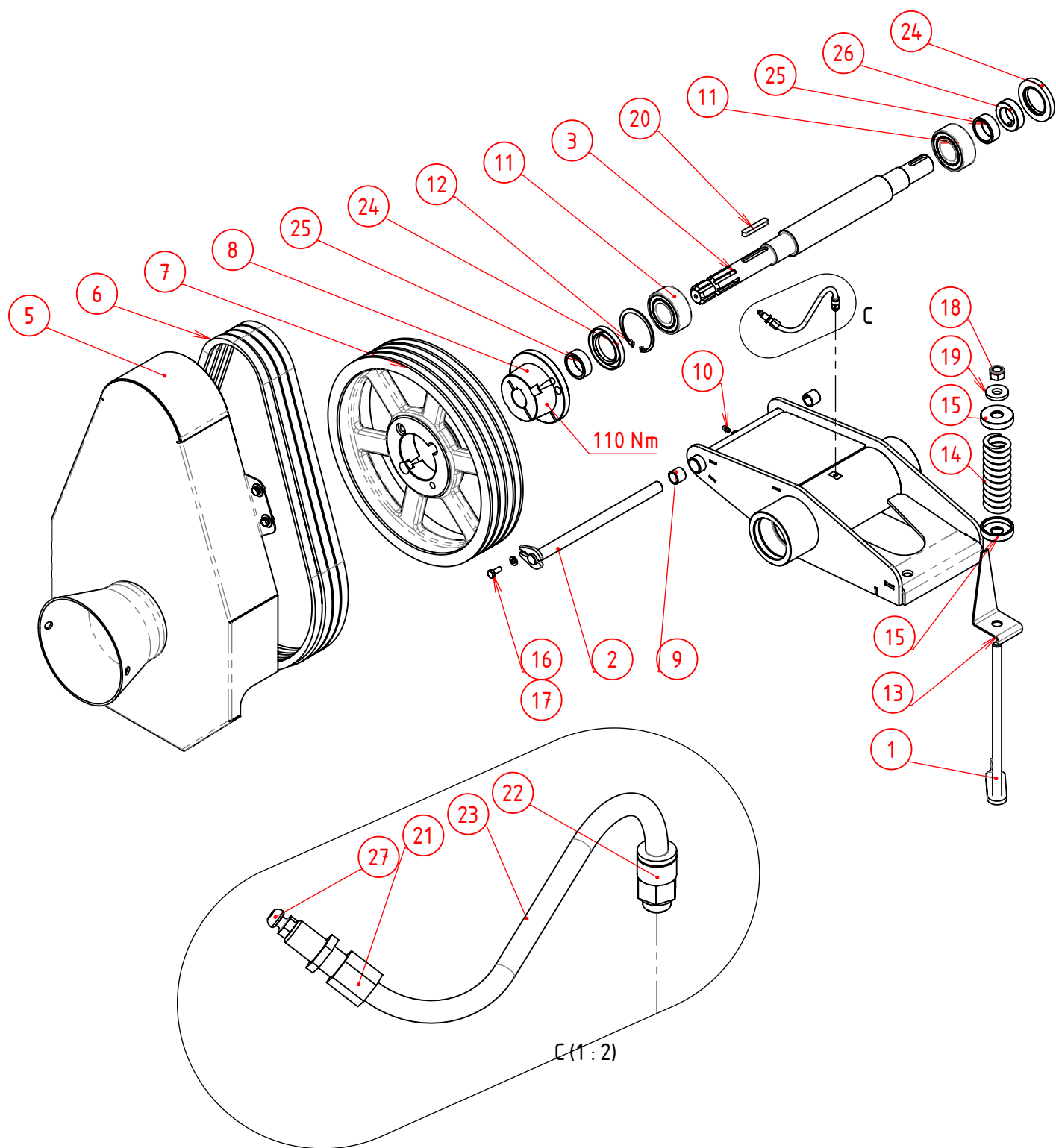


E-E (1 : 4)

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Waaieras compleet S4 1540 omw/min				
					069.1506	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	DO NOT SCALE DRAWING	Remarks -	PGM -	Drawn PV 21-6-2016	Sheet 2/2	
		Qty per Machine 1	Weight 573.27 kg	Scale 1:10	Release TS 26-2-2018 Revision A	

069.1603-ZRef

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Ingaande as 540 RPM			
	Remarks	-	PGM
Qty per Machine	Weight	1	400.05 kg
	Scale	1:10	



069.1603

Drawn	PV	6-4-2017	Sheet	1/3
Release	TS	24-11-2017	Revision	-


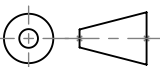
069.1603-Zref

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27	1	70.15720	Smeernippelhouder	GSS6L Vlakdraaien + Gat M6			
26	1	90.705A35	Stelring 35x56x16				
25	2	069.1604.05	Bus 50x5 l=18	Ingaande As			
24	2	KR.508010CC	Oliekeerring 50x80x10cc				
23	1	069.1603.15	Slang NST6 ZL= 600	PGL0 6-12 PGL0 6-12			
22	1	KR.GES6LR18	Rechte Inschroefkoppeling BSP				
21	1	KR.GN61180	Vetnippel M6 180°				
20	1	90.688510860	Inlegsple 10x8x60				
19	1	90.734916	Sluitring Zwaar M16 Verz.	DIN 7349			
18	1	90.98516	Zelfborgende Moer M16				
17	1	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
16	1	90.933820	Tapbout M8x20				
15	2	JD.EPC032310	Disk				
14	1	FA.VF06215456	Drukveer				
13	1	70.16040	Spanningsmarkeur				
12	1	90.47280	Seegerring Huis 80				
11	2	KR.3208BTVH	2-nijig Hoekcontactlager				
10	1	KR.GN61180	Vetnippel M6 180°				
9	2	90.1498202420	Inspanbus 20x24x20				
8	1	90.SX754035	Klembus Serax 7540-Ø35	N+R			
7	1	90.SX400B4	V-snaarschijf 400B-4	SERAX 7540			
6	4	KR.XPB1700	V-snaar XPB1700				
5	1	069.1711	beschermkap voorzijde				
4	1	069.1603.05	Spanhuis S4	LSM			
3	1	069.1602.03	Aandrijfias Ø50mm 1 3/8 L = 580	S4 mechanisch ingaand			
2	1	069.1601.11	As Ø20 L=309+11 Met Borgplaat	Spantafel			
1	1	069.1601.07	Spanbout M16				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

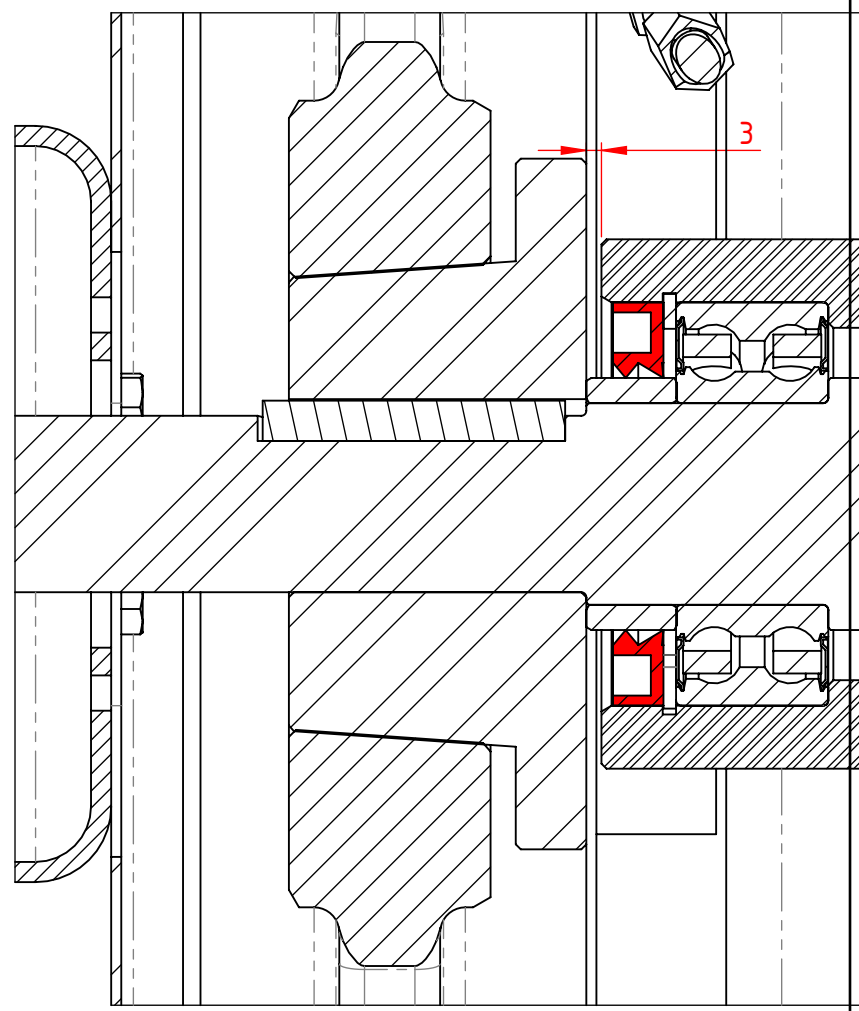
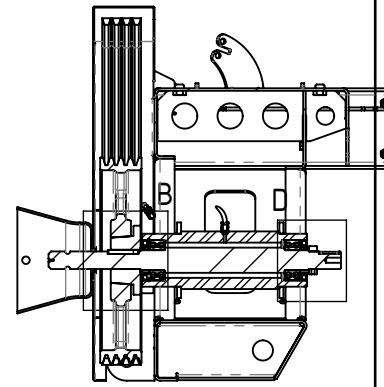
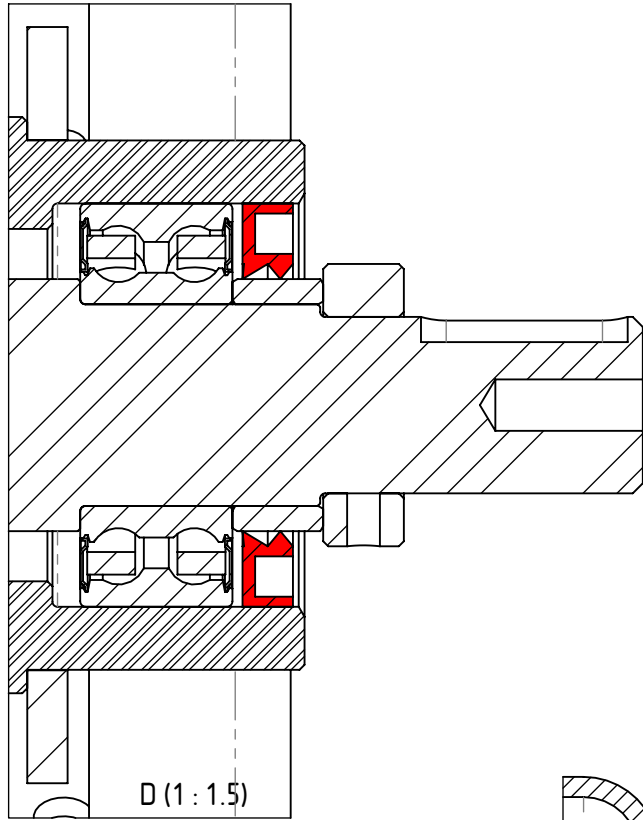
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Ingaande as 540 RPM					
					Remarks - Qty per Machine	Weight kg	PGM - Scale 1:5

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

069.1603-ZRef

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B (1 : 1.5)

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges


Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

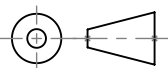
DO NOT SCALE DRAWING

Ingaande as 540 RPM			
	Remarks	-	PGM
	Qty per Machine	1	Scale
	Weight	400.05 kg	1:5



069.1603

Drawn	PV	6-4-2017	Sheet	3/3
Release		TS 24-11-2017	Revision	-

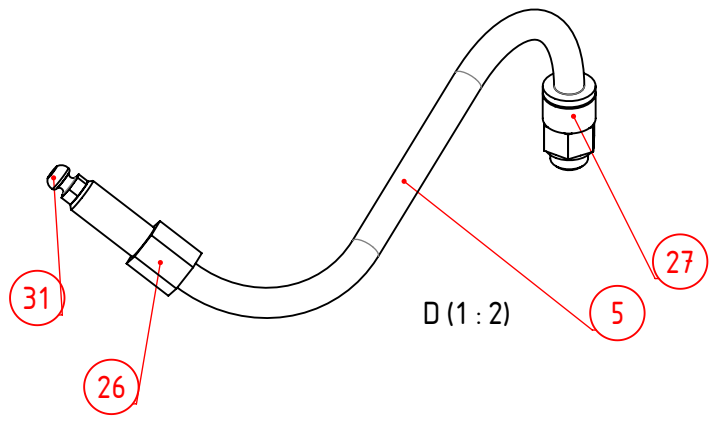
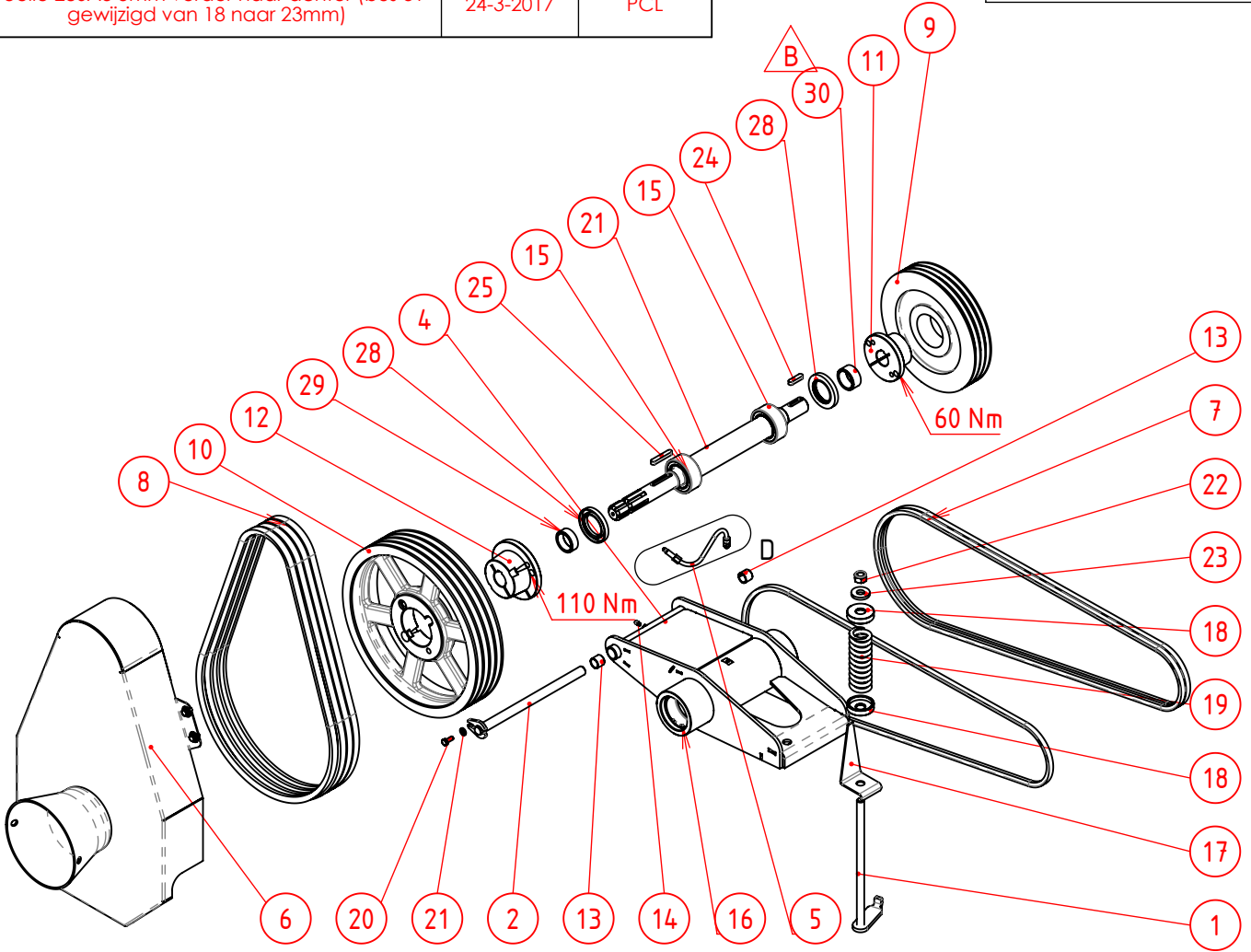


069.1604 - ZRef

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	gewijzigd van 236B2 naar 280A3	3-3-2017	PCL
B	poelie 280A3 5mm verder naar achter (bus 31 gewijzigd van 18 naar 23mm)	24-3-2017	PCL

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

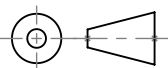
DO NOT SCALE DRAWING

Ingaande as 540 RPM	
icm nevenaandrijving	
Remarks	-
Qty per Machine	1
Weight	86.67 kg
PGM	-
Scale	1:15



069.1604

Drawn	PV 23-6-2016	Sheet	1/3
Release	TS 24-11-2017	Revision	B

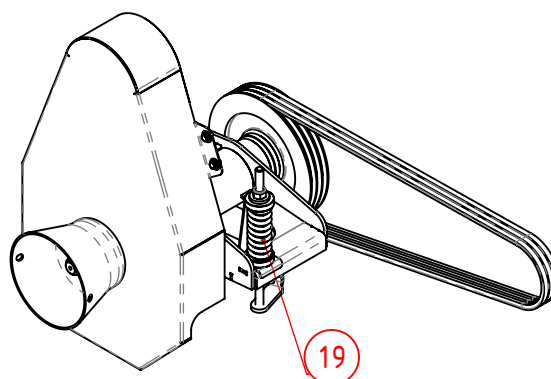


069.1604-ZRef


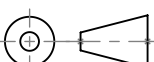
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31	1	70.15720	Smeernippelhouder	GSS6L Vlakdraaien + Gat M6			
30	1	069.1604.06	Bus 50x5 l=23	Ingaande As			
29	1	069.1604.05	Bus 50x5 l=18	Ingaande As			
28	2	KR.508010CC	Oliekeerring 50x80x10cc				
27	2	KR.GES6LR18	Rechte Inschroefkoppeling BSP				
26	1	KR.GN61180	Vetnippel M6 180°				
25	1	90.688510860	Inlegspie 10x8x60				
24	1	90.688510840	Inlegspie 10x8x40				
23	1	90.734916	Sluitring Zwaar M16 Verz.	DIN 7349			
22	1	90.98516	Zelfborgende Moer M16				
21	1	90.9021A8	Carr.Ring M8				
20	1	90.933820	Tapbout M8x20				
19	1	FA.VF06215456	Drukveer				
18	2	JD.EPC032310	Disk				
17	1	70.16040	Spanningsmarkeur				
16	1	90.47280	Seegerring Huis 80				
15	2	KR.3208BTVH	2-rijig Hoekcontactlager				
14	1	KR.GN61180	Vetnippel M6 180°				
13	2	90.1498202420	Inspanbus 20x24x20				
12	1	90.SX754035	Klembus Serax 7540-Ø35	N+R			
11	1	90.SX603535	Klembus Serax 6035-Ø35	N			
10	1	90.SX400B4	V-snaarschijf 400B-4	SERAX 7540			
9	1	90.SX280A3	V-snaarschijf 280A-3	SERAX 6035			
8	4	KR.XPB1700	V-snaar XPB1700				
7	3	KR.XPA2120	V-snaar XPA2120				
6	1	069.1711	beschermkap voorzijde				
5	1	069.1603.15	Slang NST6 ZL= 600	PGLO 6-12 PGLO 6-12			
4	1	069.1603.05	Spanhuis S4	LSM			
3	1	069.1602.03	Aandrijfas Ø50mm 1 3/8 L = 580	S4 mechanisch ingaand			
2	1	069.1601.11	As Ø20 L=309+11 Met Borgplaat	Spantafel			
1	1	069.1601.07	Spanbout M16				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

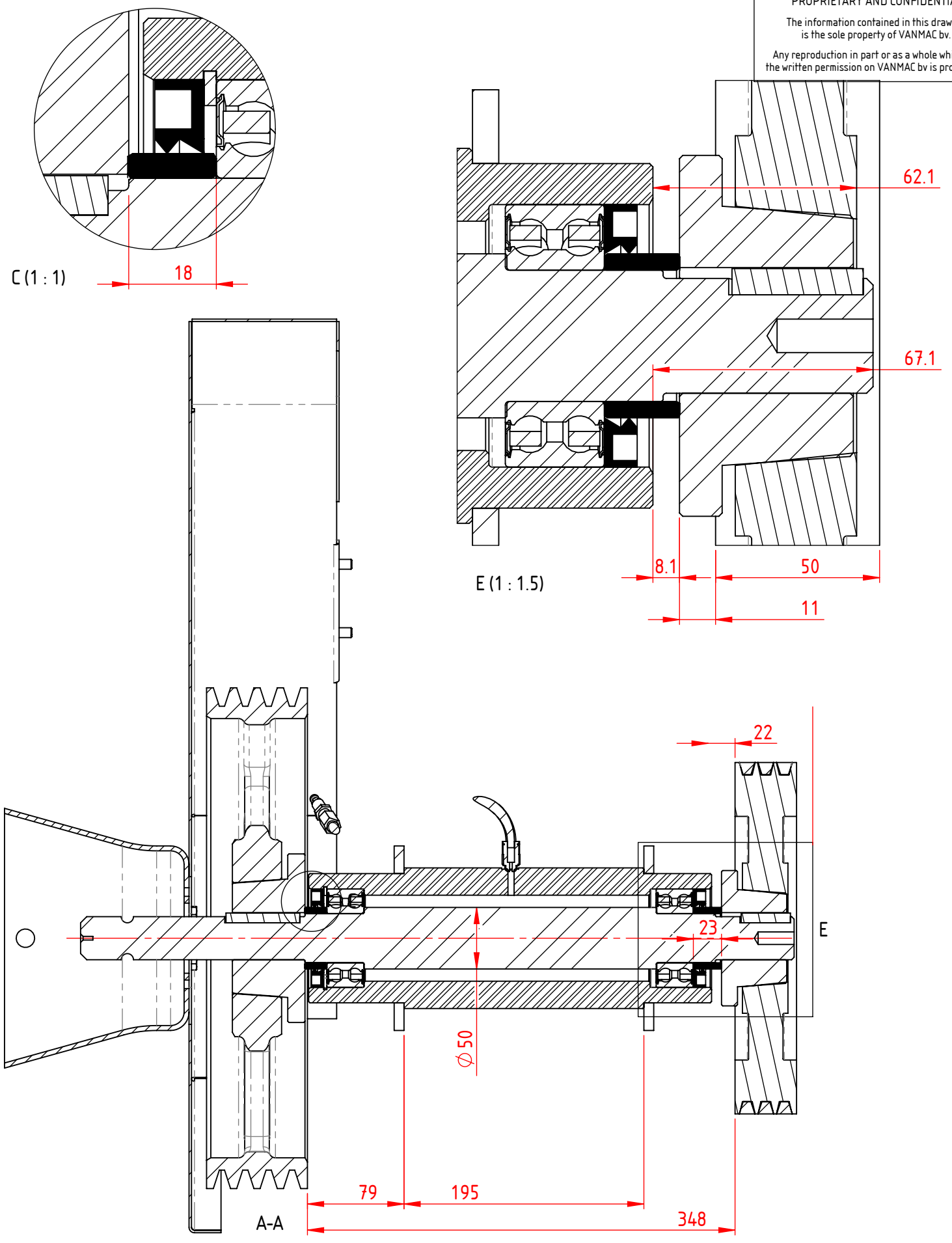
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Ingaande as 540 RPM icm nevenaandrijving				
					Remarks - Qty per Machine 1 Weight 86.67 kg	PGM - Scale 1:4

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

069.1604-ZRev

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Ingaande as 540 RPM
 icm nevenaandrijving

Remarks	-	PGM	-
Qty per Machine	1	Scale	1:4
Weight	86.67 kg		

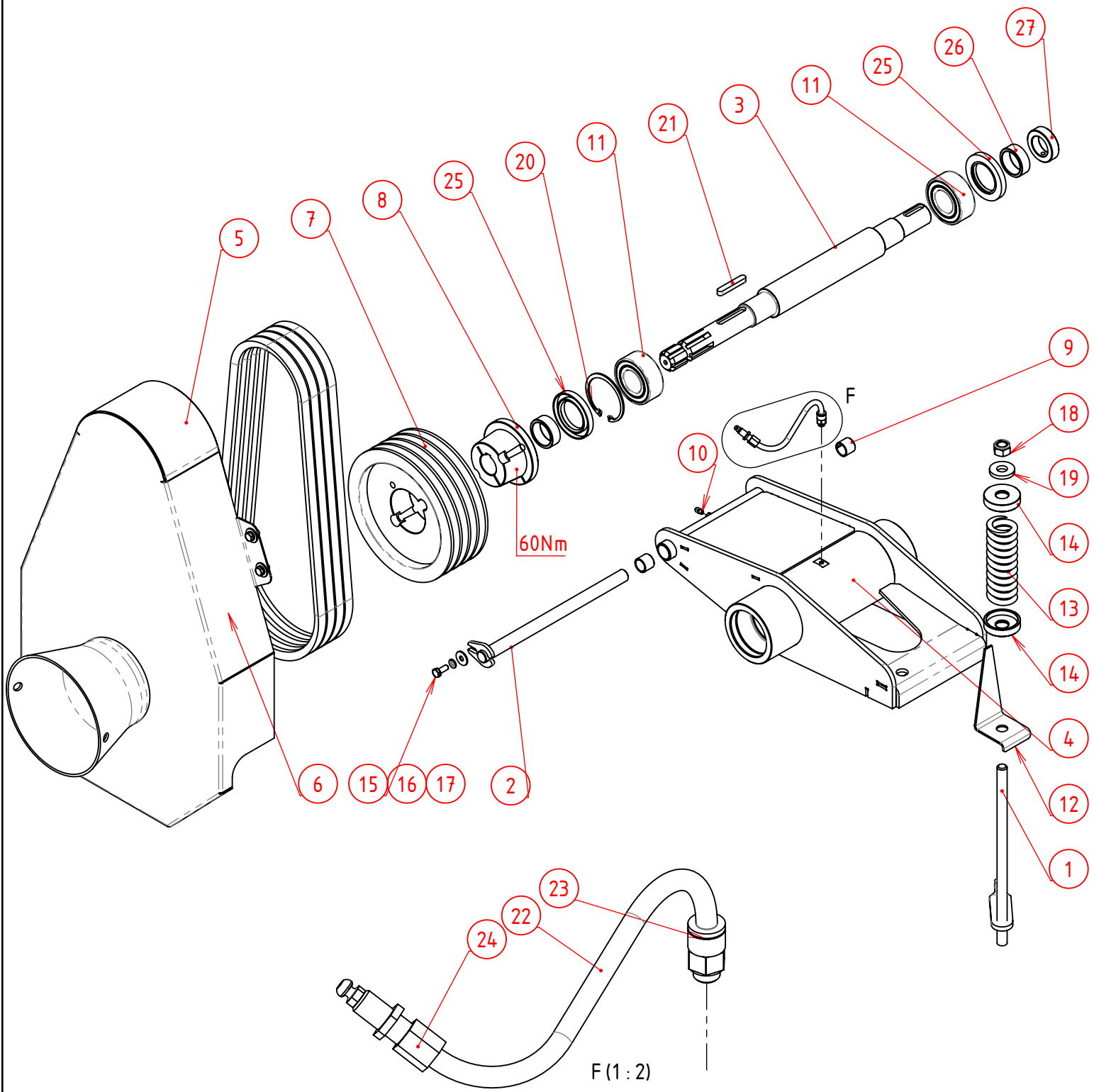
TRILO

069.1604

Drawn	PV	23-6-2016	Sheet	3/3
Release		TS 24-11-2017	Revision	B

069.1605 - Zref

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 the Netherlands

Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

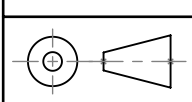
Ingaande as 1000 RPM



069.1605

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



Remarks	-
Qty per Machine	1
Weight	58.22 kg

PGM	-
Scale	1:8.5

Drawn	STAGE	13-12-2016	Sheet	1/3
Release	PV	6-4-2017	Revision	-

069.1605 - ZReel

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27	1	90.705A35	Stelring 35x56x16				
26	2	069.1604.05	Bus 50x5 l=18	Ingaande As			
25	2	KR.508010CC	Oliekeerring 50x80x10cc				
24	1	069.1603.15	Slang NST6 ZL= 600	PGL0 6-12 PGL0 6-12			
23	1	KR.27008010	Rechte Koppeling G1/8	Perma Smeersysteem			
22	1	KR.3700BHVA	Vetnippel met schotkoppeling	180° - 1/8 Wartel			
21	1	90.688510860	Inlegspie 10x8x60				
20	1	90.47280	Seegerring Huis 80				
19	1	90.734916	Sluitring Zwaar M16 Verz.	DIN 7349			
18	1	90.98516	Zelfborgende Moer M16				
17	1	90.127B8	Veerring M8				
16	1	90.9021A8	Carr.Ring M8				
15	1	90.933820	Tapbout M8x20				
14	2	JD.EPC032310	Disk				
13	1	FA.VF06215456	Drukveer				
12	1	70.16040	Spanningsmarkeur				
11	2	KR.3208BTVH	2-nijig Hoekcontactlager				
10	1	KR.GN61180	Vetnippel M6 180°				
9	2	90.1498202420	Inspanbus 20x24x20				
8	1	90.SX654335	Klembus Serax 6543-Ø35	N			
7	1	90.SX224B4	V-snaarschijf 224B-4	SERAX 6543			
6	4	90.XPB1400	V-snaar XPB 1400				
5	1	069.1711	beschermkap voorzijde				
4	1	069.1603.05	Spanhuis S4	LSM			
3	1	069.1602.03	Aandrijfas Ø50mm 1 3/8 L = 580	S4 mechanisch ingaand			
2	1	069.1601.11	As Ø20 L=309+11 Met Borgplaat	Spantafel			
1	1	069.1601.07	Spanbout M16				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

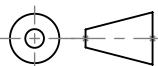
Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Ingaande as 1000 RPM



Remarks

-

Qty per Machine

Weight

PGM

Scale

Drawn

STAGE

13-12-2016

Release

PV 6-4-2017

Sheet

2/3

Revision

-

069.1605

TRILO

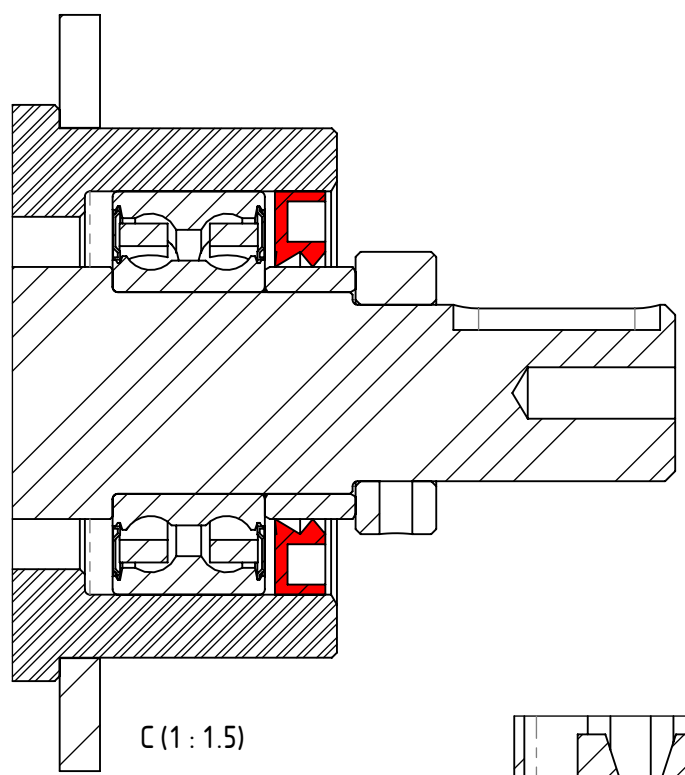


Remove welding spatter
Sheet metal unscratched

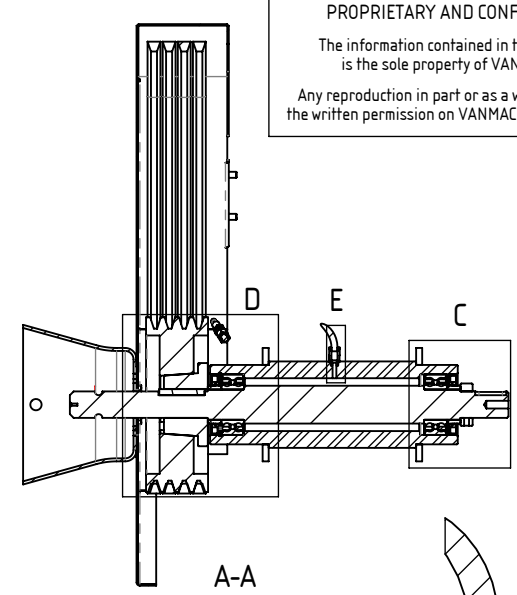
Debur / Break sharp edges

069.1605 - ZRef

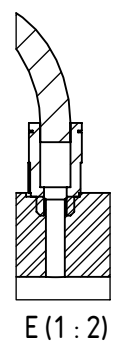
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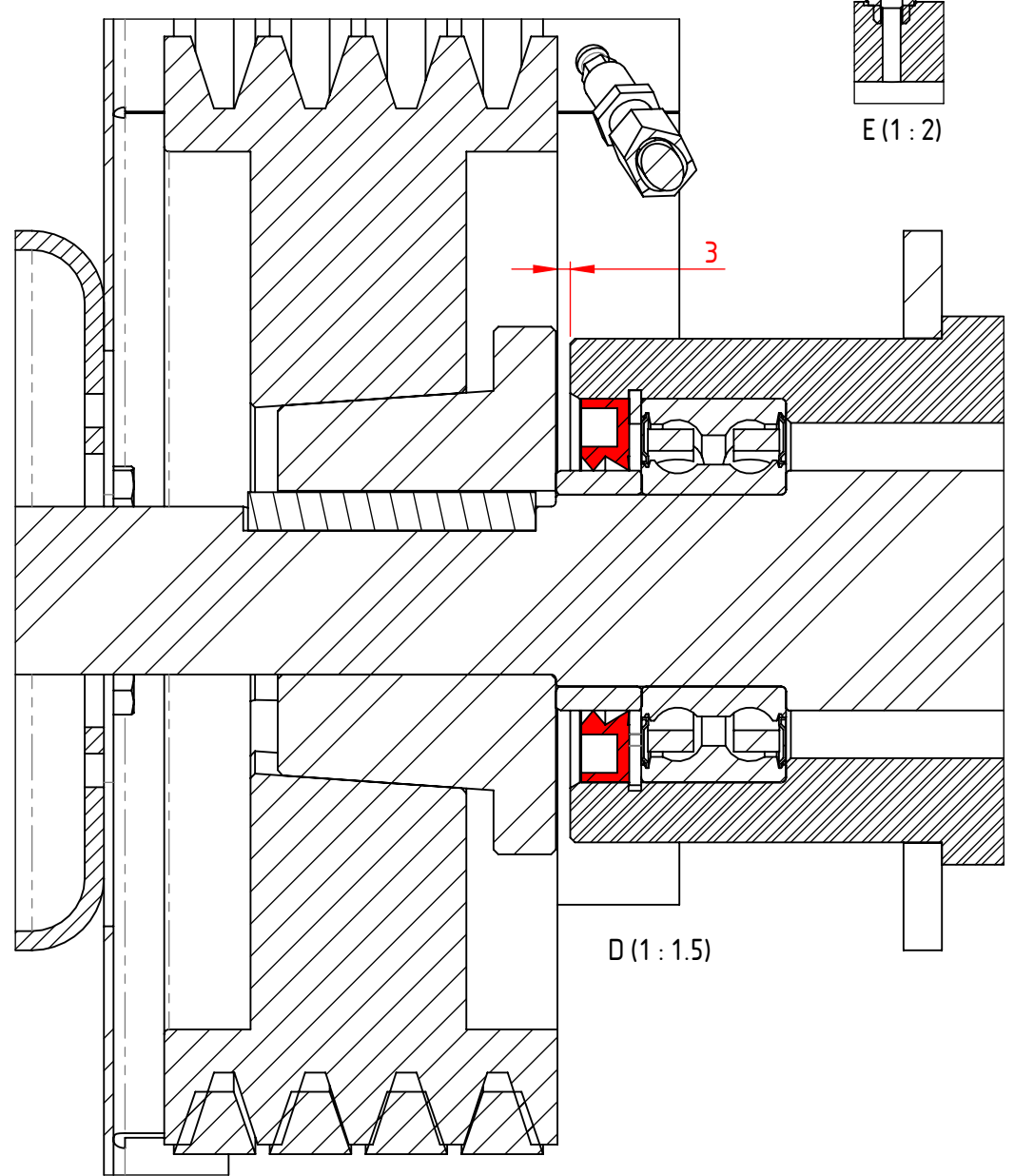
C (1 : 1.5)



A-A



E (1 : 2)



D (1 : 1.5)

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Ingaande as 1000 RPM				
		Remarks -		PGM -	Drawn STAGE 13-12-2016	Sheet 3/3
Remove welding spatter Sheet metal unscratched Deburr / Break sharp edges	DO NOT SCALE DRAWING		Qty per Machine 1	Weight 58.22 kg	Scale 1:10	Release PV 6-4-2017 Revision -

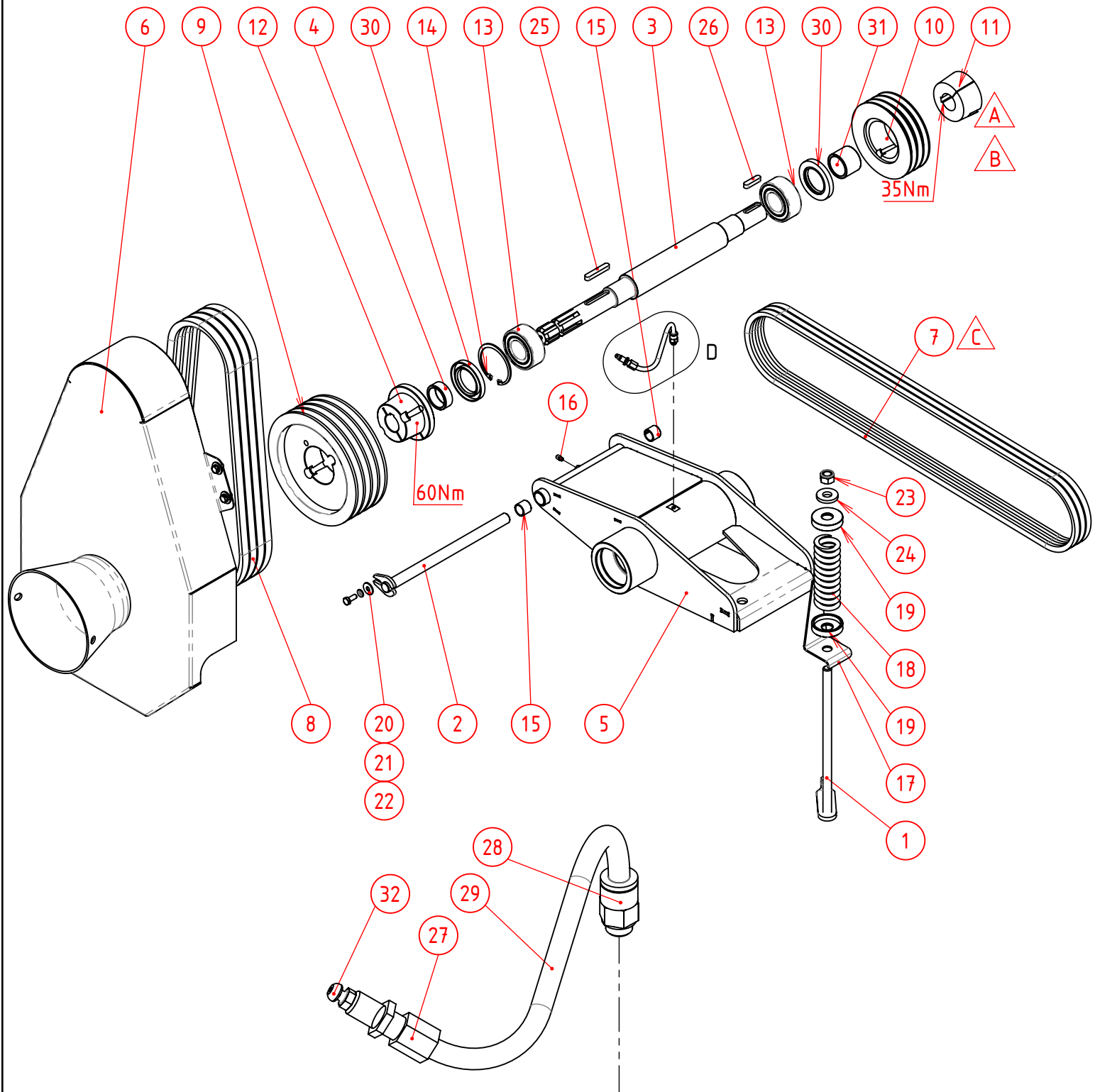
069.1606-ZRev

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Snaarschijf 132B2 gewijzigd in 150A3	3-3-2017	PCL
B	serax gewijzigd in taperlock	6-6-2017	pcl
C	Correctie v-snaar lengte pos.7 van 1800 naar 1900	16-05-18	TS

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Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Ingaande as 1000 RPM

icm nevenaandrijving

Remarks	-	PGM	-
Qty per Machine	1	Weight	63.14 kg
		Scale	1:10


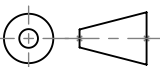
TRILO	
069.1606	
Drawn STAGE	13-12-2016
Release	TS 16-5-2018
Sheet	1/3
Revision	C

069.1606-ZRef

PROPRIETARY AND CONFIDENTIAL

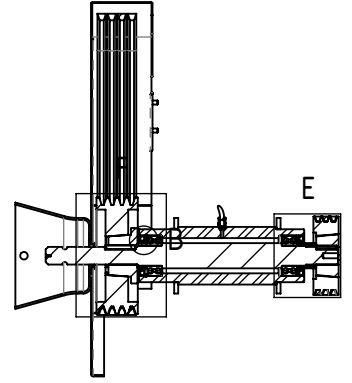
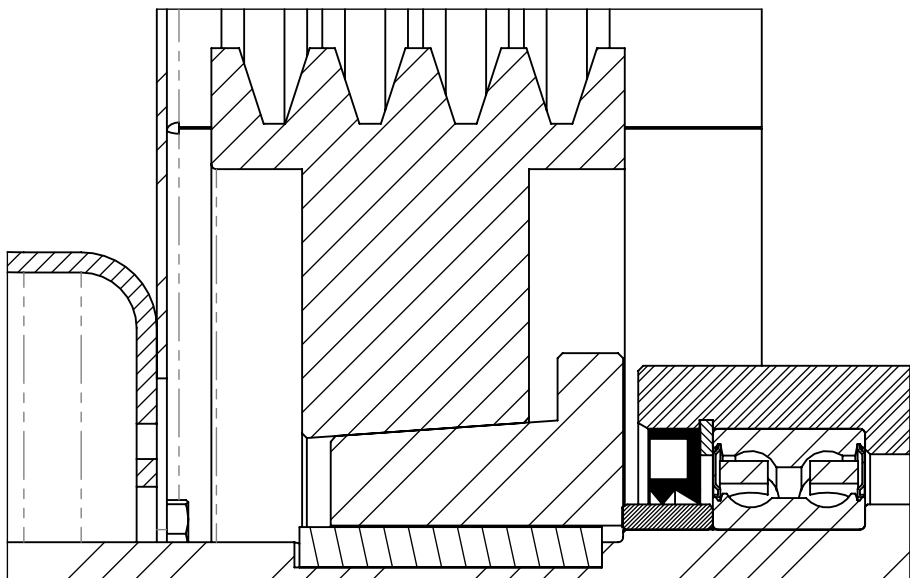
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32	1	KR.GN61180	Vetnippel M6 180°				
31	1	069.1606.05	Bus 50x5 L=38	S4 ingaande as 1000 rpm			
30	2	KR.508010CC	Oliekeerring 50x80x10cc				
29	1	069.1603.15	Slang NST6 ZL= 600	PGL0 6-12 PGL0 6-12			
28	1	KR.GES6LR18	Rechte Inschroefkoppeling BSP				
27	1	70.15720	Smeernippelhouder	GSS6L Vlakdraaien + Gat M6			
26	1	90.688510840	Inlegspie 10x8x40				
25	1	90.688510860	Inlegspie 10x8x60				
24	1	90.734916	Sluitring Zwaar M16 Verz.	DIN 7349			
23	1	90.98516	Zelfborgende Moer M16				
22	1	90.127B8	Veerring M8				
21	1	90.933820	Tapbout M8x20				
20	1	90.9021A8	Carr.Ring M8				
19	2	JD.EPC032310	Disk				
18	1	FA.VF06215456	Drukveer				
17	1	70.16040	Spanningsmarkeur				
16	1	KR.GN61180	Vetnippel M6 180°				
15	2	90.1498202420	Inspanbus 20x24x20				
14	1	90.47280	Seegerring Huis 80				
13	2	KR.3208BTVH	2-rijig Hoekcontactlager				
12	1	90.SX654335	Klembus Serax 6543-Ø35	N			
11	1	KR.251735TL	Klembus TP 2517-Ø35				
10	1	KR.150A3TL	V-snaarschijf 150A-3 TL	Taperlock 2517			
9	1	90.SX224B4	V-snaarschijf 224B-4	SERAX 6543			
8	4	90.XPB1400	V-snaar XPB 1400				
7	3	KR.XPA1900	V-snaar XPA 1900				
6	1	069.1711	beschermkap voorzijde				
5	1	069.1603.05	Spanhuis S4	LSM			
4	1	069.1604.05	Bus 50x5 l=18	Ingaande As			
3	1	069.1602.03	Aandrijfas Ø50mm 1 3/8 L = 580	S4 mechanisch ingaand			
2	1	069.1601.11	As Ø20 L=309+11 Met Borgplaat	Spantafel			
1	1	069.1601.07	Spanbout M16				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

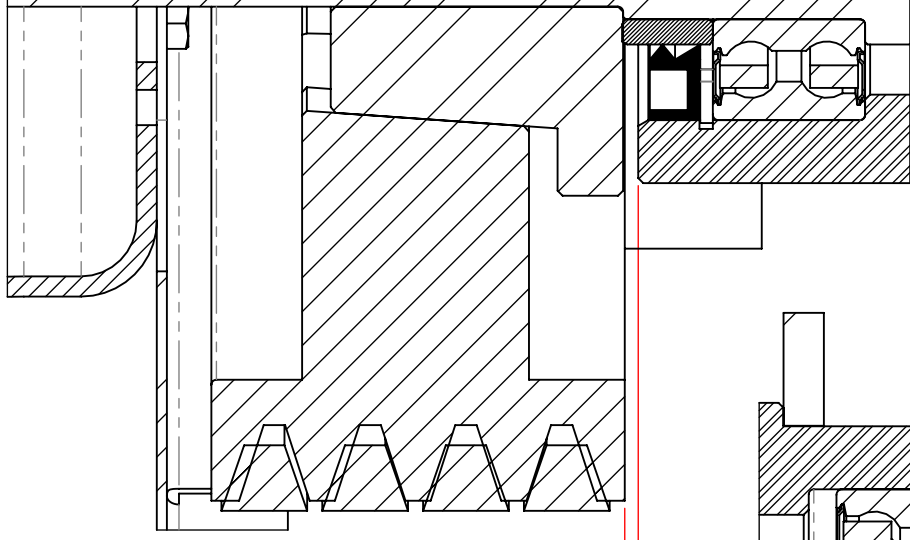
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Ingaande as 1000 RPM icm nevenaandrijving				
					069.1606	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks - Qty per Machine Weight kg	PGM - Scale 1:10	Drawn STAGE 13-12-2016 Release TS 16-5-2018	Sheet 2/3 Revision C	

069.1606-ZRef

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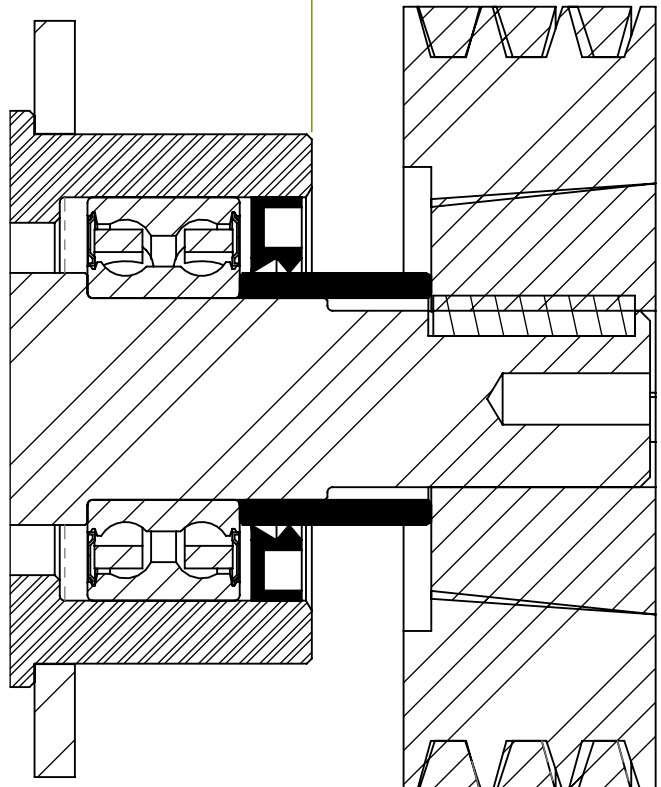
A-A (1 : 15)



F (1 : 1.5)

3

19



E (1 : 1.5)

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

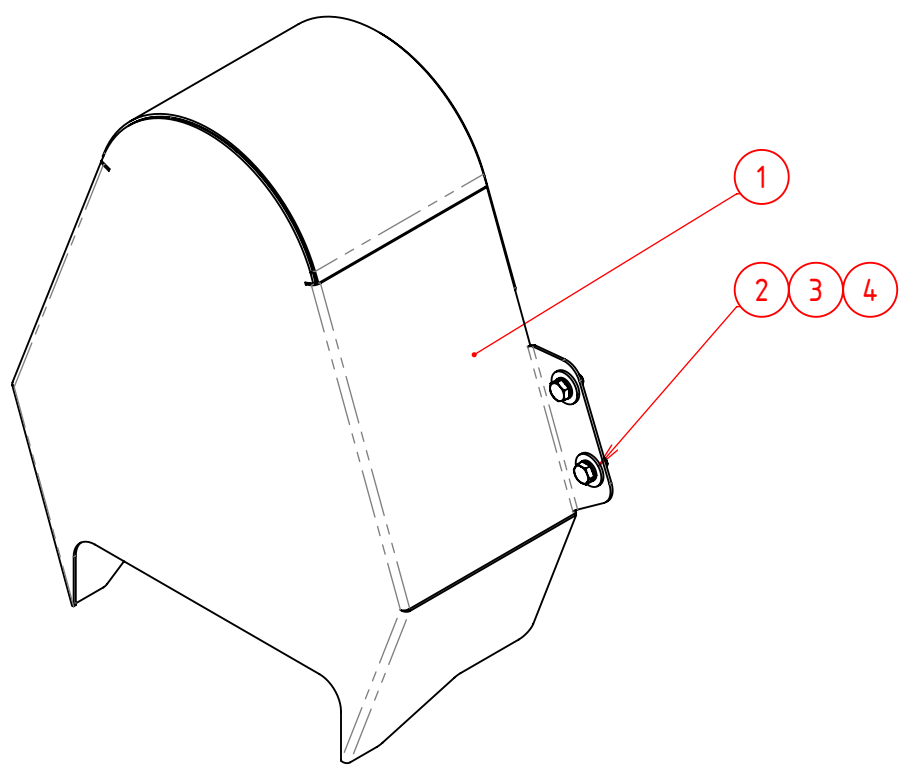
Ingaande as 1000 RPM					
icm nevenaandrijving					
Remarks	-	PGM	-	Drawn	STAGE 13-12-2016
Qty per Machine	1	Weight	63.14 kg	Scale	1:3.5
		Release	TS 16-5-2018	Sheet	3/3
				Revision	C




069.1606

069.1610.20-ZRef

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4	4	90.127B8	Veerring M8				
3	4	90.933816	Tapbout M8x16				
2	4	90.9021A8	Carr.Ring M8				
1	1	069.1610.21	Beschermkap voorkant	LSM			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

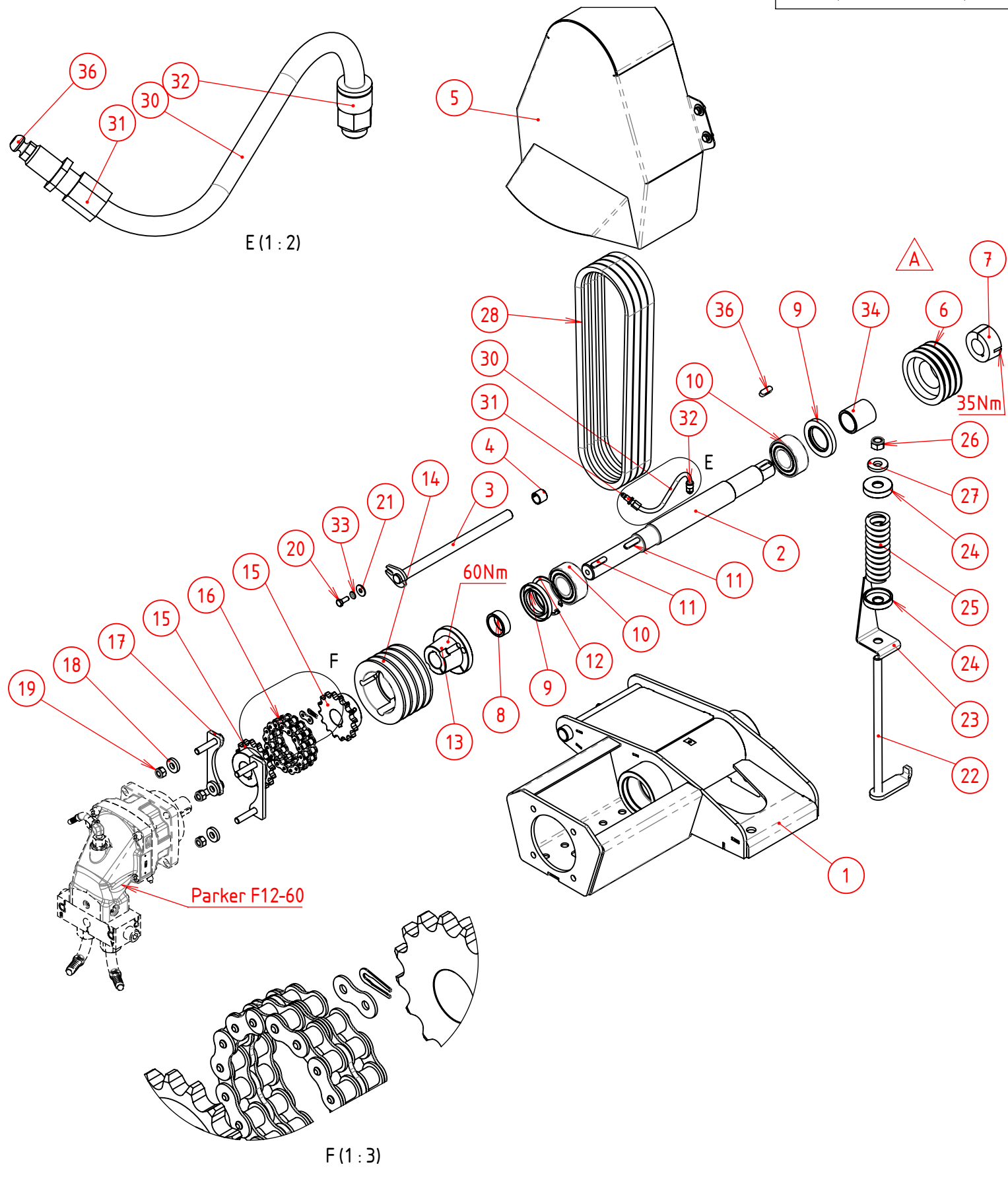
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Beschermkap voorkant Assy				
		Remarks Qty per Machine: 1 Weight: 4.43 kg			PGM: - Scale: 1:5	Drawn: STAGE 12-12-2016 Release: STAG 12-12-2016
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges						

069.1610-Z-Rev

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	A3 Poelie 5mm naar achter verplaatst	29-3-2017	PCL

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 Sheet-Metal Bending:
 ISO 2768-cL

ingaande As hydr.
icm Nevenaandrijving

TRILO

069.1610

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING

	Remarks	-	PGM	-	Drawn	STAGE	12-12-2016	Sheet	1/4
	Qty per Machine	Weight	578.54 kg	Scale	1:10	Release	TS 8-8-2017	Revision	A

Drawn	STAGE	12-12-2016	Sheet	1/4
Release	TS	8-8-2017	Revision	A

36	1	70.15720	Smeernippelhouder	GSS6L Vlakdraaien + Gat M6			
35	1	90.688510830	Inlegspie 10x8x30				
34	1	069.1610.45	Bus 50x5 l=56	Ingaande As			
33	1	90.127B8	Veerring M8				
32	2	KR.GES6LR18	Rechte Inschroefkoppeling BSP				
31	1	KR.GN61180	Vetnippel M6 180°				
30	1	069.1603.15	Slang NST6 ZL= 600	PGL0 6-12 PGL0 6-12			
29	1	KR.GN61180	Vetnippel M6 180°				
28	4	90.XPB1250	V-snaar XPB 1250				
27	1	90.734916	Sluitring Zwaar M16 Verz.	DIN 7349			
26	1	90.98516	Zelfborgende Moer M16				
25	1	FA.VF06215456	Drukveer				
24	2	JD.EPC032310	Disk				
23	1	70.16040	Spanningsmarkeur				
22	1	069.1601.07	Spanbout M16				
21	1	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
20	1	90.933820	Tapbout M8x20				
19	4	90.98512	Zelfborgende Moer M12				
18	4	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
17	2	069.1610.51	Boutplaat Hydr.motor				
16.2	1	KR.VD34716	Sluitschakel 3/4"x7/16" Dup				
16.1	1	KR.KD34716	Rollenketting 3/4x7x/16 Duplex		300	15 schakels	
16	1	069.1610.40	Rollenketting Duplex 3/4x7/16	15 schakels			
15	2	KR.SE341635	Kettingwiel 0.75 Z=16	Ø35 Spie			
14	1	90.SX132B4	V-snaarschijf 132B-4	SERAX 5040			
13	1	90.SX504035	Klembus Serax 5040-Ø35	N			
12	1	90.47280	Seegerring Huis 80				
11	2	90.688510840	Inlegspie 10x8x40				
10	2	KR.3208BTVH	2-rijig Hoekcontactlager				
9	2	KR.508010CC	Oliekeerring 50x80x10cc				
8	1	069.1604.05	Bus 50x5 l=18	Ingaande As			
7	1	KR.201235TL	Klembus TP 2012-Ø35				
6	1	KR.112A3TL	V-snaarschijf 112A-3 TL	Taperlock 2012			
5	1	069.1610.20	Beschermkap voorkant	Assy			
4	2	90.1498202420	Inspanbus 20x24x20				
3	1	069.1601.11	As Ø20 L=309+11 Met Borgplaat	Spantafel			
2	1	069.1610.07	Aandrijfas Ø45 L=516	ingaande as hydraulische S4			
1	1	069.1610.01	Spanhuis	Hydr. S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Tolerances unless stated:
ISO 2768-mK

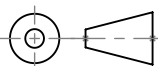
Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

ingaande As hydr.

icm Nevenaandrijving



Remarks

-

Qty per Machine

Weight

PGM

Scale

Drawn

STAGE

12-12-2016

Release

TS 8-8-2017

Sheet

2/4

Revision

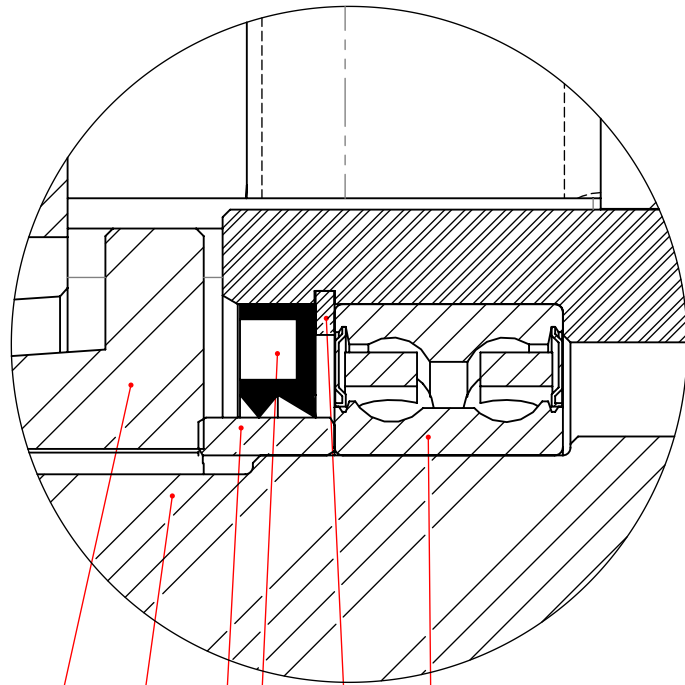
A



069.1610

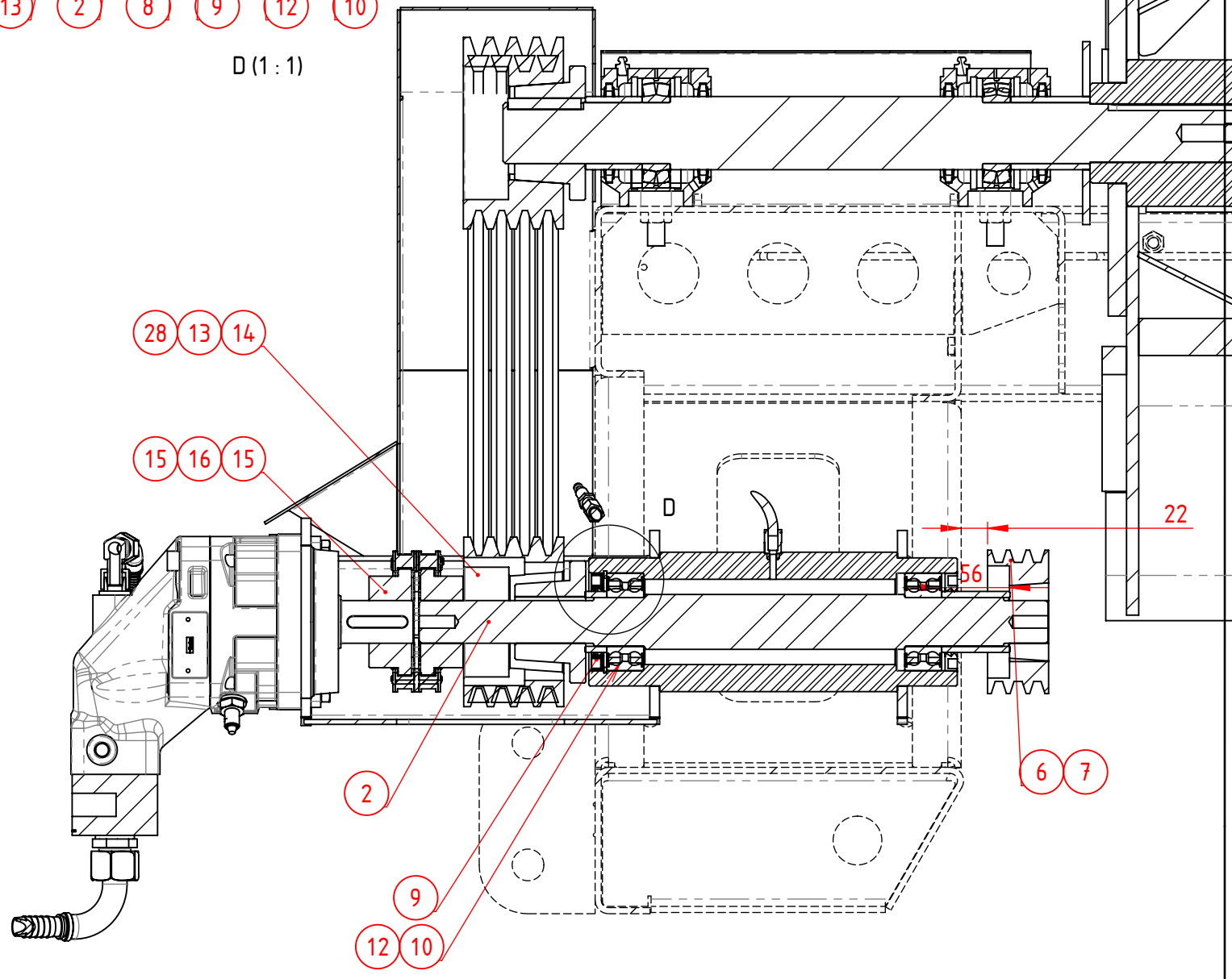
069.1610-ZRef

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13 2 8 9 12 10

D (1 : 1)



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Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

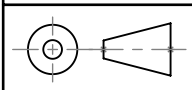
ingaande As hydr.
icm Nevenaandrijving



069.1610

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



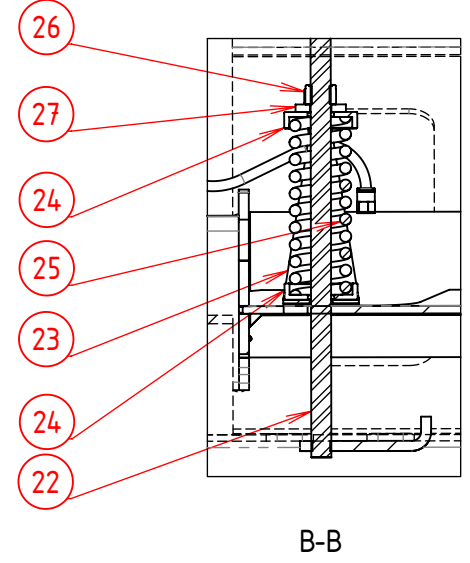
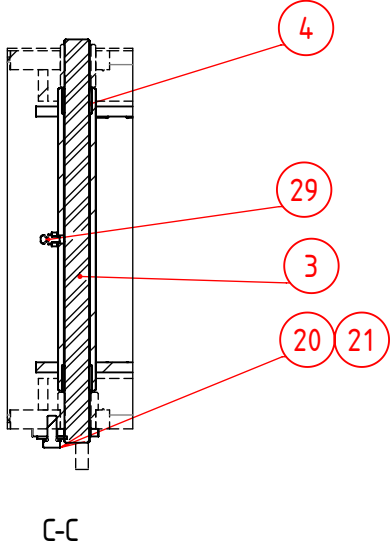
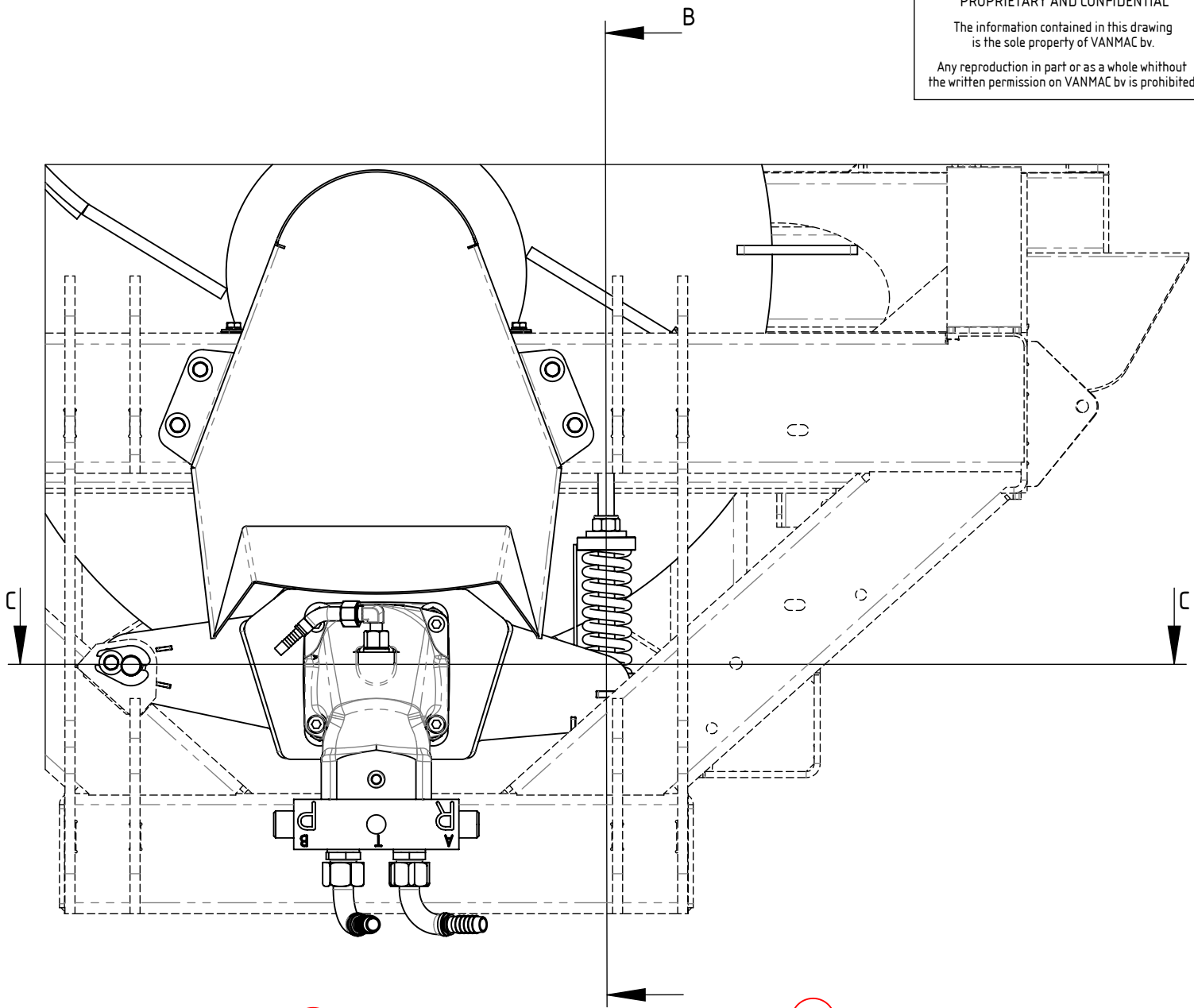
Remarks	-
Qty per Machine	Weight
	578.54 kg

PGM	-
Scale	1:5

Drawn	STAGE	12-12-2016	Sheet	3/4
Release	TS	8-8-2017	Revision	A

069.1610-ZRef

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges


Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

ingaande As hydr.					
icm Nevenaandrijving					
Remarks	-	PGM	-	Drawn	STAGE 12-12-2016
Qty per Machine		Weight	578.54 kg	Scale	1:6
				Release	TS 8-8-2017

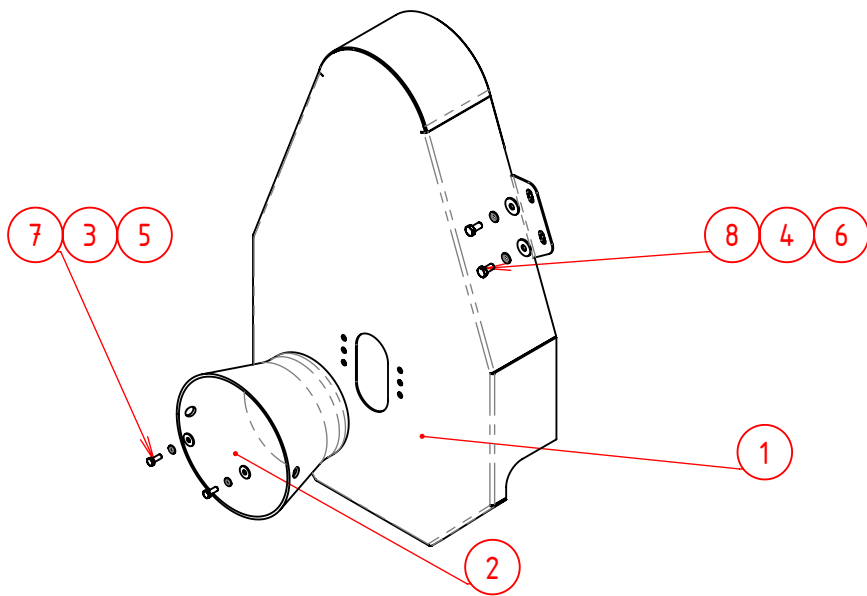


069.1610

Sheet	4/4
Revision	A

069.1711-2Rev

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8	4	90.933816	Tapbout M8x16				
7	2	90.933625	Tapbout M6x25				
6	4	90.9021A8	Carr.Ring M8				
5	2	90.9021A6	Carr.Ring M6	Ø18x1.6 Gat Ø6 200 in S-Bin			
4	4	90.127B8	Veerring M8				
3	2	90.127B6	Veerring M6				
2	1	KR.820900	Beschermkap 150L				
1	1	069.1711.03	beschermkap	lsm			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

beschermkap voorzijde

Remarks	PGM	-
Qty per Machine	Weight	Scale
1	9.61 kg	1:10

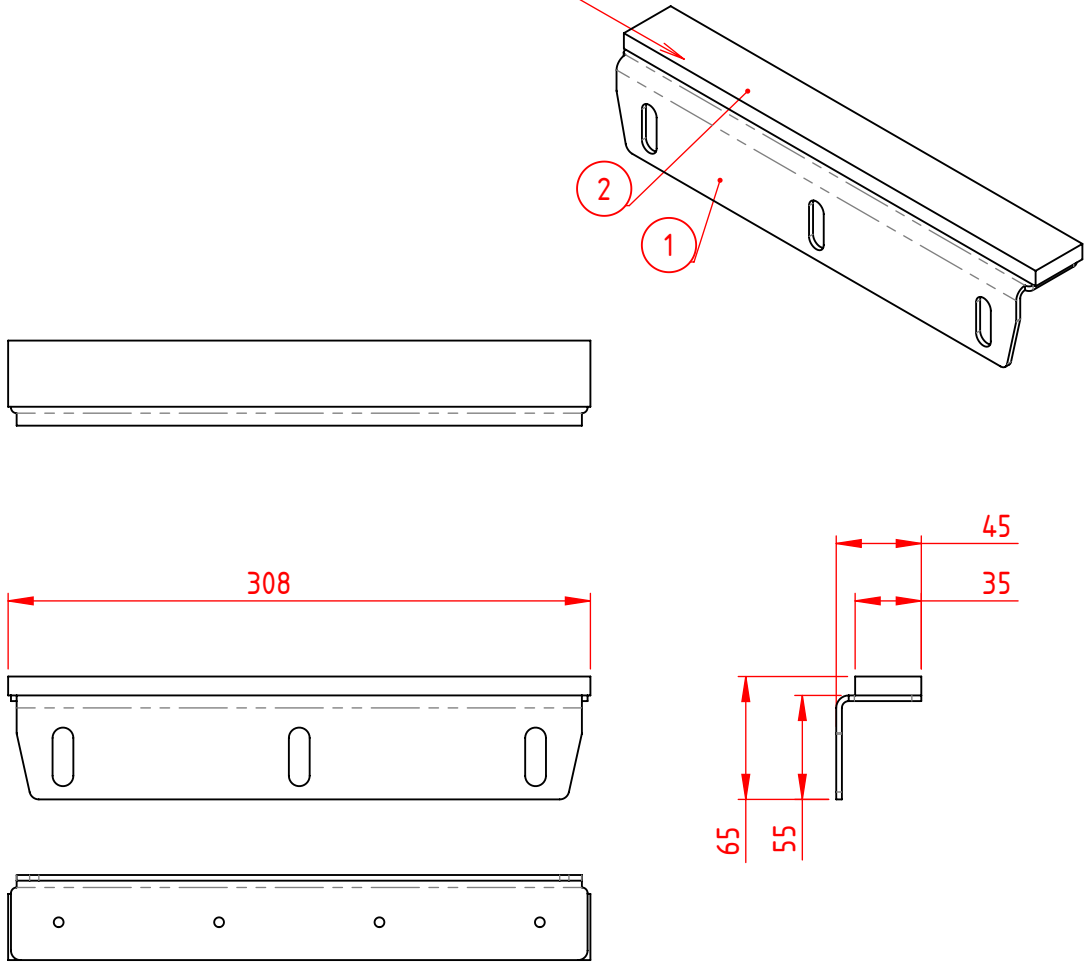
069.1711

Drawn	PV	24-2-2017	Sheet	1/1
Release	PV	24-2-2017	Revision	-

069.1801.05 - Zrcel

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Pos. 2 Glue using Loctite 648 or equivalent alternative 4x 40.18230 rivet 5x16

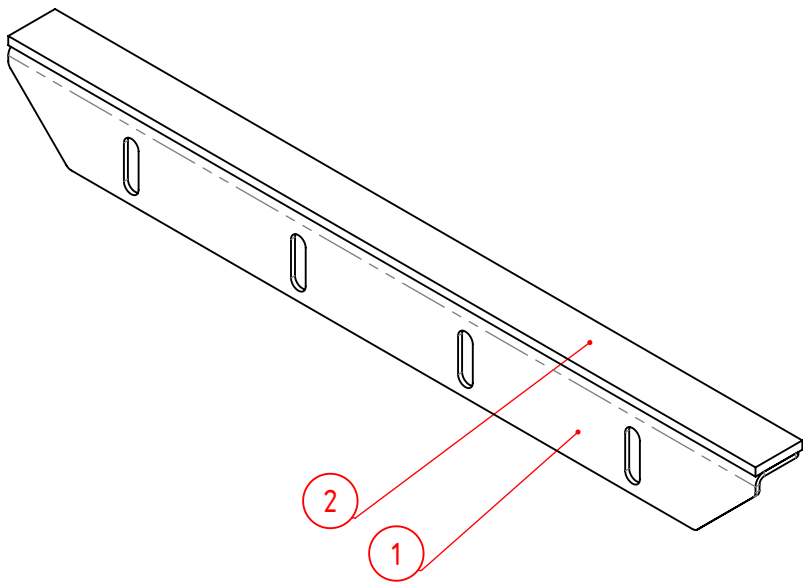


- Te lijmen oppervlakte ontvetten met remmenreiniger
 - Lijmen met Loctite 648

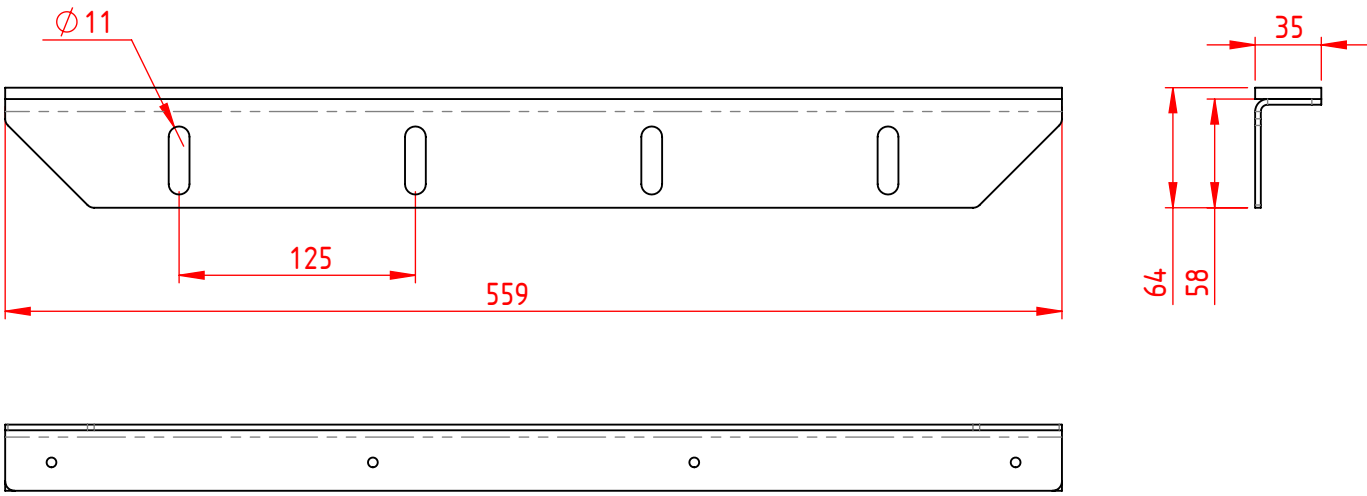
2	1	069.1801.04	SBR Rubber 35x6	L=298			
1	1	069.1801.35	Verstelbare afdichting L+R				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK	Verstelbare afdichting L+R					
	Sheet-Metal Bending: ISO 2768-cl						069.1801.05
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING		Remarks Qty per Machine	Weight 0.75 kg	PGM Scale 1:4	Drawn PV 14-12-2016 Release PCL 3-4-2017	Sheet 1/1 Revision -

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Pos. 2 Glue using Loctite 648 or equivalent alternative 4x 40.18230 rivet 5x16



- Te lijmen oppervlakte ontvetten met remmenreiniger
 - Lijmen met Loctite 648

Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
2	1	069.1801.30	SBR Rubber 35x6	L=559			
1	1	069.1801.36	Verstebare afdichting				

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Verstelbare hoekafdichting				
				Remarks Qty per Machine	Weight 1.18 kg	PGM Scale 1:4

069.1801-ZRef

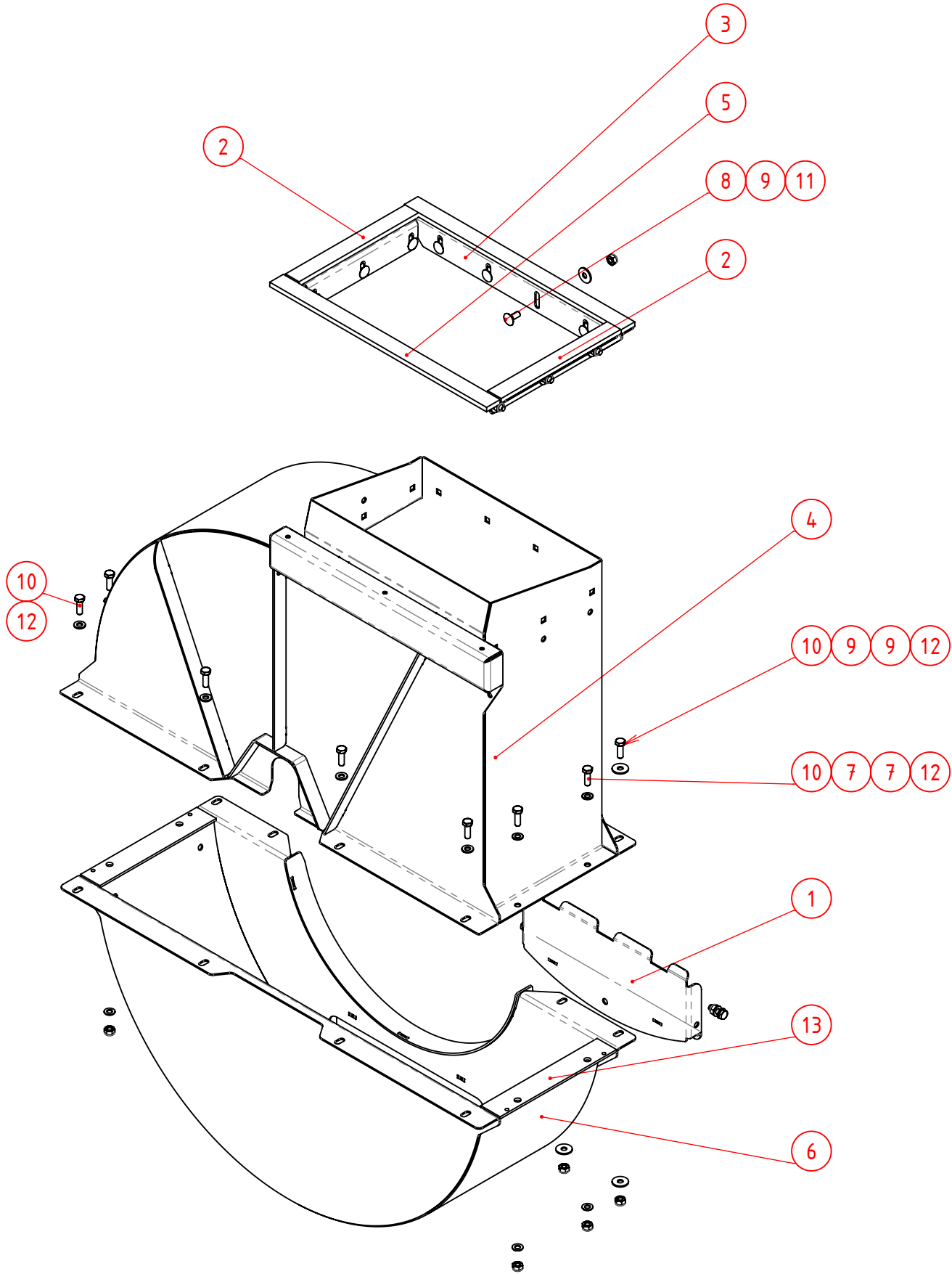
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Pos. 5 was 069.1801.19, nu rechtstreeks op pomphuis gelijmd	20-12-17	TS

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Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

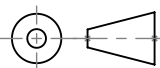
Pomphuis met inspectieluik



069.1801

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges



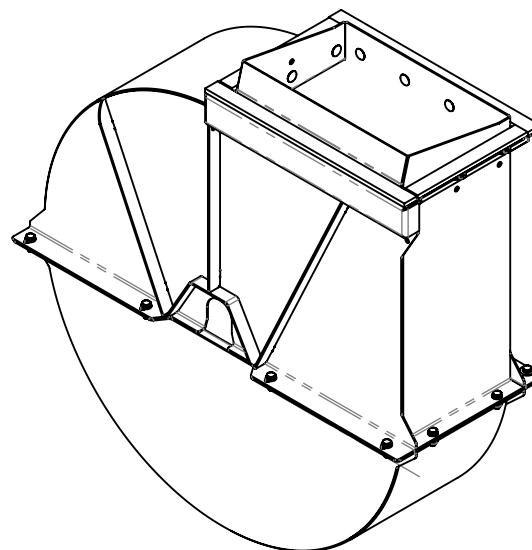
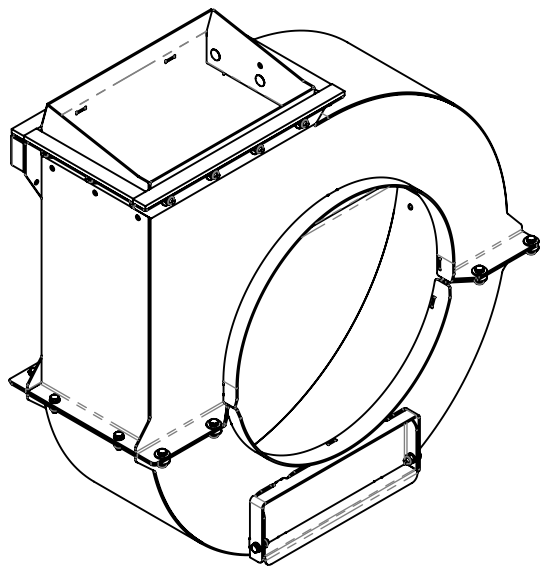
Remarks	-
Qty per Machine	1
Weight	73.77 kg

PGM	-
Scale	1:10

Drawn	STAGE	21-12-2016
Release	TS	20-12-2017

Sheet	1/2
Revision	A

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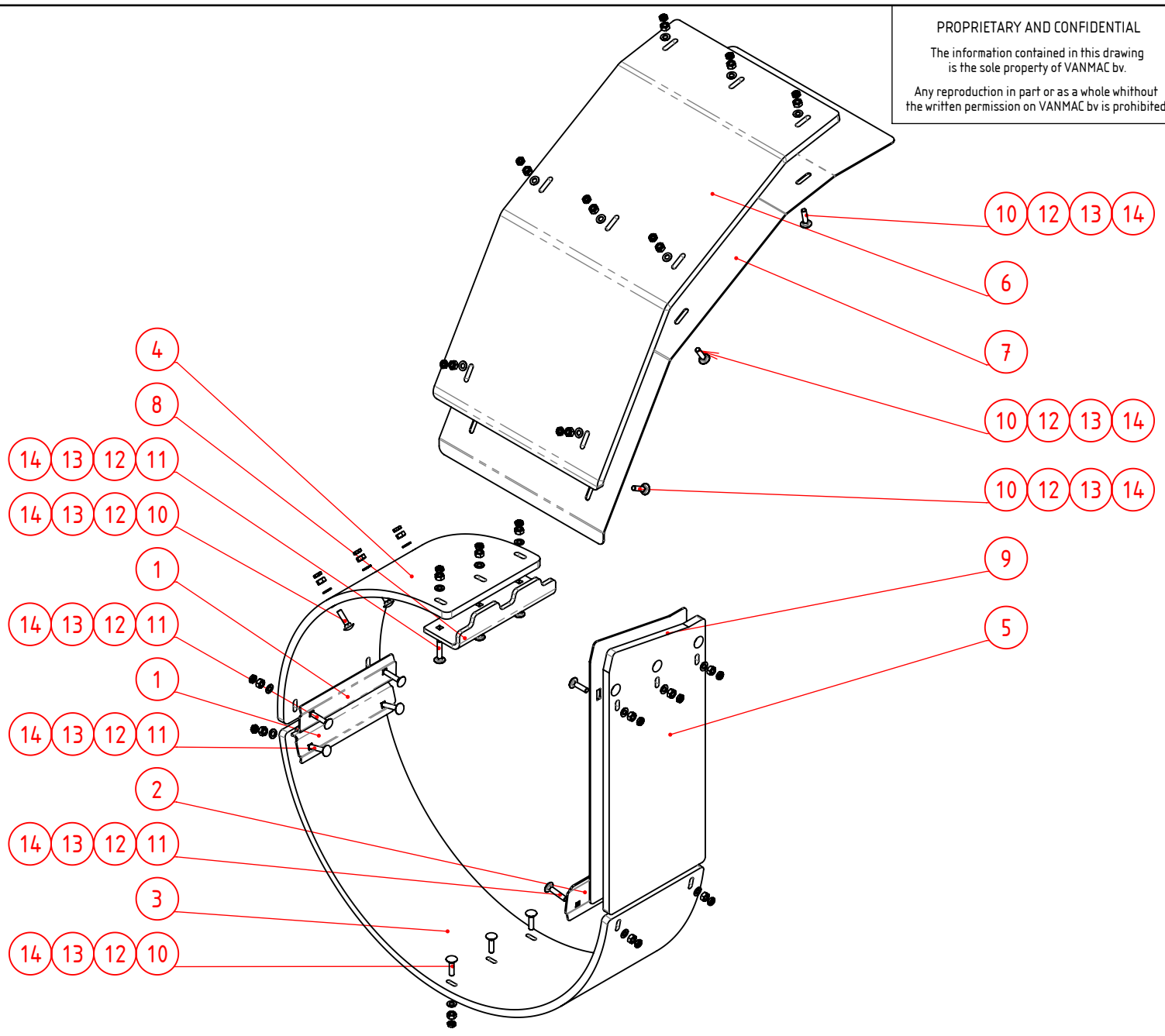


13	1	DG.CR203	Celrubber 20x3 mm		2200		
12	4	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
11	24	90.98510	Zelfborgende Moer M10				
10	14	90.9331030	Tapbout M10x30				
9	18	90.9021A10	Carr.Ring M10				
8	10	90.6031025	Slotbout M10x25				
7	14	90.125A10	Sluitring M10				
6	1	069.1801.20	Onderschaal Pomphuis				
5	1	069.1801.26	Oplegrubber 35x10	L=559 Compound 35 Shore A			
4	1	069.1801.10	Bovenschaal Pomphuis				
3	1	069.1801.06	Verstelbare hoekafdichting				
2	2	069.1801.05	Verstelbare afdichting L+R				
1	1	069.1800.38	Inspectieluik				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK	Pomphuis met inspectieluik				
	Sheet-Metal Bending: ISO 2768-cl					
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING		Remarks - Qty per Machine 1 Weight 73.77 kg	PGM - Scale 1:15	Drawn STAGE 21-12-2016 Release TS 20-12-2017	Sheet 2/2 Revision A

069.2003-Zref

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14	26	90.93610	Lage Moer M10				
13	26	90.93410	Moer M10				
12	26	90.125A10	Sluitring M10				
11	9	90.6031050	Slotbout M10x50				
10	17	90.6031040	Slotbout M10x40				
9	1	069.2004.03	Slijtplaat Zijkant 678x290x3				
8	1	069.2003.06	Klem bovenschaal slijtset	S4			
7	1	069.2004.04	Slijtplaat Uitblaas 495x1182x3				
6	1	069.2003.04	Voering Uitblaas 495x1030	S4			
5	1	069.2003.03	Voering Zijkant 678x290	S4			
4	1	069.2003.02	Voering Boven 817x290	S4			
3	1	069.2003.01	Voering Onder 1418x290	S4			
2	1	069.1801.39	Klemprofiel S4-2017	Hoog model			
1	2	069.1801.38	Klemprofiel S4-2017	Laag model			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

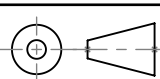
Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8


DO NOT SCALE DRAWING

Voeringset Pomphuis

3mm Basis



Remarks	PGM	-
Qty per Machine	Weight	36.38 kg
Scale	1:12.5	



069.2003

Drawn	STAGE	20-12-2016	Sheet	1/1
Release	PV	29-8-2017	Revision	-

069.2004 - Z-Reel

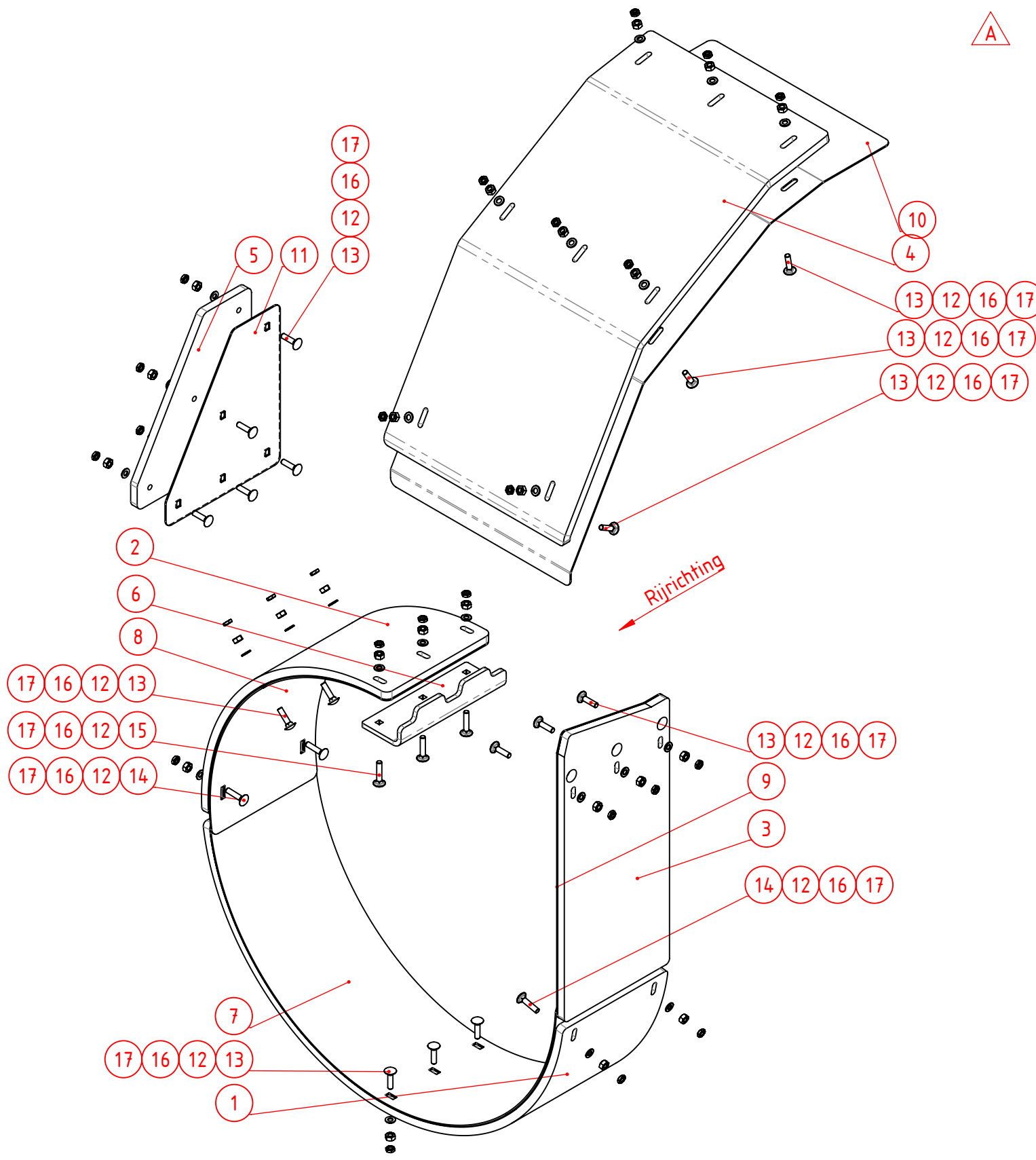
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Boutlengtes gecorrigeerd	28-3-2017	PV

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Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cL

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Voeringset Pomphuis

3mm RONDOM

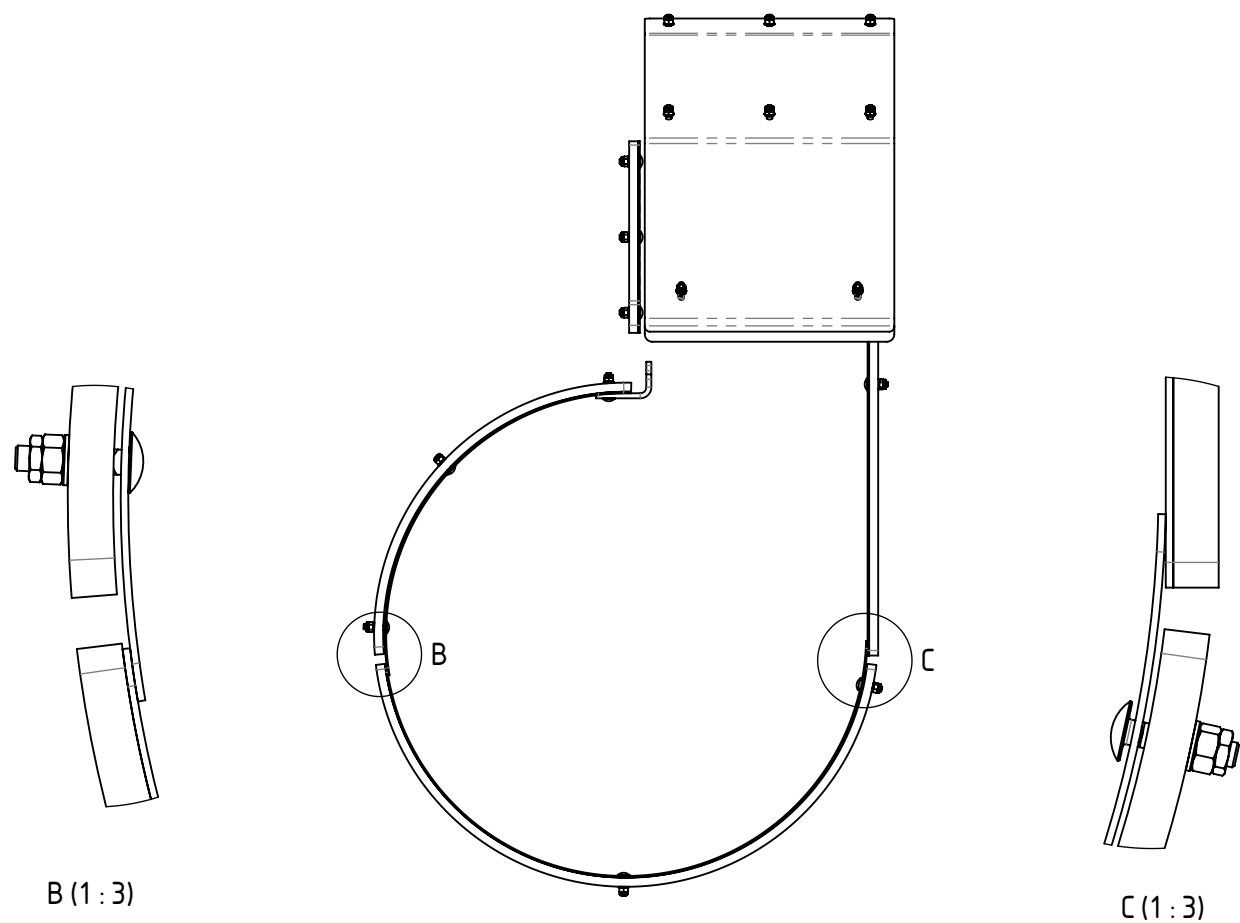
Remarks	-	PGM	-
Qty per Machine		Scale	1:10
Weight	51.88 kg	Release	TS 21-12-2017

069.2004

Drawn	STAGE	20-12-2016	Sheet	1/2
Release		TS 21-12-2017	Revision	A

069.2004 - Zref

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B (1 : 3)

C (1 : 3)

17	29	90.93610	Lage Moer M10				
16	29	90.93410	Moer M10				
15	3	90.6031050	Slotbout M10x50				
14	4	90.6031045	Slotbout M10x45				
13	22	90.6031040	Slotbout M10x40				
12	29	90.125A10	Sluitring M10				
11	1	069.2004.05	Slijtplaat Zijkant Uitblaas	380x315x3			
10	1	069.2004.04	Slijtplaat Uitblaas 495x1182x3				
9	1	069.2004.03	Slijtplaat Zijkant 678x290x3				
8	1	069.2004.02	Slijtplaat Boven 843x290x3				
7	1	069.2004.01	Slijtplaat Onder	1440x290x3			
6	1	069.2003.06	Klem bovenschaal slijtset	S4			
5	1	069.2003.05	Voering Zijkant Uitblaasbocht	380x315			
4	1	069.2003.04	Voering Uitblaas 495x1030	S4			
3	1	069.2003.03	Voering Zijkant 678x290	S4			
2	1	069.2003.02	Voering Boven 817x290	S4			
1	1	069.2003.01	Voering Onder 1418x290	S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK	Voeringset Pomphuis 3mm RONDON					
	Sheet-Metal Bending: ISO 2768-cl						069.2004
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING		Remarks - Qty per Machine	Weight 51.88 kg	PGM - Scale 1:15	Drawn STAGE 20-12-2016 Release TS 21-12-2017	Sheet 2/2 Revision A

069.2005 - Z-rev

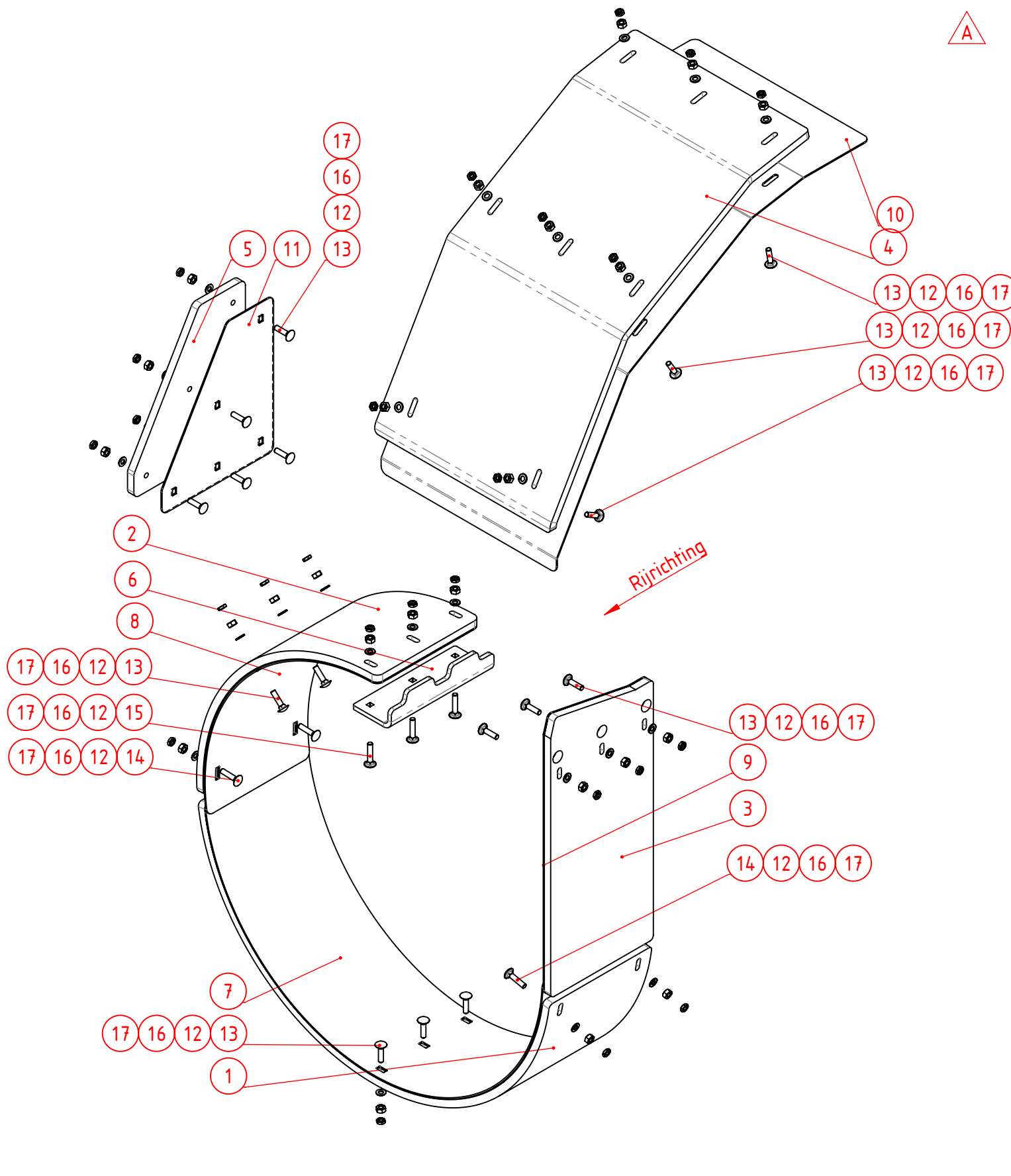
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Boutlengtes gecorrigeerd	28-3-2017	PV

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Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Voeringset Pomphuis

5mm RONDOM



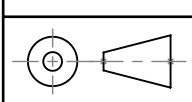
069.2005

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

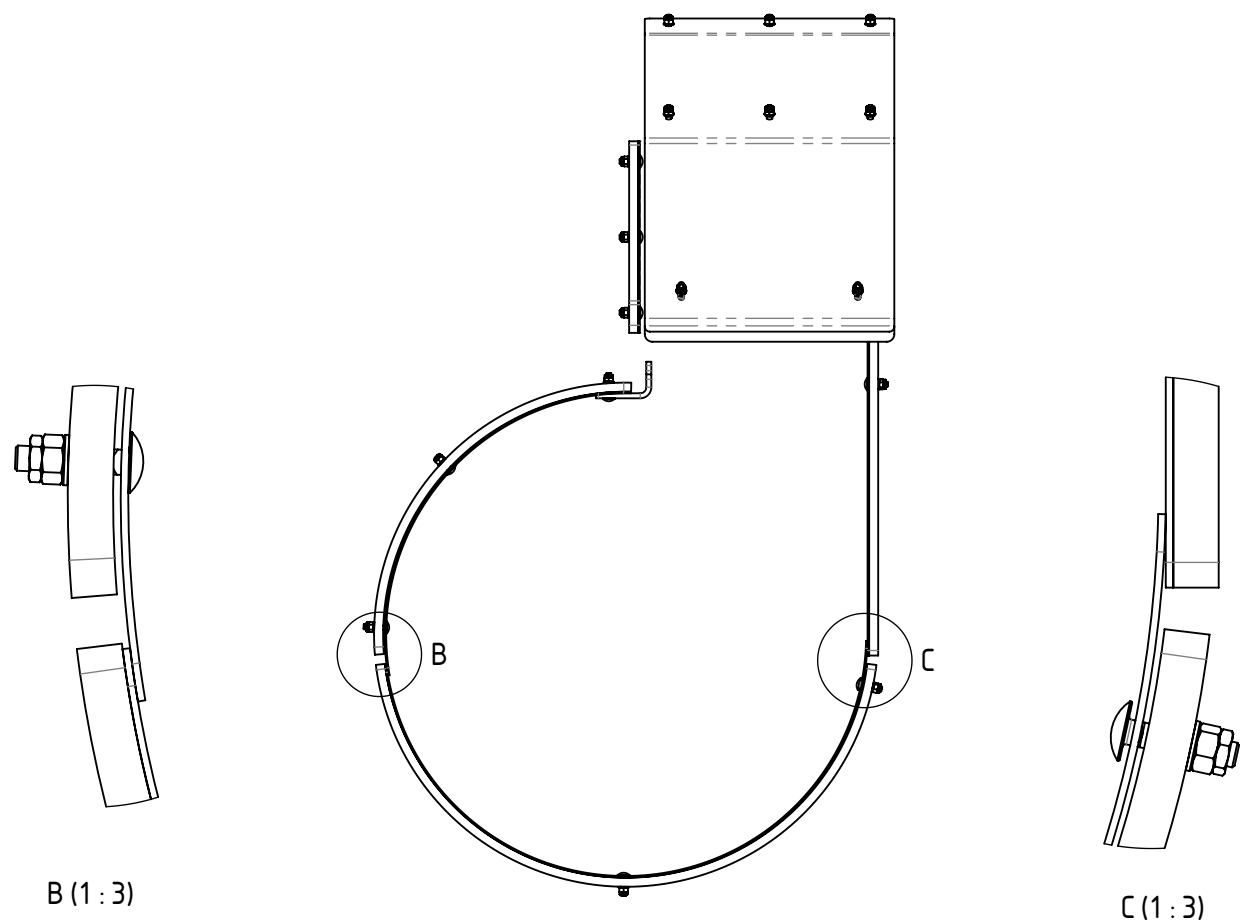


Remarks	-	PGM	-
Qty per Machine		Scale	1:10
Weight	51.88 kg		

Drawn	TS 21-12-2017	Sheet	1/2
Release	TS 21-12-2017	Revision	A

069.2005 - Zref

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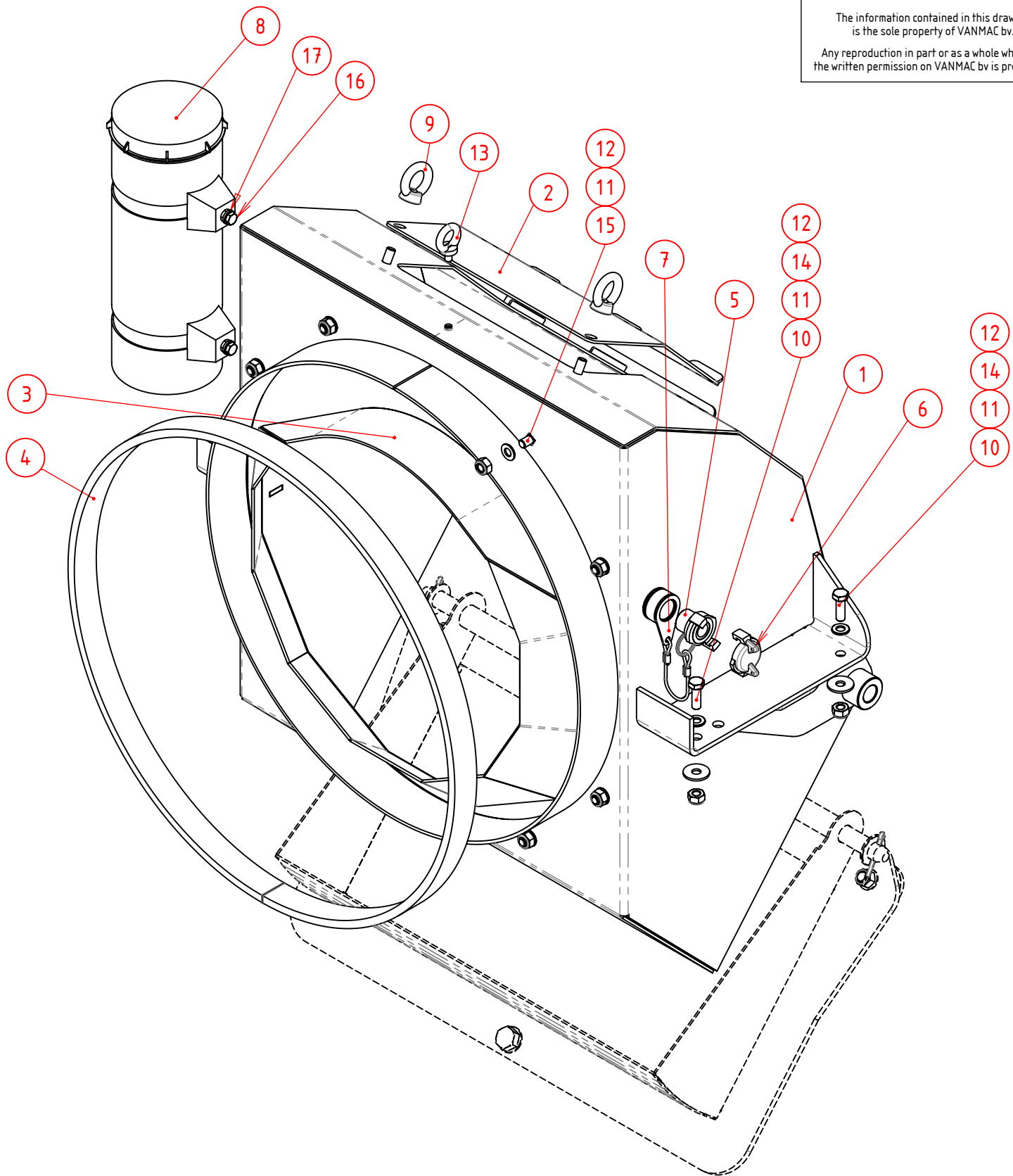


17	29	90.93610	Lage Moer M10				
16	29	90.93410	Moer M10				
15	3	90.6031050	Slotbout M10x50				
14	4	90.6031045	Slotbout M10x45				
13	22	90.6031040	Slotbout M10x40				
12	29	90.125A10	Sluitring M10				
11	1	069.2005.05	Slijtplaat Zijkant Uitblaas	380x315x5			
10	1	069.2005.04	Slijtplaat Uitblaas 495x1182x5				
9	1	069.2005.03	Slijtplaat Zijkant 678x290x5				
8	1	069.2005.02	Slijtplaat Boven 841x290x5				
7	1	069.2005.01	Slijtplaat Onder 1440x290x5				
6	1	069.2003.06	Klem bovenschaal slijtset	S4			
5	1	069.2003.05	Voering Zijkant Uitblaasbocht	380x315			
4	1	069.2003.04	Voering Uitblaas 495x1030	S4			
3	1	069.2003.03	Voering Zijkant 678x290	S4			
2	1	069.2003.02	Voering Boven 817x290	S4			
1	1	069.2003.01	Voering Onder 1418x290	S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Voeringset Pomphuis 5mm RONDON				
					Remarks - Qty per Machine - Weight 51.88 kg	PGM - Scale 1:15
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges						Sheet 2/2 Revision A

069.2102 - Z-Ref

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Graskast S4		Remarks	-	PGM	-
Qty per Machine	1	Weight	53.64 kg	Scale	1:6

TRILO			
069.2102			
Drawn	PV 15-12-2016	Sheet	1/2
Release	TS 23-2-2018	Revision	D

069.2102-Z-Ref

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Pos.12 toegevoegd	22-11-17	TS
B	Aanzuigconus toegevoegd	22-12-2017	PCL
C	Documentenkoker en inspectieluik toegevoegd	11-01-18	TS
D	Aanzuigconus met slotbouten ipv tapbouten	23-02-18	TS

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17	2	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
16	2	90.933825	Tapbout M8x25				
15	8	90.6031020	Slotbout M10x20				
14	4	90.9021A10	Carr.Ring M10				
13	1	90.5806	Oogbout M6 Verz.				
12	12	90.98510	Zelfborgende Moer M10				
11	12	90.125A10	Sluitring M10				
10	4	90.9331030	Tapbout M10x30				
9	2	90.58210	Oogmoer M10				
8	1	IT.1005	Documenthouder 125x345mm	Zwart/Zwart Schroefdop			
7	1	056.2100.64	Kabeltje met oog				
6	1	KR.217171	Blindkap Geka				
5	1	KR.217166	Buitendraad 3/4" Geka				
4	1	056.2102.10	Celrubber Klepkast	35x10 L=1906			
3	1	069.2105.52	Aanzuigconus 425mm				
2	1	069.2102.09	Inspectieluik	graskast			
1	1	069.2102.01	Graskast	LSM			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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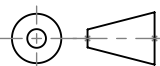
Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Graskast S4



Remarks

-

Qty per Machine

Weight

PGM

Drawn

PV 15-12-2016

Sheet

2/2

Scale

Release

TS 23-2-2018

Revision

D

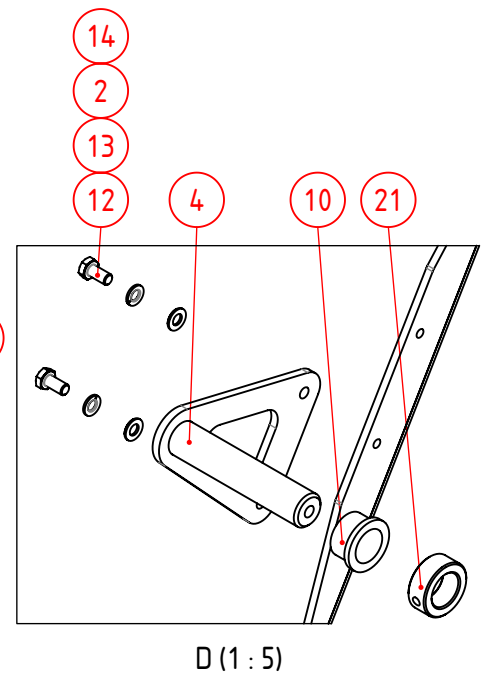
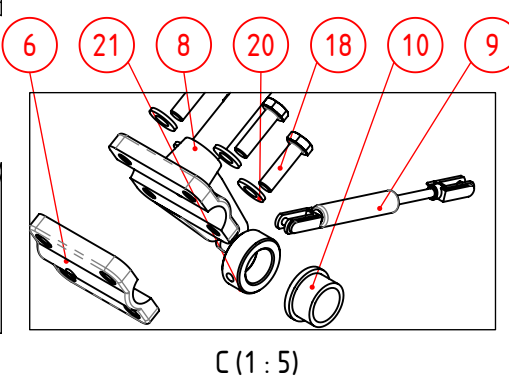
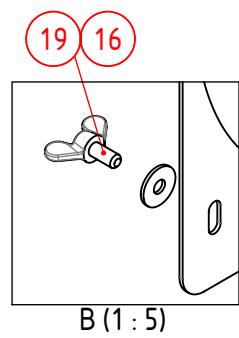
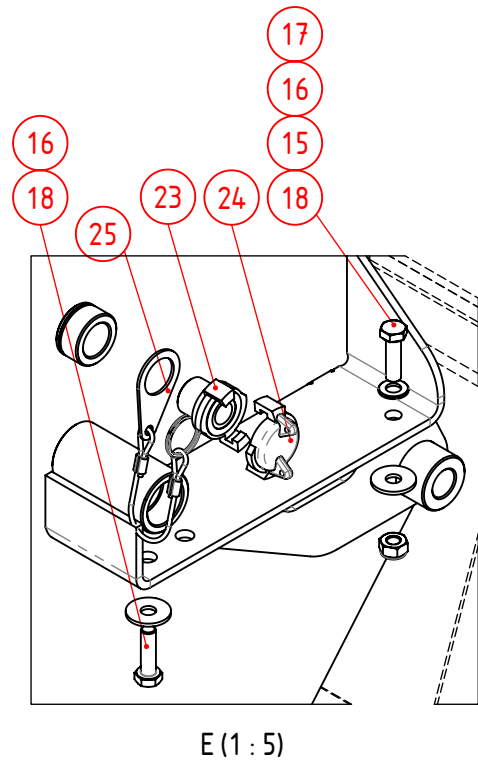
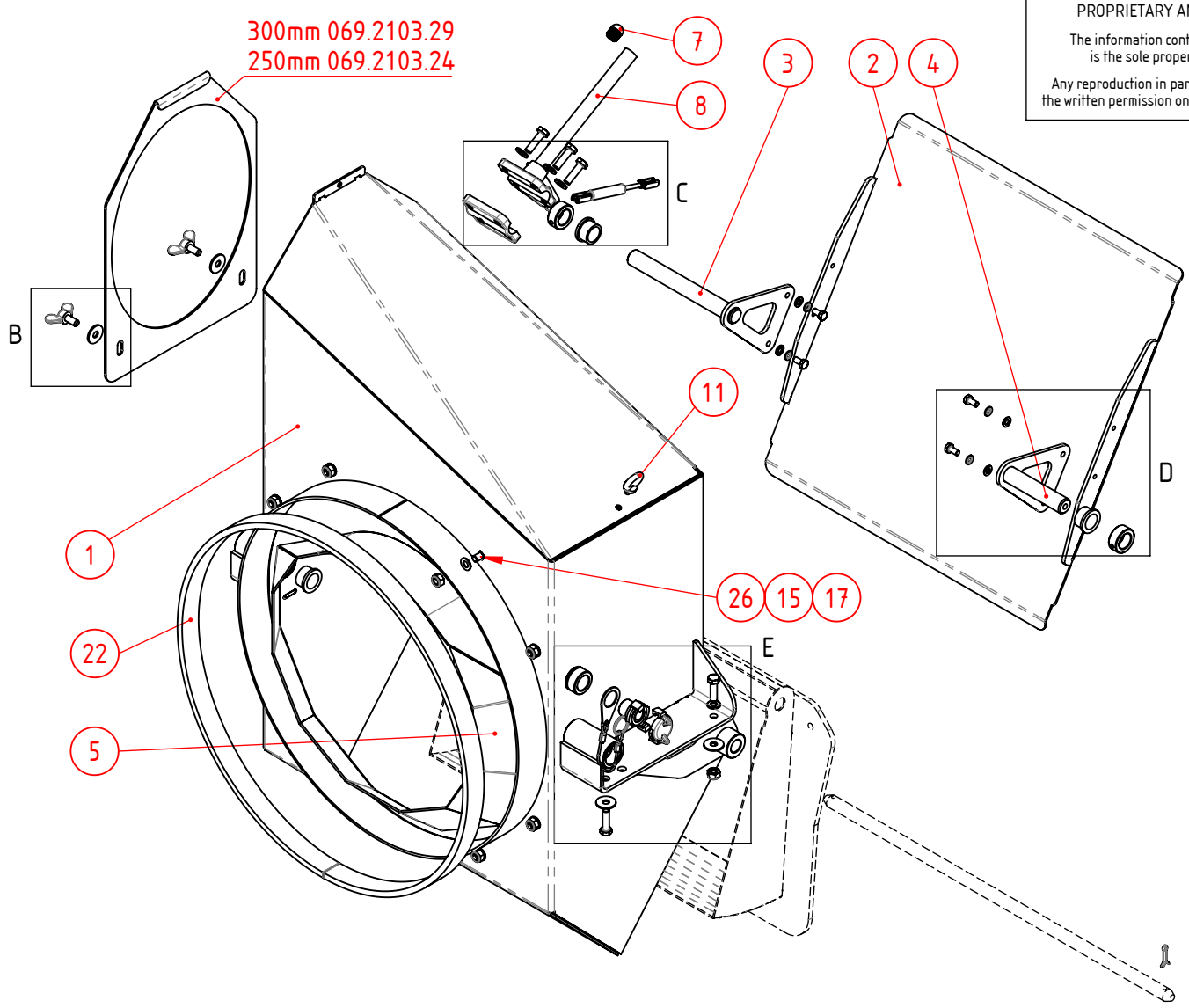
kg

1:5

069.2102

069.2103-ZRef

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					069.2103	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks -	PGM -	Drawn PV 30-6-2016	Sheet 1/4
		Qty per Machine 1	Weight 73.36 kg	Scale 1:10	Release TS 23-2-2018	Revision C

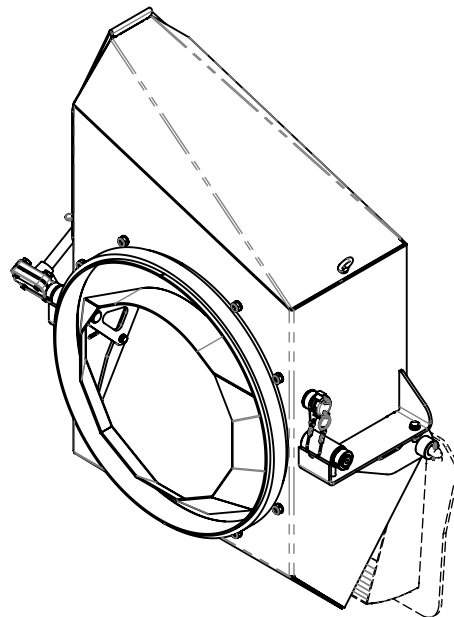
069.2103-Zref

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Gasveer gewijzigd van 200N naar 350N	28-3-2017	PCL
B	aanzuigconus gewijzigd van 069.2103.52 naar 069.2105.52	12-5-2017	PCL
C	Aanzuigconus met slotbouten ipv tapbouten	23-02-2018	TS

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26	8	90.6031020	Slotbout M10x20				
25	1	056.2100.64	Kabeltje met oog				
24	1	KR.217171	Blindkap Geka				
23	1	KR.217166	Buitendraad 3/4" Geka				
22	1	056.2102.10	Celrubber Klepkast	35x10 L=1906			
21	2	90.705A25V	Stelring 25x40x16 verzinkt				
20	4	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
19	2	90.3161020	Vleugelbout M10x20				
18	8	90.9331035	Tapbout M10x35	8.8			
17	10	90.98510	Zelfborgende Moer M10				
16	6	90.9021A10	Carr.Ring M10				
15	10	90.125A10	Sluitring M10				
14	4	90.125A8	Sluitring M8				
13	4	90.127B8	Veerring M8				
12	4	90.933816	Tapbout M8x16				
11	1	90.5806	Oogbout M6 Verz.				
10	4	LC.MFM-2532-20	Kraagbus Ø25/32 L=20				
9	1	069.2103.01	Gasveer VOV0-56-050-122/350N	2x gaffel M5x20 (S4 mech)			
8	1	069.2101.35	Omstelhendel	LSM			
7	1	069.2101.05	Buisdop Bol 20mm				
6	1	44.02024R	Klemplaat	rood			
5	1	069.2105.52	Aanzuigconus 425mm				
4	1	069.2103.35	Scharnierpen kort				
3	1	069.2103.34	Scharnierpen Lang				
2	1	069.2103.20	Klep klepkast				
1	1	069.2103.06	Klepkast				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

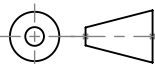
Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Klepkast compleet



Remarks

-

Qty per Machine

1

Weight

73.36 kg

PGM

-

Scale

1:15

Drawn

PV

30-6-2016

Release

TS

23-2-2018

Sheet

2/4

Revision

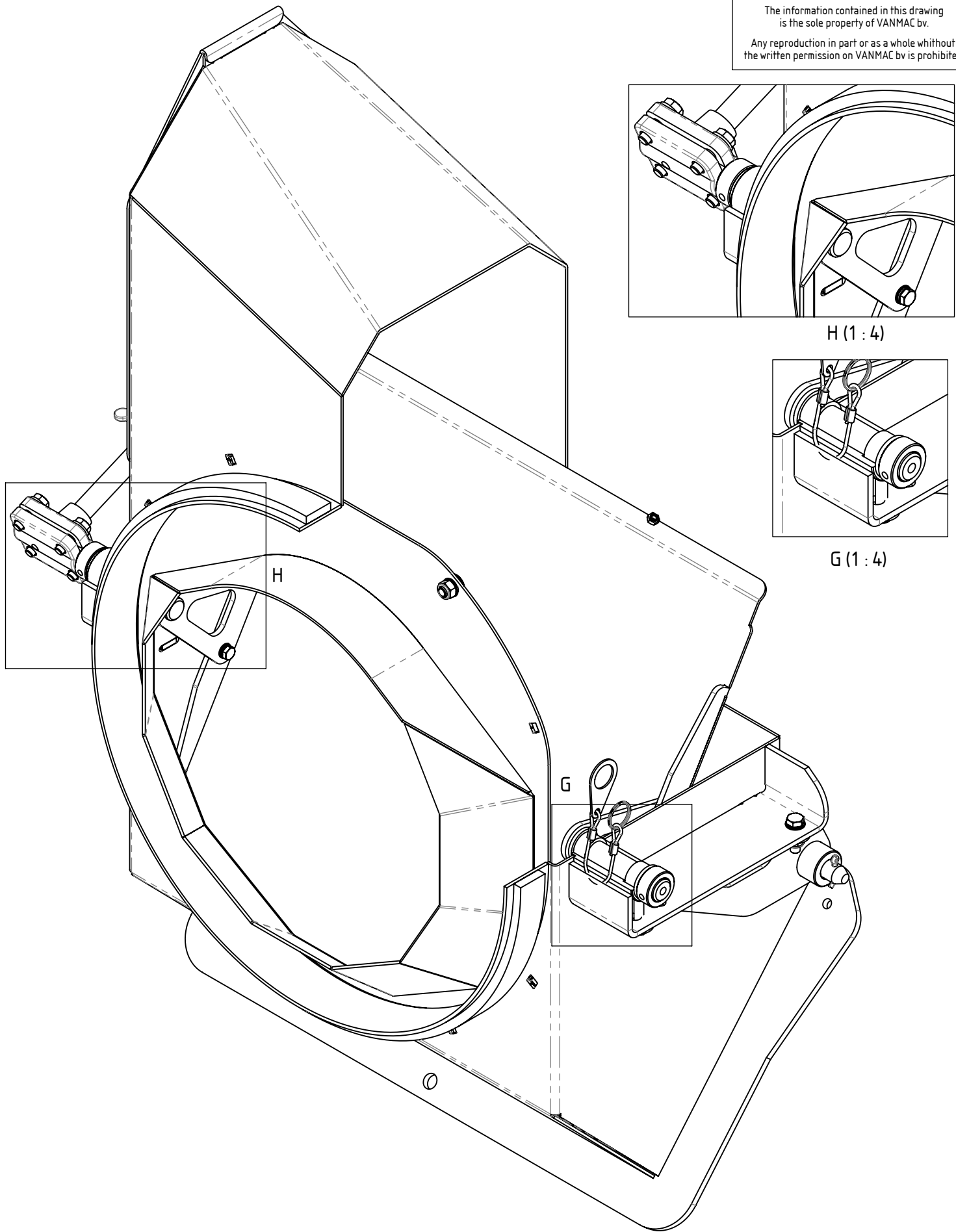
C



069.2103

0692103-ZRef

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Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

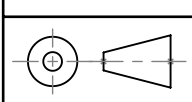
Klepkast compleet



069.2103

Remove welding spatter
 Sheet metal unscratched
 Deburr / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



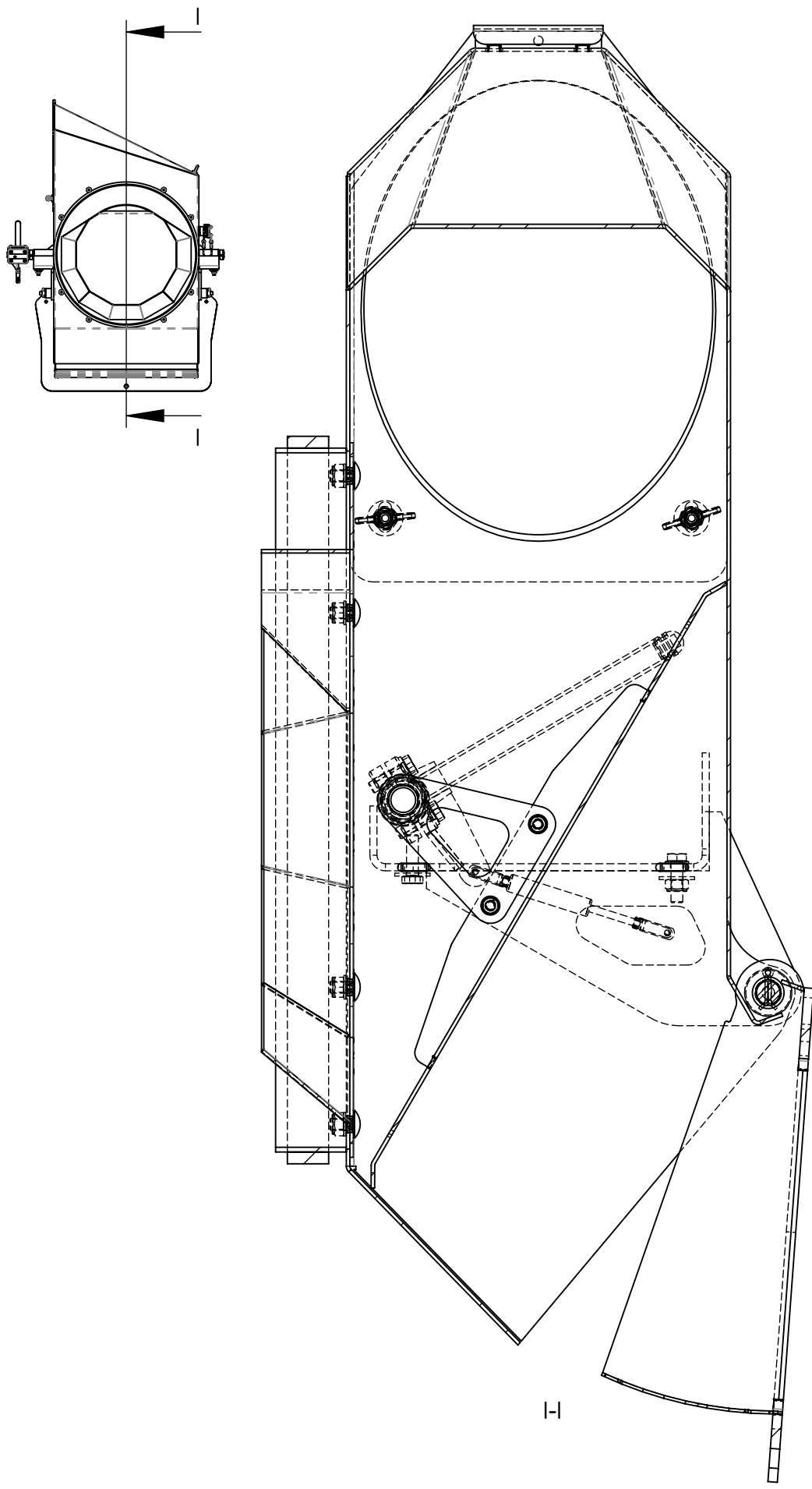
Remarks	-
Qty per Machine	1
Weight	73.36 kg

PGM	-
Scale	1:5

Drawn	PV	30-6-2016	Sheet	3/4
Release	TS	23-2-2018	Revision	C

069.2103 - ZRef

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

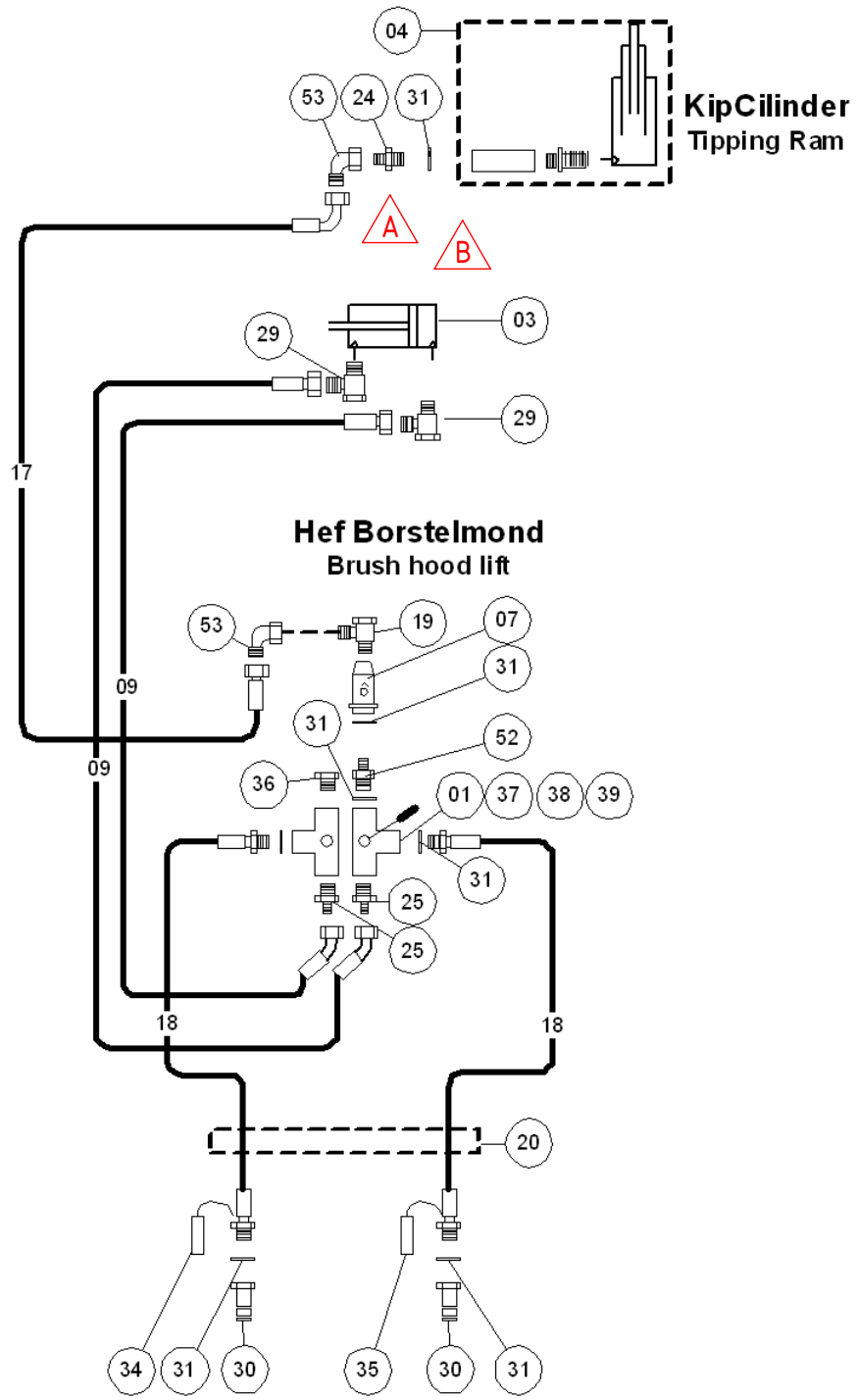
Klepkast compleet			
Remarks	-	PGM	-
Qty per Machine	1	Weight	73.36 kg
		Scale	1:5

		Sheet	4/4
069.2103		Drawn	PV 30-6-2016
Release	TS 23-2-2018	Revision	C

069.2401 - Z-Ref

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Slang 09 45 graden pilaar va nvoor naar achter verplaatst ivm afbreken pilaar door borstelmond	26-4-2017	ivdh
B	Slang 09 weer terug naar originele aansluitingen. Inschroefnippel 29 vervangen door haakse koppling ivm aanwezig risico op afbreken pilaar	9-5-2017	pcl

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Hydraulisch schema S4		Mechanische Aandrijving	
Remarks		-	
Qty per Machine	Weight	PGM	-
	kg	Scale	1:50


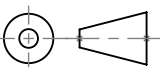
TRILO	
069.2401	
Drawn IVDH 13-9-2016	Sheet 1/2
Release PV 29-8-2017	Revision B

069.2401 - Zref

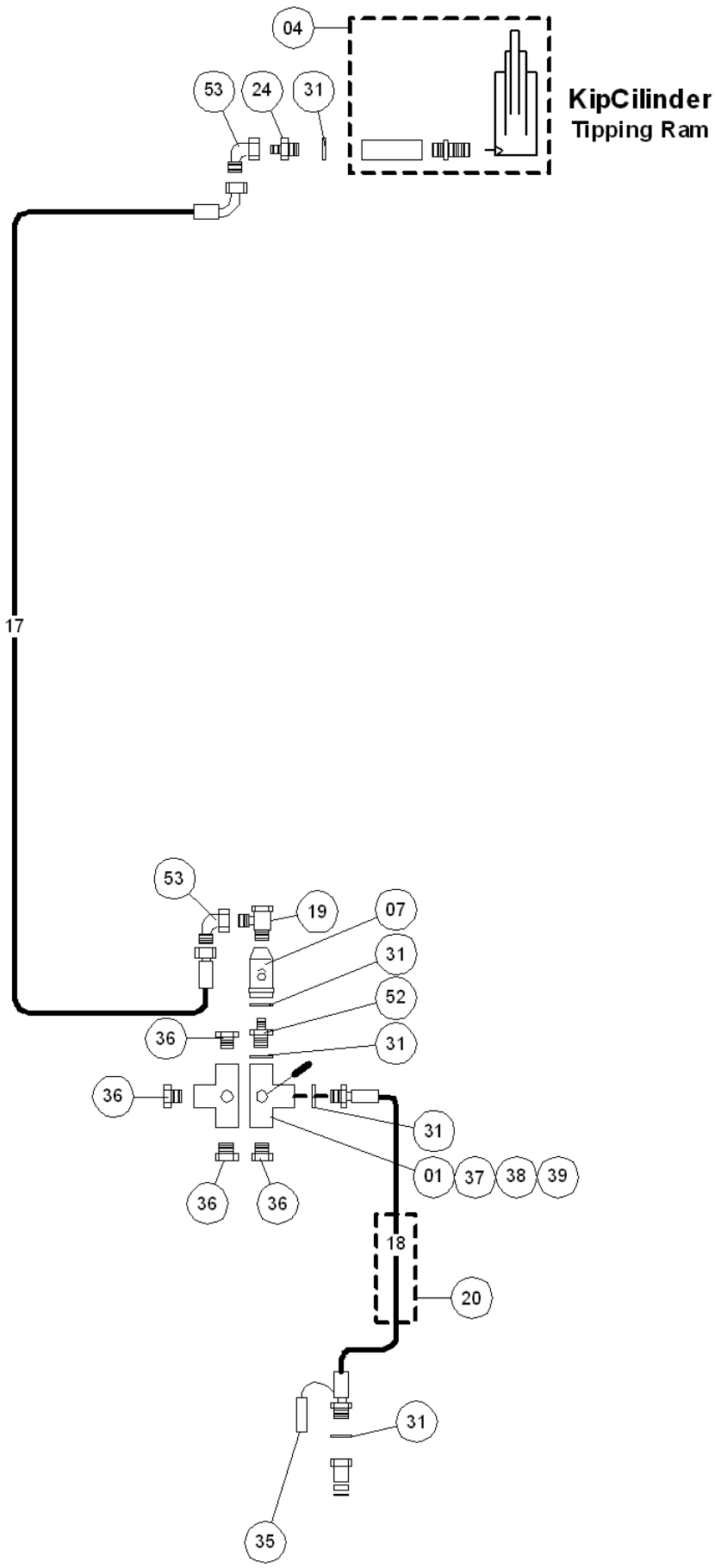
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Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
53	2	KR.EWSD15L	Haakse Koppeling				
52	1	KR.DNB08	Dubbele Nippel 1/2" - 1/2" BS				
39	2	90.98510	Zelfborgende Moer M10				
38	4	90.125A10	Sluistring M10				
37	2	90.9121060	Cil.Inbusbout M10x60				
36	1	KR.VSR08WD	Afsluitplug 1/2" BSP				
35	1	WF.TF12G	Stofkap 1/2" Groen				
34	1	WF.TF12R	Stofkap 1/2" Rood				
31	7	KR.TT08	USIT-ring 1/2"				
30	2	KR.20108110	Snelkoppelinstecker 1/2"				
29	2	KR.RSWV12LR38WD	Haakse Zwenk koppeling BSP				
25	2	KR.GES12LR12	Rechte Inschroefkoppeling BSP				
24	1	KR.GES15LR12	Rechte Inschroefkoppeling BSP				
20	1	069.2400.20	Beschermkous L 1600				
19	1	KR.RSWV15LR12WD	Haakse Zwenk koppeling BSP				
18	2	069.2400.18	Slang HSKPQ13 ZL=2200	PN 13-8 PN 13-8			
17	1	069.2403.17	Slang HSKPQ13 ZL= 3850	PGLO 13-22-90 PGL013-22			
9	2	069.2403.09	Slang HSKPQ10 ZL= 3300	PGLO 10-18 PGLO 10-18-45			
7	1	KR.FPMU10001	Smoorterugslagklep 1/2				
4.4	1	KR.TC908	Inschroefnippel				
4.3	1	KR.ZB08	Zeskant bus 1/2 bsp				
4.2	1	KR.GN61180	Vetnippel M6 180°				
4.1	1	KR.TC3545FS	Telescoopcilinder	SG300 SG400 SG450 S4			
4	1	63.05004	Telescoopcilinder Compleet				
3	1	056.1200.10	Cilinder D25-50-500	Kettinghef			
1	1	KR.DH106B	6-wegkraan 1/2 (I-plug)				

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Hydraulisch schema S4 Mechanische Aandrijving				
					069.2401	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks - Qty per Machine Weight kg	PGM - Scale 1:50	Drawn IVDH 13-9-2016 Release PV 29-8-2017	Sheet 2/2 Revision B	

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**KipCylinder
Tipping Ram**

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

<p>Hydraulisch schema S4</p> <p>enkel Kippen</p>		PGM	-
		Scale	1:1
Remarks	Qty per Machine	Weight	kg


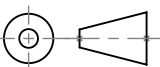
		<p>069.2402</p>	
		Drawn	Sheet
PCL	30-1-2017	1/2	
Release	TS 4-4-2017	Revision	-

069.2402 - Zref

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53	2	KR.EWSD15L	Haakse Koppeling				
52	1	KR.DNB08	Dubbele Nippel 1/2" - 1/2" BS				
39	2	90.98510	Zelfborgende Moer M10				
38	4	90.125A10	Sluitring M10				
37	2	90.9121060	Cil.Inbusbout M10x60				
36	4	KR.VSR08WD	Afsluitplug 1/2" BSP				
35	1	WF.TF12G	Stofkap 1/2" Groen				
31	5	KR.TT08	USIT-ring 1/2"				
24	1	KR.GES15LR12	Rechte Inschroefkoppeling BSP				
20	1	069.2400.20	Beschermkous L 1600				
19	1	KR.RSWV15LR12WD	Haakse Zwenkkoppeling BSP				
18	1	069.2400.18	Slang HSKPQ13 ZL=2200	PN 13-8 PN 13-8			
17	1	069.2403.17	Slang HSKPQ13 ZL= 3850	PGL0 13-22-90 PGL013-22			
7	1	KR.FPMU10001	Smoorterugslagklep 1/2				
4.4	1	KR.TC908	Inschroefnippel				
4.3	1	KR.ZB08	Zeskant bus 1/2 bsp				
4.2	1	KR.GN61180	Vetnippel M6 180°				
4.1	1	KR.TC3545FS	Telescoopcilinder	SG300 SG400 SG450 S4			
4	1	63.05004	Telescoopcilinder Compleet				
1	1	KR.DH106B	6-wegkraan 1/2 (l-plug)				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Hydraulisch schema S4 enkel Kippen				
					Drawn PCL 30-1-2017	Sheet 2/2
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight kg	PGM Scale 1:1	Drawn PCL 30-1-2017 Release TS 4-4-2017	Sheet 2/2 Revision -

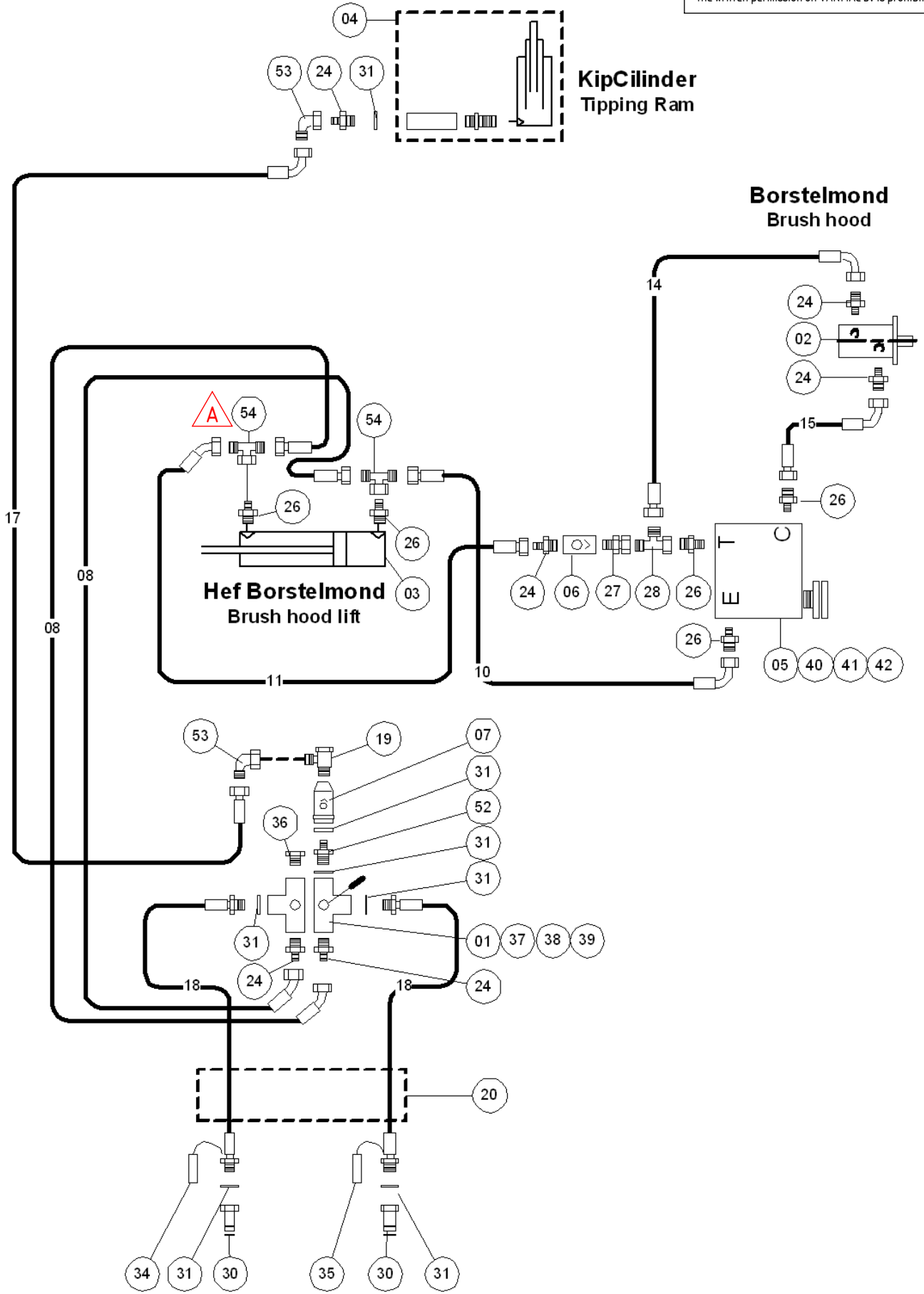
069.2402

069.2403 - Z-Ref

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Routing aangepast naar hef BM	11-5-2017	PCL

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Hydraulisch schema S4
 BM hydr. aangedreven

	Remarks	-	PGM	-
	Qty per Machine	Weight	Scale	1:20

069.2403	
Drawn TS 30-1-2017	Sheet 1/2
Release TS 26-2-2018	Revision A

069.2403 - Zref

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99	3	BE.STARMAX-208	Starmax FE 208 Ltr	10W30			
54	2	KR.ETSD15L	T-koppeling				
53	2	KR.EWSD15L	Haakse Koppeling				
52	1	KR.DNB08	Dubbele Nippel 1/2" - 1/2" BS				
42	2	90.931660	Zeskantbout M6x60				
41	2	90.734910	Carr.Ring M10 Dik				
40	1	90.9856	Zelfborgende Moer M6				
39	2	90.98510	Zelfborgende Moer M10				
38	4	90.125A10	Sluitring M10				
37	2	90.9121050	Cil.Inbusbout M10x50				
36	1	KR.VSR08WD	Afsluitplug 1/2" BSP				
35	1	WF.TF12G	Stofkap 1/2" Groen				
34	1	WF.TF12R	Stofkap 1/2" Rood				
31	7	KR.TT08	USIT-ring 1/2"				
30	2	KR.20108110	Snelkoppelinstecker 1/2"				
28	1	KR.ELSD15L	L-koppeling				
27	1	KR.EGESD15LR12W	Koppeling				
26	5	KR.GES15LR38	Rechte Inschroefkoppeling BSP				
24	6	KR.GES15LR12	Rechte Inschroefkoppeling BSP				
20	1	069.2400.20	Beschermkous L 1600				
19	1	KR.RSWV15LR12WD	Haakse Zwenkkoppeling BSP				
18	2	069.2400.18	Slang HSKPQ13 ZL=2200	PN 13-8 PN 13-8			
17	1	069.2403.17	Slang HSKPQ13 ZL= 3850	PGLO 13-22-90 PGL013-22			
15	1	069.2403.15	Slang HSKPQ13 ZL= 900	PGLO 13-22-90 PGL0 13-22			
14	1	069.2403.14	Slang HSKPQ13 ZL= 940	PGLO 13-22-90 PGL0 13-22			
11	1	069.2403.11	Slang HSKPQ13 ZL= 1230	PGLO 13-22-45 PGL0 13-22			
10	1	069.2403.10	Slang HSKPQ13 ZL= 1500	PGLO 13-22 PGL0 13-22-90			
8	2	069.2403.08	Slang HSKPQ13 ZL= 3300	PGLO 13-22 PGL0 13-22-45			
7	1	KR.FPMU10001	Smooterugslagklep 1/2				
6	1	KR.LCV10001	Terugslagklep S 08 (0.5 Bar)				
5	1	KR.VPR3ET05001	3weg Stroomregelklep 3/8"				
4.4	1	KR.TC908	Inschroefnippel				
4.3	1	KR.ZB08	Zeskant bus 1/2 bsp				
4.2	1	KR.GN61180	Vetnippel M6 180°				
4.1	1	KR.TC3545FS	Telescoopcilinder	SG300 SG400 SG450 S4			
4	1	63.05004	Telescoopcilinder Compleet				
3	1	056.1200.10	Cilinder D25-50-500	Kettinghef			
2	1	KR.OMP80L	Hydromotor OMP80l	Met Lekaansluiting			
1	1	KR.DH106B	6-wegkraan 1/2 (l-plug)				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

Tolerances unless stated:
ISO 2768-mK

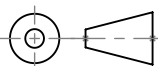
Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Hydraulisch schema S4

BM hydr. aangedreven



Remarks

Qty per Machine

Weight

PGM

Scale

Drawn

Release

069.2403

TS 30-1-2017

TS 26-2-2018

Sheet

Revision

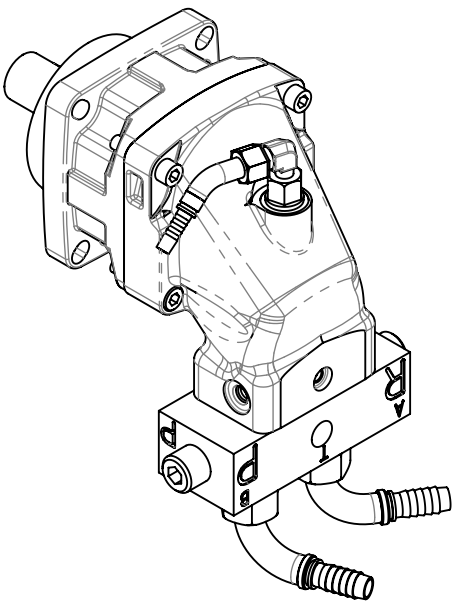
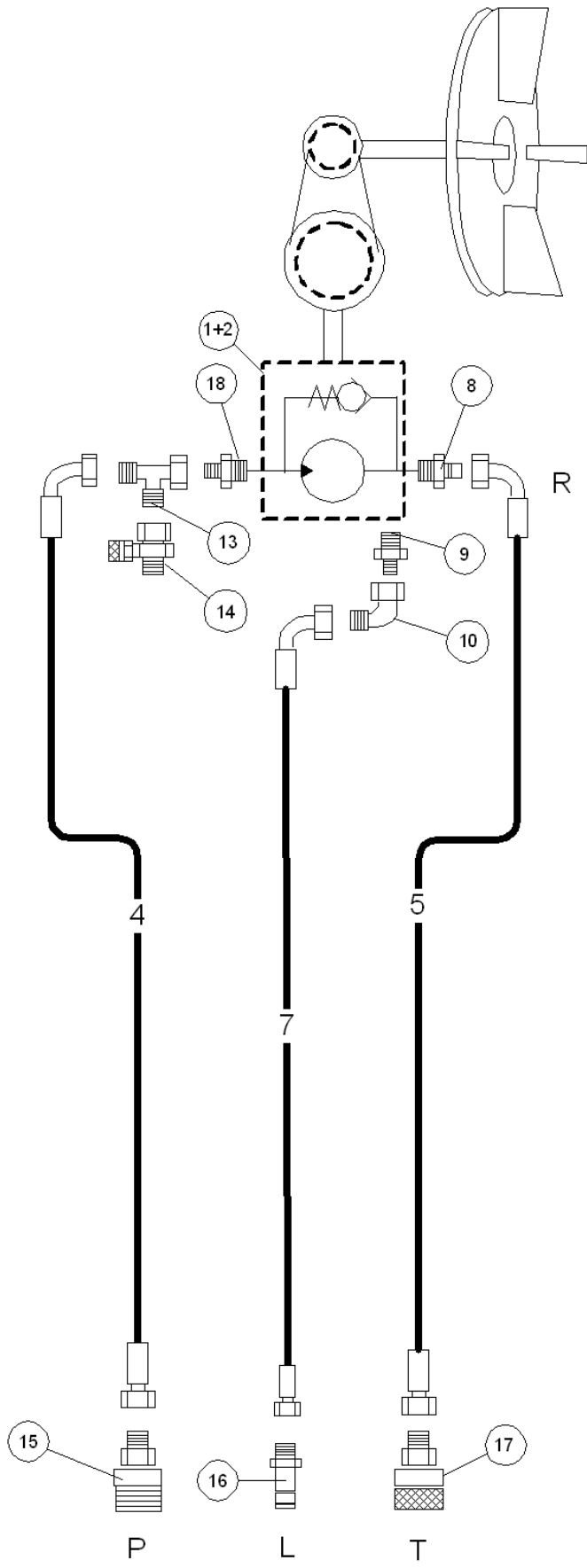
2/2


A

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

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					069.2405	
Remove welding spatter Sheet metal unscratched Deburr / Break sharp edges	Remarks Qty per Machine		PGM -	Drawn TS 4-4-2017	Sheet 1/2	
	Weight 9.61 kg		Scale 1:5	Release PCL 26-9-2017	Revision -	


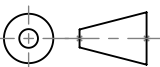
069.2405 - ZReel

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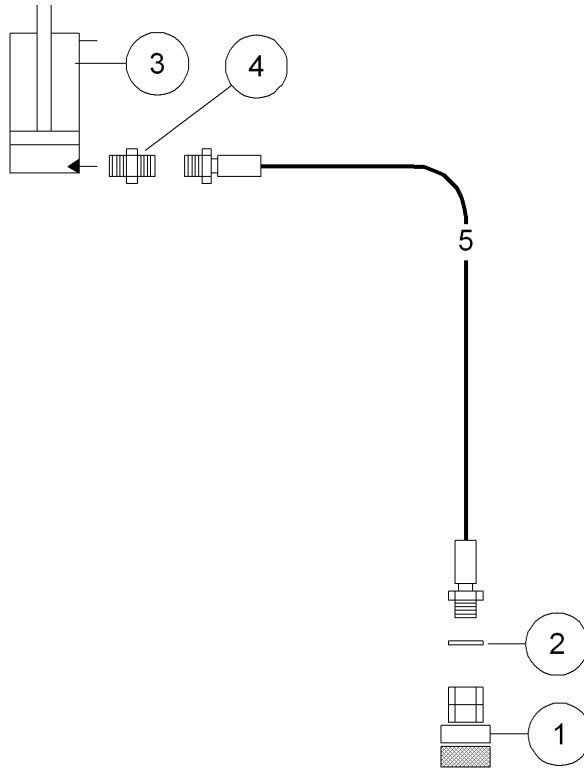
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18	1	KR.GES20SR34	Rechte In Schroefkoppeling BSP				
17	1	KR.SKSM25L30	Insteeknippel M30-22L	Schroefkoppeling BG6			
16	1	KR.SKPM12L16	Insteeknippel 1/2- M16x1,5-10L				
15	1	KR.SKSF25S30	Koppelhuis M30-20S	Schroefkoppeling BG6			
14	1	KR.MDV2020S	Meetpuntkoppeling 20S				
13	1	KR.ELSD20S	L-koppeling				
10	1	KR.EWSD15L	Haakse Koppeling				
9	1	KR.GES15LM22	Rechte In Schroefkoppeling Metr				
8	1	KR.GES22LR34	Rechte In Schroefkoppeling BSP				
7	1	056.2405.02	Hydr. slang NST10 ZL=3000	PGLO 10-18 PGLO 10-22-90			
5	1	069.2405.05	Slang HST 20 ZL=3000	PGLO 20-30 PGLO 20-30-90			
4	1	056.2405.04	Slang HDR 20 ZL=3000	PGSO 20-30 PGSO 20-30-90			
2	1	PA.3768561	Crossover klep	Parker hydrauliekmotor F12/60			
1	1	BB.05313083	Parker hydrauliekmotor F12/60				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK	Hydraulisch schema Turbine					
	Sheet-Metal Bending: ISO 2768-cl						069.2405
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING		Remarks Qty per Machine	Weight 9.61 kg	PGM Scale 1:5	Drawn TS 4-4-2017 Release PCL 26-9-2017	Sheet 2/2 Revision -

069.2411-ZRef

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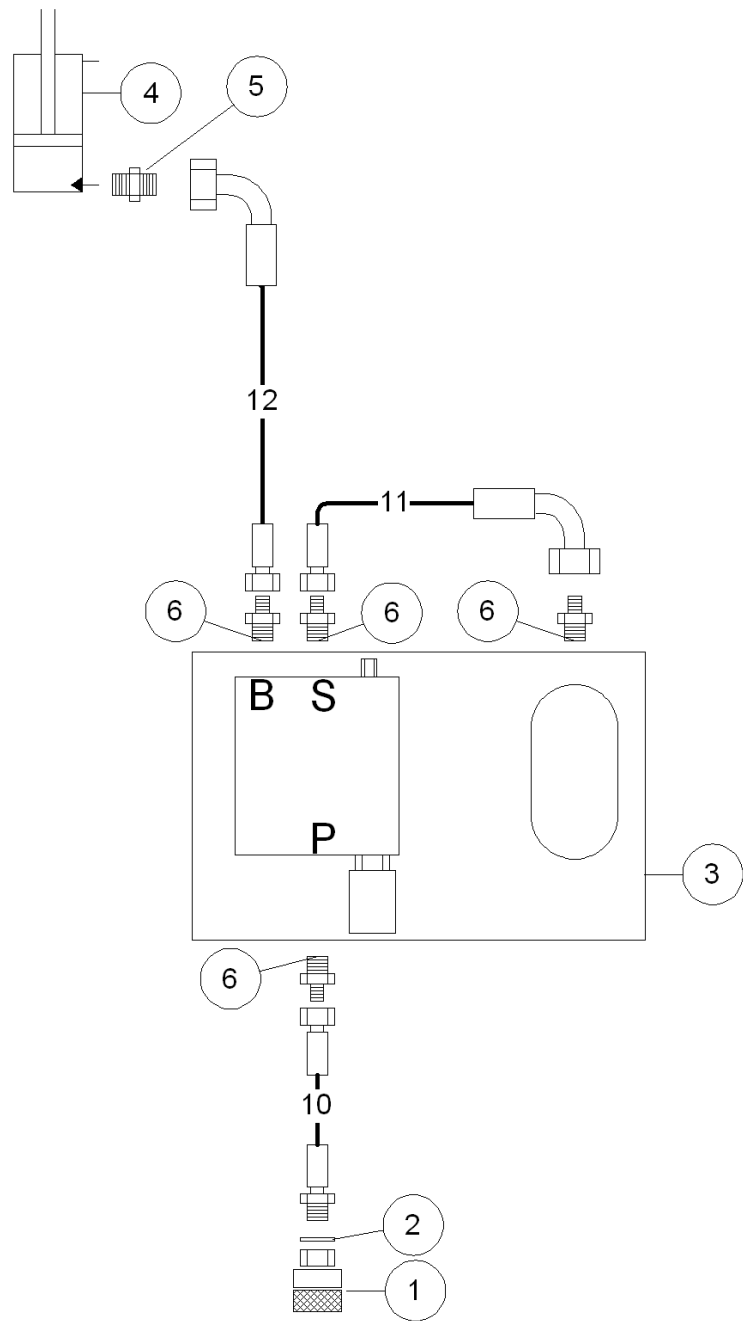


5	1	069.2411.02	Slang NST8 ZL= ???	PN 8-6 PGL0 8-18			
4	1	KR.GES12LR38	Rechte Inschroefkoppeling BSP				
3	1	KR.BC30100	Cilinder EPL30-100/250	(CEMAGREF certificate)			
2	1	KR.TT06	USIT-ring 3/8"				
1	1	KR.VF038GASF	Koppelhuis V.Remsysteem	3/8"			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl	Hydrauliek Remsysteem				
	Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING			Remarks - Qty per Machine Weight kg	PGM - Scale 1:25	Drawn TS 30-1-2017 Release TS 30-1-2017

069.2430-ZRef

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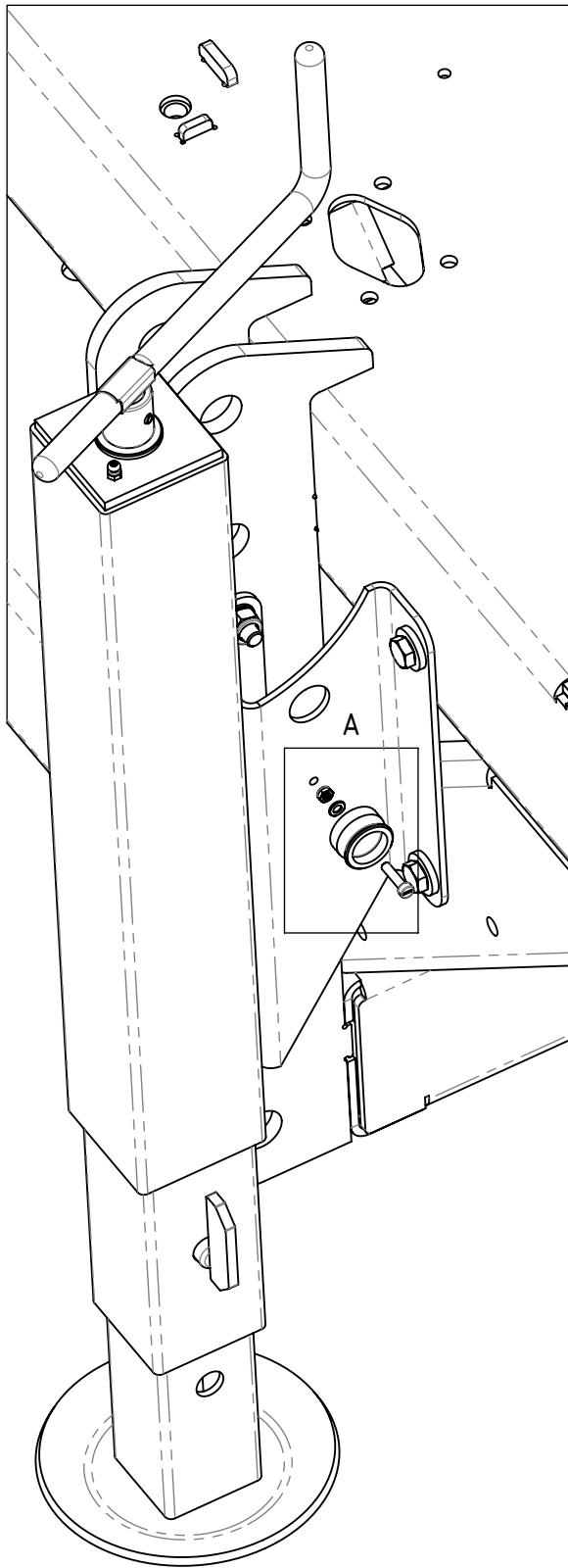


15	1	90.9855	Zelfborgende Moer M5				
14	1	90.125A5	Sluitring M5				
13	1	90.84520	Metaalschroef Cil.Kop M5x20				
12	1	069.2430.12	Slang HSKPQ10 ZL= 4500	PGLO 10-18 PGLO 10-18-90			
11	1	069.2430.11	Slang HSKPQ10 ZL= 720	PGLO 10-18 PGLO 10-18-90			
10	1	069.2430.10	Slang HSKPQ10 ZL= 2200	PN 10-6 PGLO 10-18			
6	4	KR.GES12LM18	Rechte Inschroefkoppeling Metr				
5	1	KR.GES12LR38	Rechte Inschroefkoppeling BSP				
4	1	KR.BC30100	Cilinder EPL30-100/250	(CEMAGREF certificate)			
3	1	069.2420.01	Notbremsventil NBV06M-15V				
2	1	KR.TT06	USIT-ring 3/8"				
1	1	KR.VF038GASF	Koppelhuis V.Remsysteem	3/8"			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

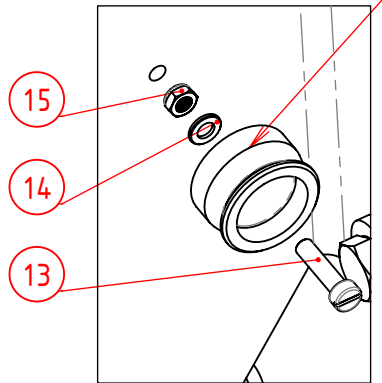
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Hydraulisch Remsysteem CH				
					069.2430	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks - Qty per Machine Weight kg	PGM - Scale 1:1	Drawn PCL 7-7-2016 Release PV 5-4-2017	Sheet 1/2 Revision -	

069.2430 - Zref


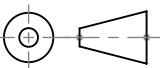
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Storage connection for POS.1



A (1 : 2)

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Hydraulisch Remsysteem CH					
					069.2430		
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	DO NOT SCALE DRAWING		Remarks - Qty per Machine 1	Weight 454.35 kg	PGM - Scale 1:4	Drawn PCL 7-7-2016 Release PV 5-4-2017	Sheet 2/2 Revision -

069.3000-Zref

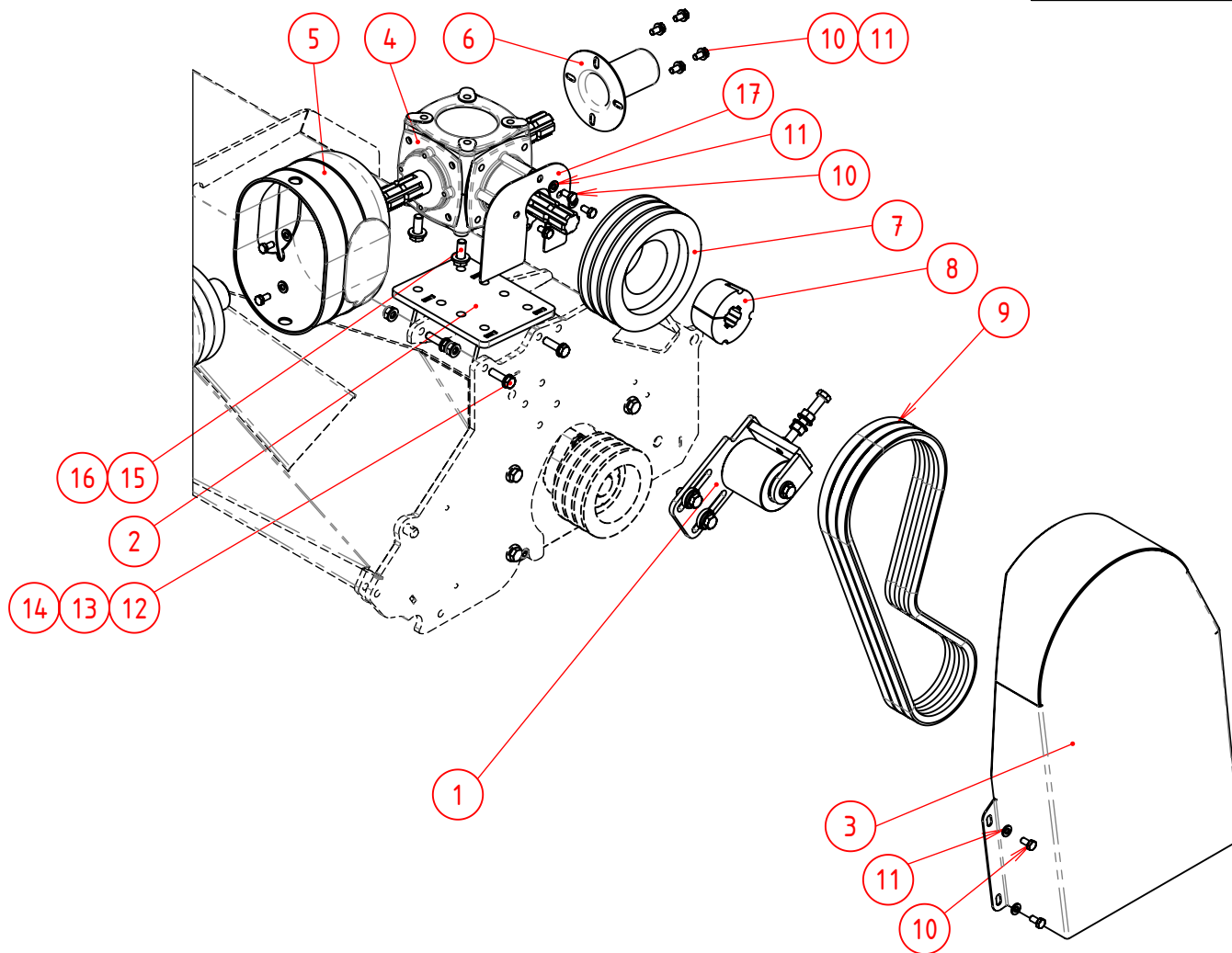
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Art. 069.3200.80 was 069.3200.30	31-10-17	TS
B	Pos.17 toegevoegd	19-12-17	TS

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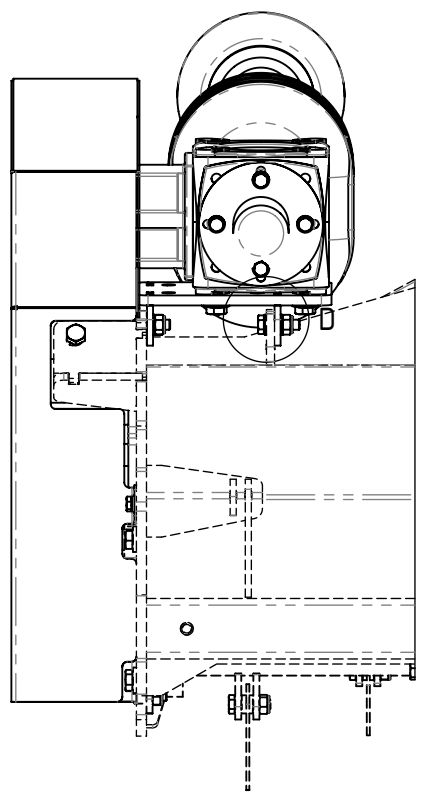
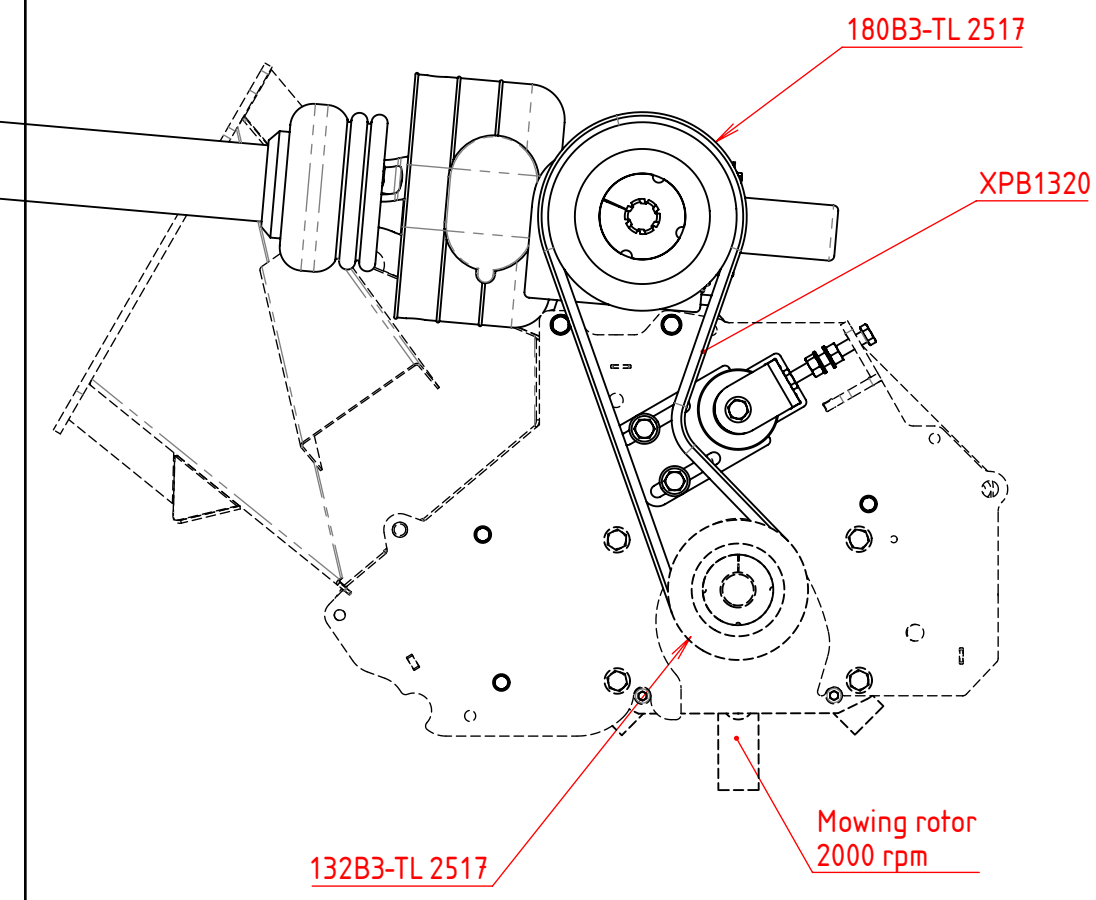
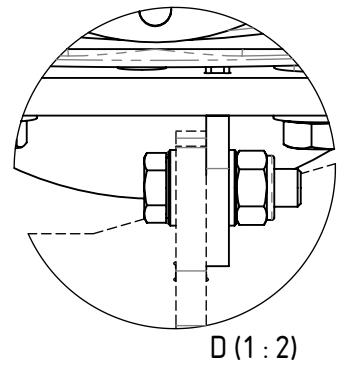
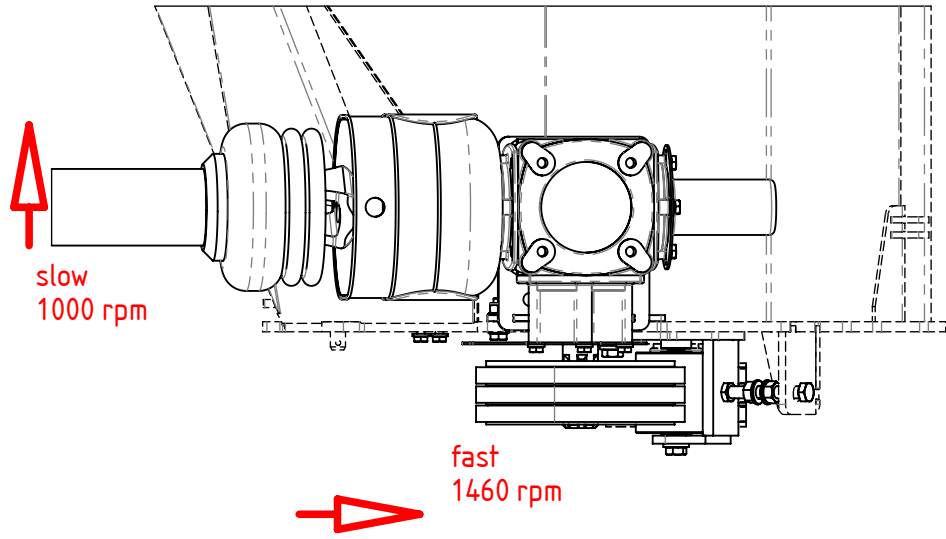


17	1	069.3200.84	Afschermrand					
16	4	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter				
15	4	90.9331230	Tapbout M12x30					
14	8	90.125A10	Sluitering M10					
13	4	90.98510	Zelfborgende Moer M10					
12	4	90.9331035	Tapbout M10x35	8.8				
11	12	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter				
10	12	90.933816	Tapbout M8x16					
9	3	90.XPB1320	V-snaar XPB 1320					
8	1	KR.2517138TL	Klembus TP 2517-Ø1 3/8" SP6					
7	1	KR.180B3TL	V-snaarschijf 180B-3 TL	Taperlock 2517				
6	1	KR.190000484	Beschermhuls Aftakasstomp					
5	1	KR.826400	Beschermkap met deksel					
4	1	KR.259000	Twkast 1:1.46 T-19A Gevuld	3x Ø1 3/8" Aseinden				
3	1	069.3200.80	Beschermkap Borstelmond					
2	1	069.1031.60	Tandwielkaststeun S4					
1	1	056.1006.30	Spanner cmpl					
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cL Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Haakse overbrenging compleet 2000 rpm (maaien/verticut)			
				069.3000	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks - Qty per Machine Weight 241.00 kg	PGM - Scale 1:10	Drawn PCL 24-3-2017 Release TS 19-12-2017	Sheet 1/2 Revision B

069.3000-ZRef

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TRILO		Brush Rotor	Flail & Verticut	Heavy Duty Flail
	500-50R17 Max Tyre Load at 40 km/h			
		400 rpm	2000 rpm	1660 rpm
Pressure [bar]	Per Axle [kg]	125 B3	180 B3	150 B3
1.6	3480			
2.0	4550	212 B3	132 B3	132 B3
2.4	5080			
S4		XPB 1320	XPB 1320	XPB 1250
069 5000.06				

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Haakse overbrenging compleet
 2000 rpm (maaien/verticut)

Remarks	-	PGM	-
Qty per Machine		Scale	1:7.5
Weight	241.00 kg	Drawn	PCL 24-3-2017
		Release	TS 19-12-2017

TRILO

069.3000

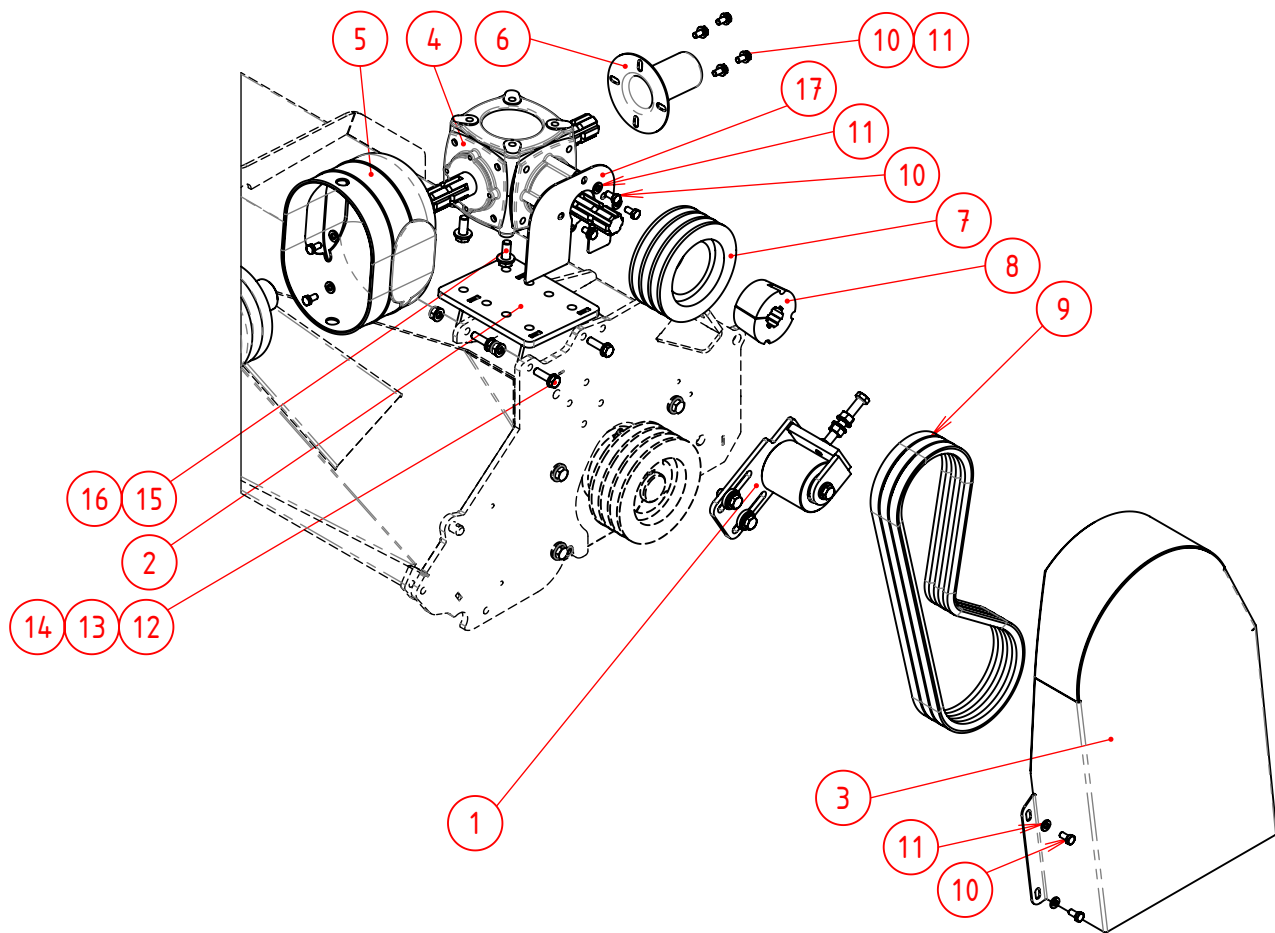
Sheet	2/2
Revision	B

069.3001 - Z-Ref

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Toerental verhoogd van 1400 naar 1660: XPB 1320 gewijzigd naar XPB1250	6-9-2017	PCL
B	Art. 069.3200.80 was 069.3200.30	31-10-17	TS
C	Pos. 17 toegevoegd	19-12-17	TS

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17	1	069.3200.84	Afschertrand					
16	4	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter				
15	4	90.9331230	Tapbout M12x30					
14	8	90.125A10	Sluitering M10					
13	4	90.98510	Zelfborgende Moer M10					
12	4	90.9331035	Tapbout M10x35	8.8				
11	12	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter				
10	12	90.933816	Tapbout M8x16					
9	3	90.XPB1250	V-snaar XPB 1250					
8	1	KR.2517138TL	Klembus TP 2517-Ø1 3/8" SP6					
7	1	KR.150B3TL	V-snaarschijf 150B-3 tl	Taperlock 2517				
6	1	KR.190000484	Beschermhuls Aftakasstomp					
5	1	KR.826400	Beschermkap met deksel					
4	1	KR.259000	Twkast 1:1.46 T-19A Gevuld	3x Ø1 3/8" Aseinden				
3	1	069.3200.80	Beschermkap Borstelmond					
2	1	069.1031.60	Tandwielkaststeun S4					
1	1	056.1006.30	Spanner cmpl					
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Haakse overbrenging compleet
 1660 rpm (HD maaien)

Remarks	-	PGM	-
Qty per Machine		Scale	1:11
Weight	267.55 kg	Release	TS 19-12-2017

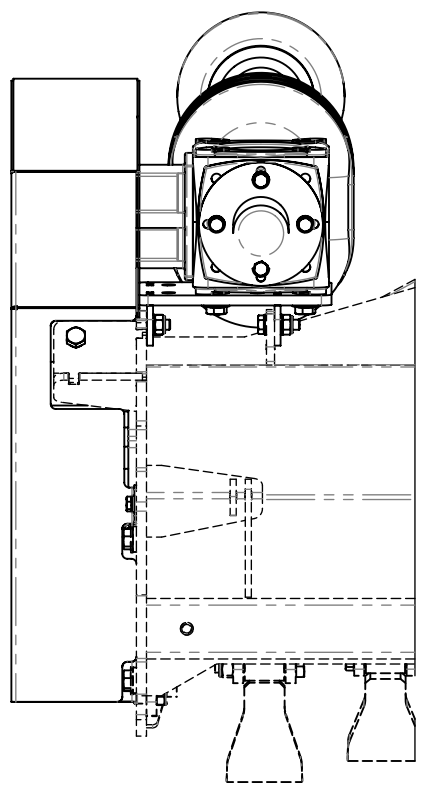
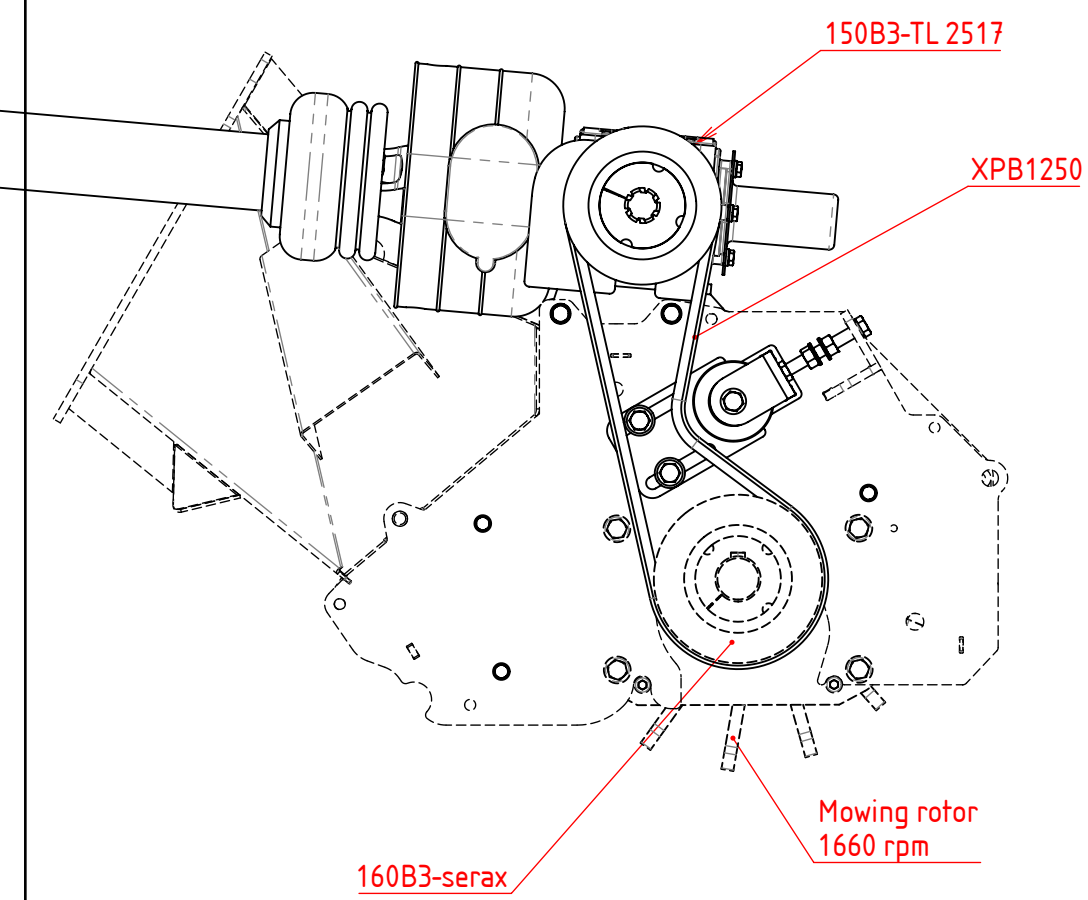
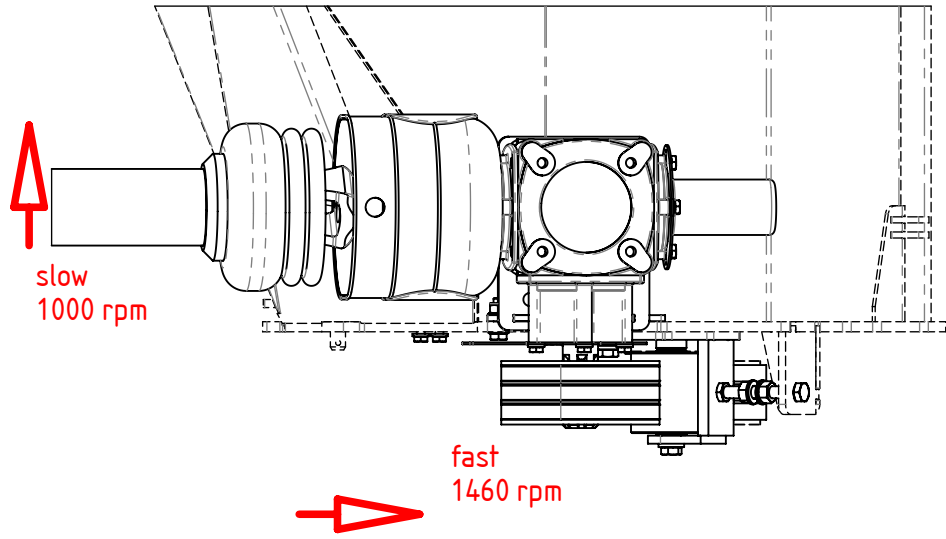
TRILO











069.3001

Drawn	PV	1-7-2016	Sheet	1/2
Revision			Revision	C

069.3001-ZRef

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TRILO	Brush Rotor	Flail & Verticut	Heavy Duty Flail
 500-50R17 Max Tyre Load at 40 km/h			
	400 rpm	2000 rpm	1660 rpm
Pressure [bar]			
Per Axle [kg]			
1.6	3480		
2.0	4550		
2.4	5080		
	 125 B3	 180 B3	 150 B3
	 212 B3	 132 B3	 132 B3
S4	XPB 1320	XPB 1320	XPB 1250
<small>069.5000.06</small>			

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Haakse overbrenging compleet

1660 rpm (HD maaien)

Remarks	-	PGM	-
Qty per Machine		Scale	1:7.5
Weight	267.55 kg	Drawn	PV 1-7-2016
		Release	TS 19-12-2017

TRILO

069.3001

Sheet 2/2
 Revision C

069.3002-Zref

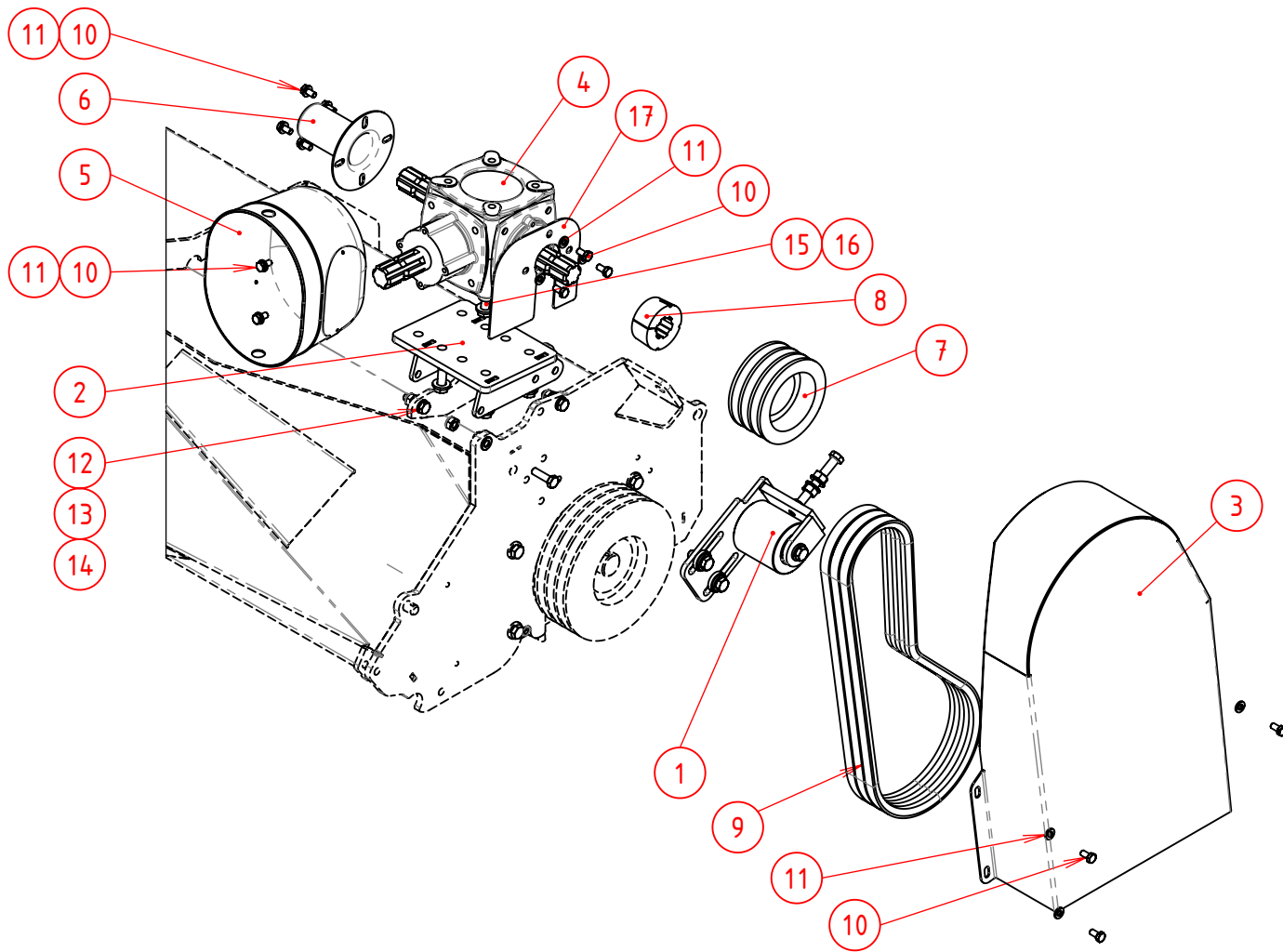
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Art. 069.3200.80 was 069.3200.30	31-10-17	TS
B	pos. 17 toegevoegd	20-12-17	TS

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17	1	069.3200.84	Afschermrand					
16	4	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter				
15	4	90.9331230	Tapbout M12x30					
14	4	90.98510	Zelfborgende Moer M10					
13	8	90.125A10	Sluitring M10					
12	4	90.9331035	Tapbout M10x35	8.8				
11	12	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter				
10	12	90.933816	Tapbout M8x16					
9	3	90.XPB1320	V-snaar XPB 1320					
8	1	17.10100	Klembus TP 2012-Ø1 3/8" Spline					
7	1	KR.125B3TL	V-snaarschijf 125B-3 TL	Taperlock 2012				
6	1	KR.190000484	Beschermhuls Aftakasstomp					
5	1	KR.826400	Beschermkap met deksel					
4	1	KR.259000	Twkast 1:1.46 T-19A Gevuld	3x Ø1 3/8" Aseinden				
3	1	069.3200.80	Beschermkap Borstelmond					
2	1	069.1031.60	Tandwielkaststeun S4					
1	1	056.1006.30	Spanner cmpl					
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

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Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Haakse overbrenging Compleet

400 rpm [Borstelen]

Remarks	-	PGM	-
Qty per Machine		Scale	1:10
Weight	221.33 kg	Release	TS 20-12-2017

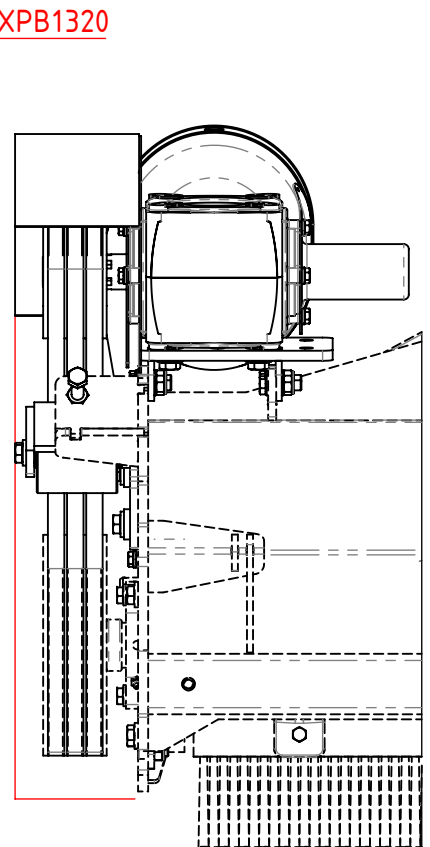
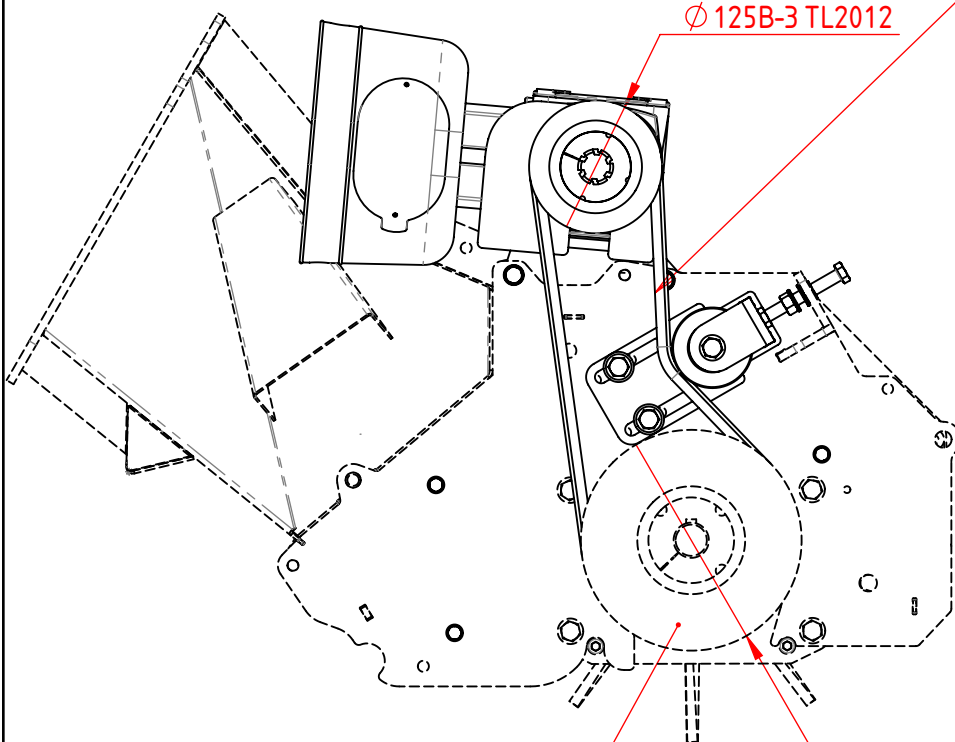
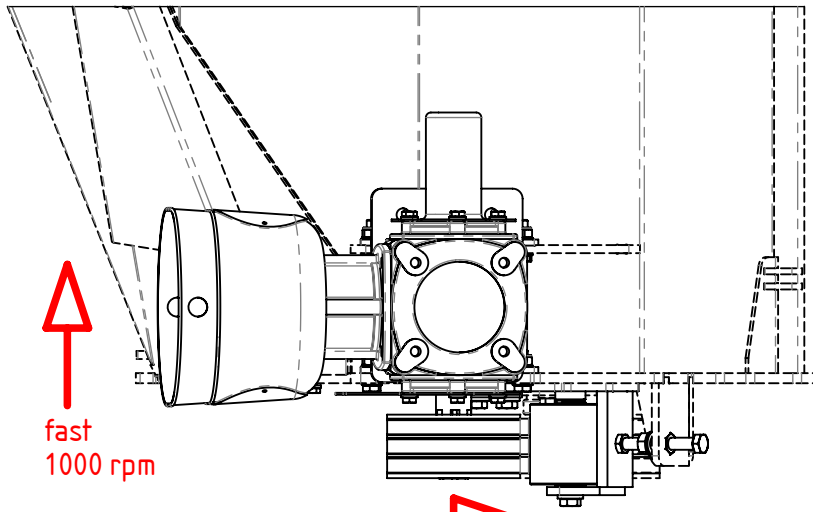
TRILO

069.3002

Drawn	PV	1-7-2016	Sheet	1/2
Revision			Revision	B

069.3002-Zref

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Brush
400 rpm

212B-3 TL 2517

	Brush Rotor 400 rpm	Flail & Verticut 2000 rpm	Heavy Duty Flail 1660 rpm	
	500-50R17 Max Tyre Load at 40 km/h	125 B3 	180 B3 	150 B3
	Pressure Per Axle [bar] 1.6 3480 2.0 4550 2.4 5080	212 B3 	132 B3 	132 B3
		XPB 1320	XPB 1320	XPB 1250

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Haakse overbrenging Compleet

400 rpm [Borstelen]

Remarks	-	PGM	-
Qty per Machine	Weight	Scale	1:7.5
	221.33 kg		

069.3002

Drawn	PV	1-7-2016	Sheet	2/2
Release	TS	20-12-2017	Revision	B

069.3003-Zref

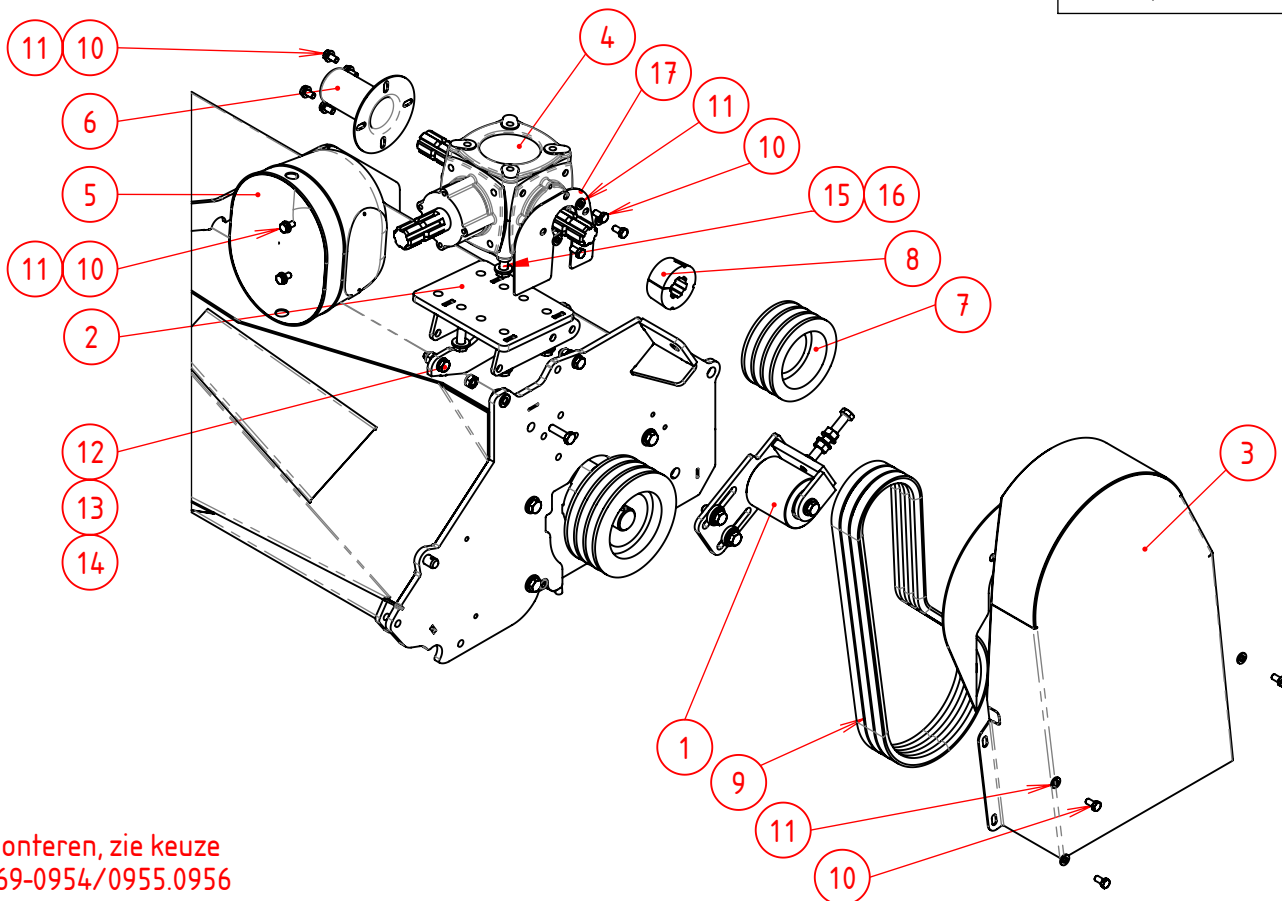
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Art. 069.3200.80 was 069.3200.30	31-10-17	TS

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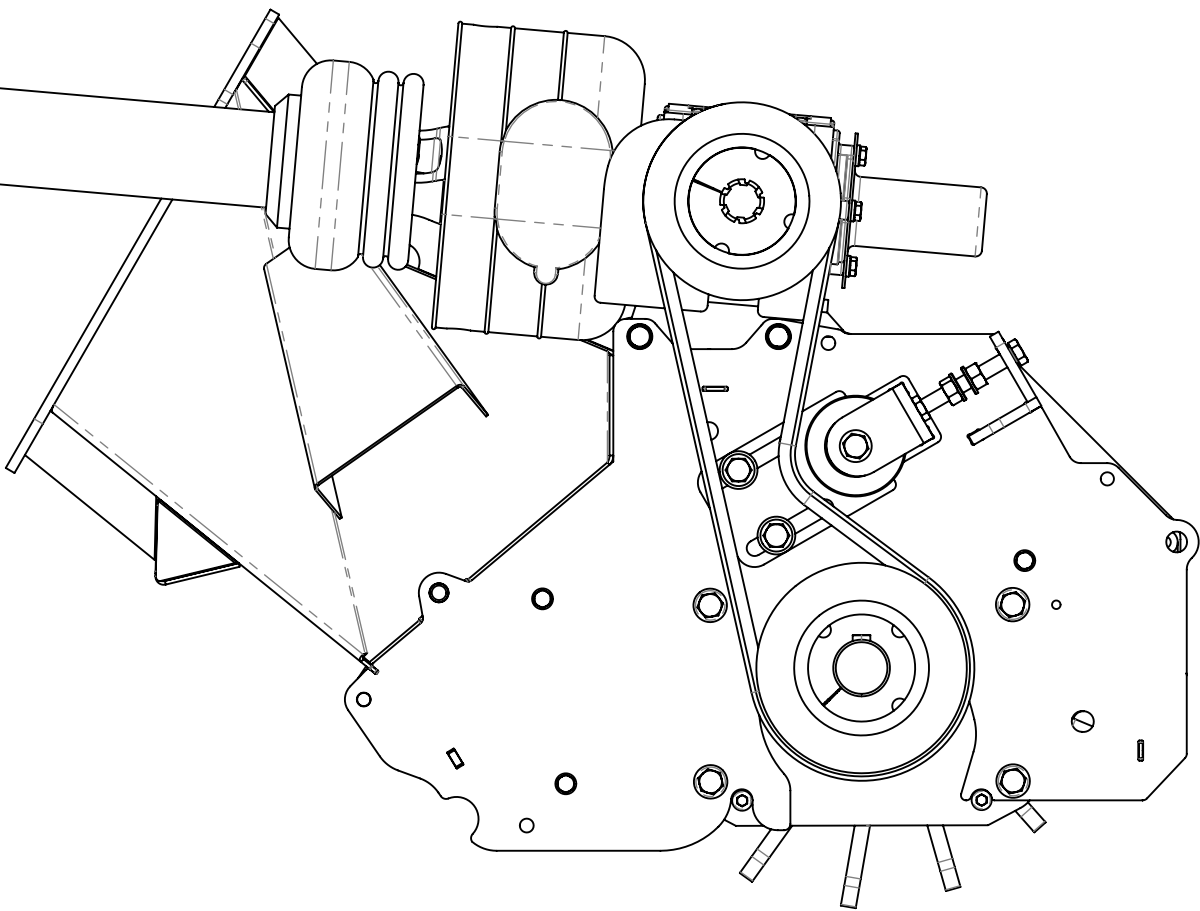
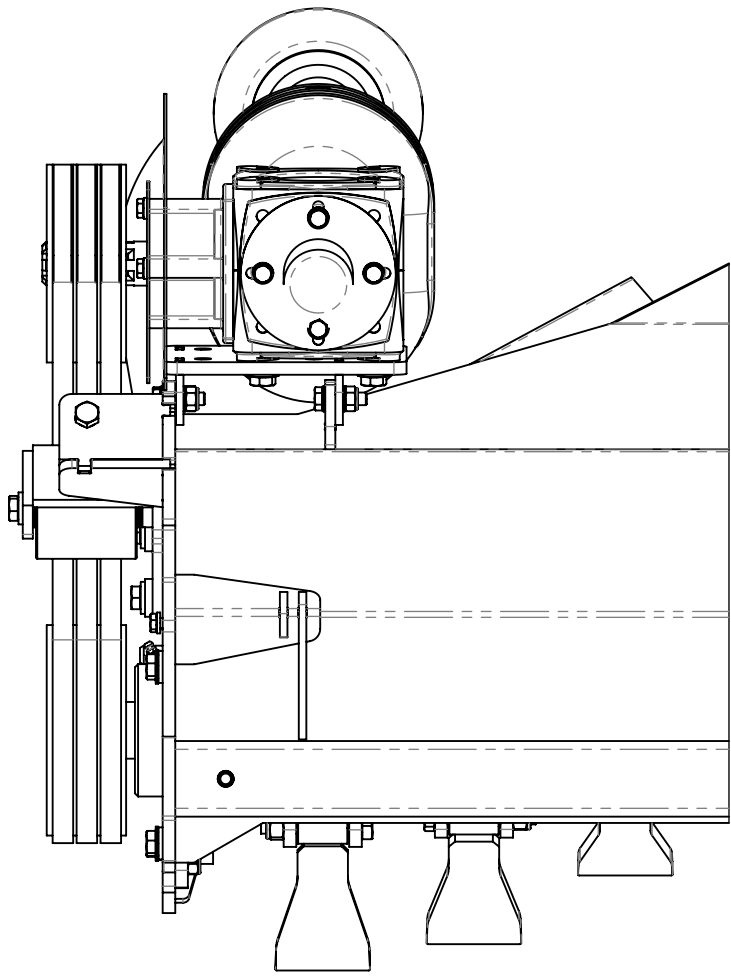
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AC..69-0954/0955.0956

22	3	90.XPB1250	V-snaar XPB 1250				
21	1	KR.2517138TL	Klembus TP 2517-Ø1 3/8" SP6			**	
20	1	KR.180B3TL	V-snaarschijf 180B-3 TL	Taperlock 2517		**	
19	1	KR.150B3TL	V-snaarschijf 150B-3 tl	Taperlock 2517		**	
17	1	069.3200.84	Afschertrand				
16	4	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
15	4	90.9331230	Tapbout M12x30				
14	4	90.98510	Zelfborgende Moer M10				
13	8	90.125A10	Sluistring M10				
12	4	90.9331035	Tapbout M10x35	8.8			
11	12	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
10	12	90.933816	Tapbout M8x16				
9	3	90.XPB1320	V-snaar XPB 1320				
8	1	17.10100	Klembus TP 2012-Ø1 3/8" Spline			**	
7	1	KR.125B3TL	V-snaarschijf 125B-3 TL	Taperlock 2012		**	
6	1	KR.190000484	Beschermhuls Aftakasstomp				
5	1	KR.826400	Beschermkap met deksel				
4	1	KR.259000	Twkast 1:1.46 T-19A Gevuld	3x Ø1 3/8" Aseinden			
3	1	069.3200.80	Beschermkap Borstelmond				
2	1	069.1031.60	Tandwielkaststeun S4				
1	1	056.1006.30	Spanner cmpl				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Aandrijflijn Borstel & Maaien					
					Remarks - Qty per Machine	Weight 215.72 kg	PGM - Scale 1:11

069.3003 - Zref

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Tolerances unless stated:
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 Sheet-Metal Bending:
 ISO 2768-cl

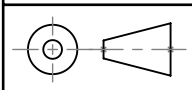
Aandrijflijn Borstel & Maaien



069.3003

Remove welding spatter
 Sheet metal unscratched
 Deburr / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



Remarks	-
Qty per Machine	Weight
	kg

PGM	-
Scale	1:6

Drawn	STAGE	14-12-2016
Release	PCL	22-2-2018

Sheet	2/3
Revision	B









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Bij 1e montage afleveren afhankelijk van klantkeuze:

AC.69-0954

AC.69-0956

AC.69-0955

		Brush Rotor  400 rpm	Flail & Verticut  2000 rpm	Heavy Duty Flail  1660 rpm
 500-50R17 Max Tyre Load at 40 km/h				
Pressure Per Axle [bar] [kg]				
1.6 3480 2.0 4550 2.4 5080				
		125 B3  212 B3	180 B3  132 B3	150 B3  132 B3
S4 069.5000.06		XPB 1320	XPB 1320	XPB 1250

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

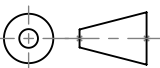
Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

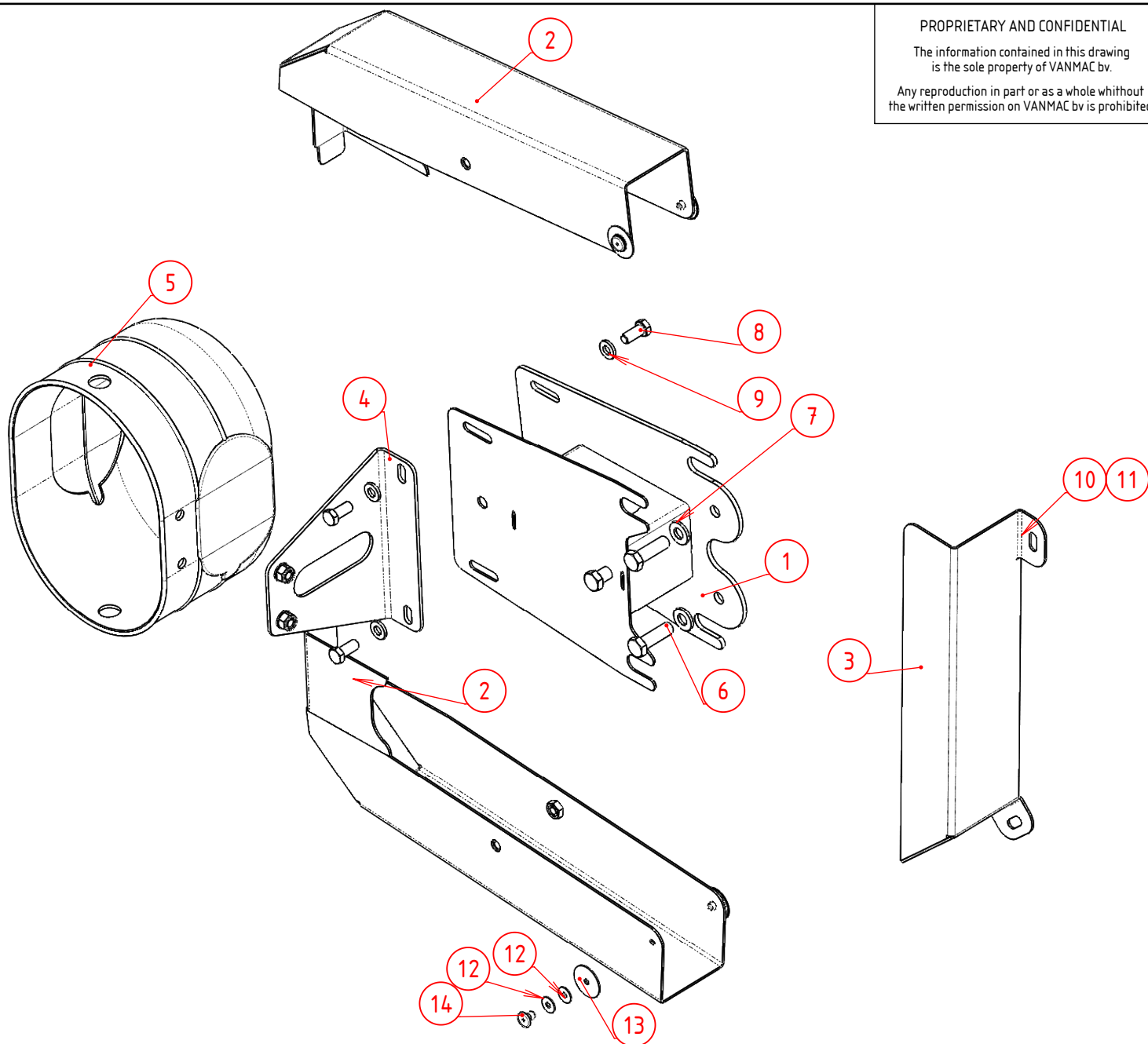
DO NOT SCALE DRAWING

Aandrijflijn Borstel & Maaien			
	Remarks	-	PGM
	Qty per Machine	Weight	Scale
		kg	1:6

	
069.3003	
Drawn STAGE 14-12-2016	Sheet 3/3
Release PCL 22-2-2018	Revision B

069.3201.01-ZRev

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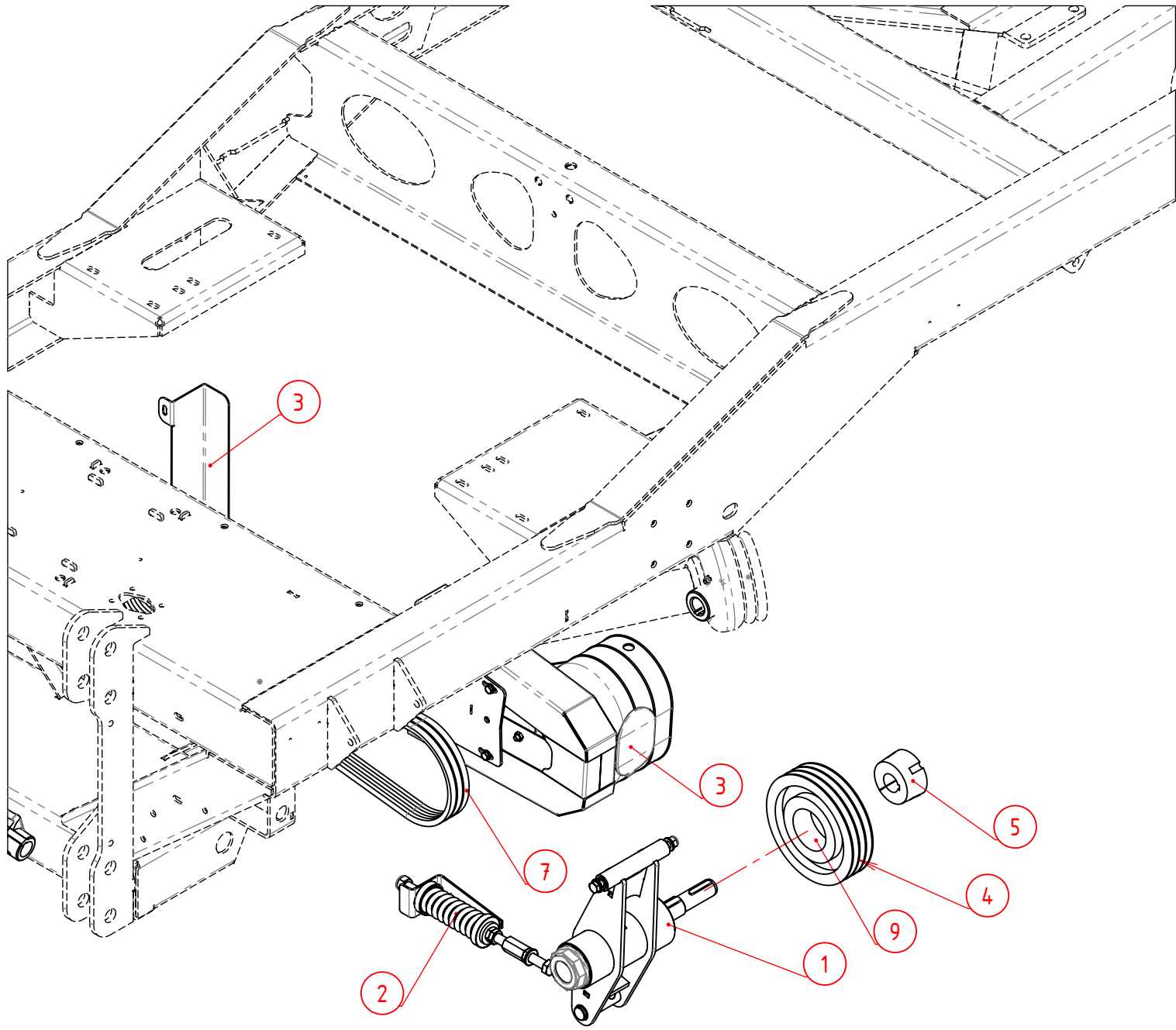
14	2	40.18230	Blindklinknagel 5x16 Aluminium	Gesipa Alu/Staal			
13	2	90.5255	Carr.Ring M5	Ø30x5.2x1.25			
12	4	90.9021A5	Carr.Ring M5	Ø15 Gat Ø5.2 x 1.2			
11	4	90.125A8	Sluitering M8				
10	2	90.9858	Zelfborgende Moer M8				
9	6	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
8	8	90.933816	Tapbout M8x16				
7	3	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
6	3	90.9331016	Tapbout M10x16				
5	1	069.3200.70	Beschermkap				
4	1	KR.826400	Beschermkap met deksel				
3	1	069.3201.04	Steun Beschermkap				
2	2	069.3201.05	Beschermkap				
1	1	069.3201.02	Houder Beschermkappen				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Beshermkappen -				
				Remarks Qty per Machine	Weight 3.16 kg	PGM Scale 1:5

069.3201.01

069.3201-Zref

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9	1	90.988354505	Opvulring 35x45x0.5				
8	2	90.988354510	Opvulring 35x45x1.0				
7	3	90.XPA1800	V-Snaar XPA1800				
6	1	JD.EPC032310	Disk				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.200A3TL	V-snaarschijf 200A-3 TL	Taperlock 2517			
3	1	069.3201.01	Beschermkappen Nevenaandr.	Hydraulisch			
2	1	069.3300.06	Spanveer frontaandrijving				
1	1	069.3240.20	Spanner S4	Aandrijving zuigmond			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Nevenaandrijving borstelmond
 icm Hydraulische aandrijving

Remarks

Qty per Machine

Weight

471.70 kg

PGM

Scale

1:10

TRILO

069.3201

Drawn PCL 10-3-2017 Sheet 1/1

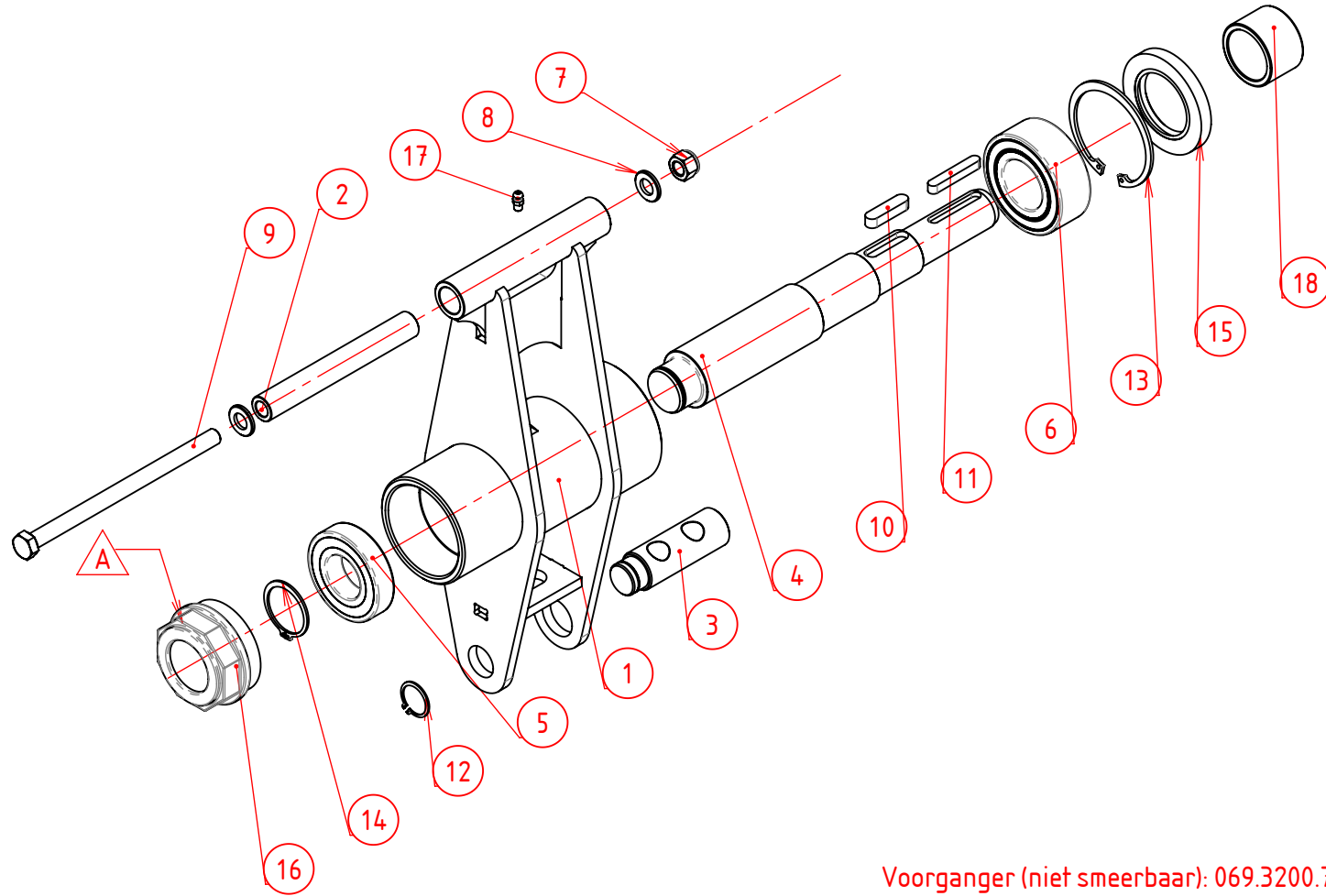
Release PV 15-6-2017 Revision -

069.3240.20 - Zref

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Toegevoegd: Seegerringen , Naafdop, Keerring, Vetrnippel, vulbus	27-3-2017	PCL

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Voorganger (niet smerbaar): 069.3200.73

18	1	069.3300.05	Bus 50x5 L=33				
17	1	KR.GN61180	Vetrnippel M6 180°				
16	1	KR.912T72	Naafdop 72mm				
15	1	KR.508010CC	Oliekeerring 50x80x10cc				
14	1	90.47135	Seegerring As35				
13	1	90.47280	Seegerring Huis 80				
12	1	90.47125	Seegerring As25				
11	1	90.68858736	Inlegspie 8x7x36				
10	1	90.688510840	Inlegspie 10x8x40				
9	1	90.93112190	Zeskantbout M12x190				
8	2	90.125A12	Sluitring M12				
7	1	90.98512	Zelfborgende Moer M12				
6	1	KR.3208BTVH	2-nijig Hoekcontactlager				
5	1	KR.6207	Lager 6207				
4	1	069.3300.40	Aandrijfas Ø45 L=323	Nevenaandrijving S4 Mech			
3	1	056.3000.74	Draaiaas 30mm Spanner				
2	1	056.3000.64	Bus spantafel				
1	1	069.3240.01	Spantafel LSM	S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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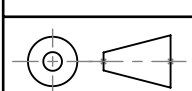
Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Spanner S4
Aandrijving zuigmond



Remarks	-	PGM	-
Qty per Machine		Weight	10.53 kg
Scale		1:5	



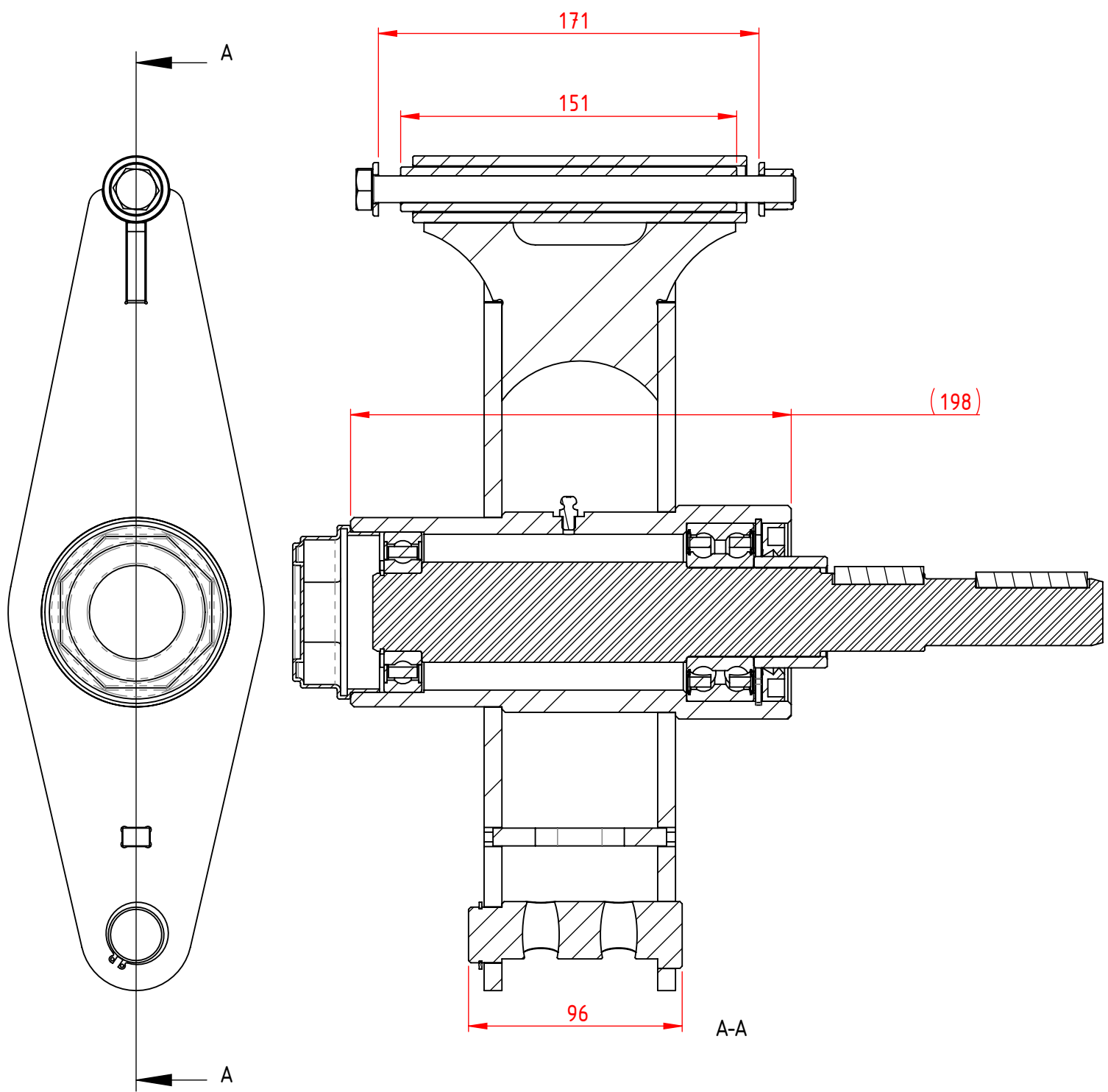
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Drawn	PCL	29-3-2017	Sheet	1/2
Release	PV	19-7-2017	Revision	A

Remove welding spatter
 Sheet metal unscratched
 Deburr / Break sharp edges

069.3240.20 - ZRef

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

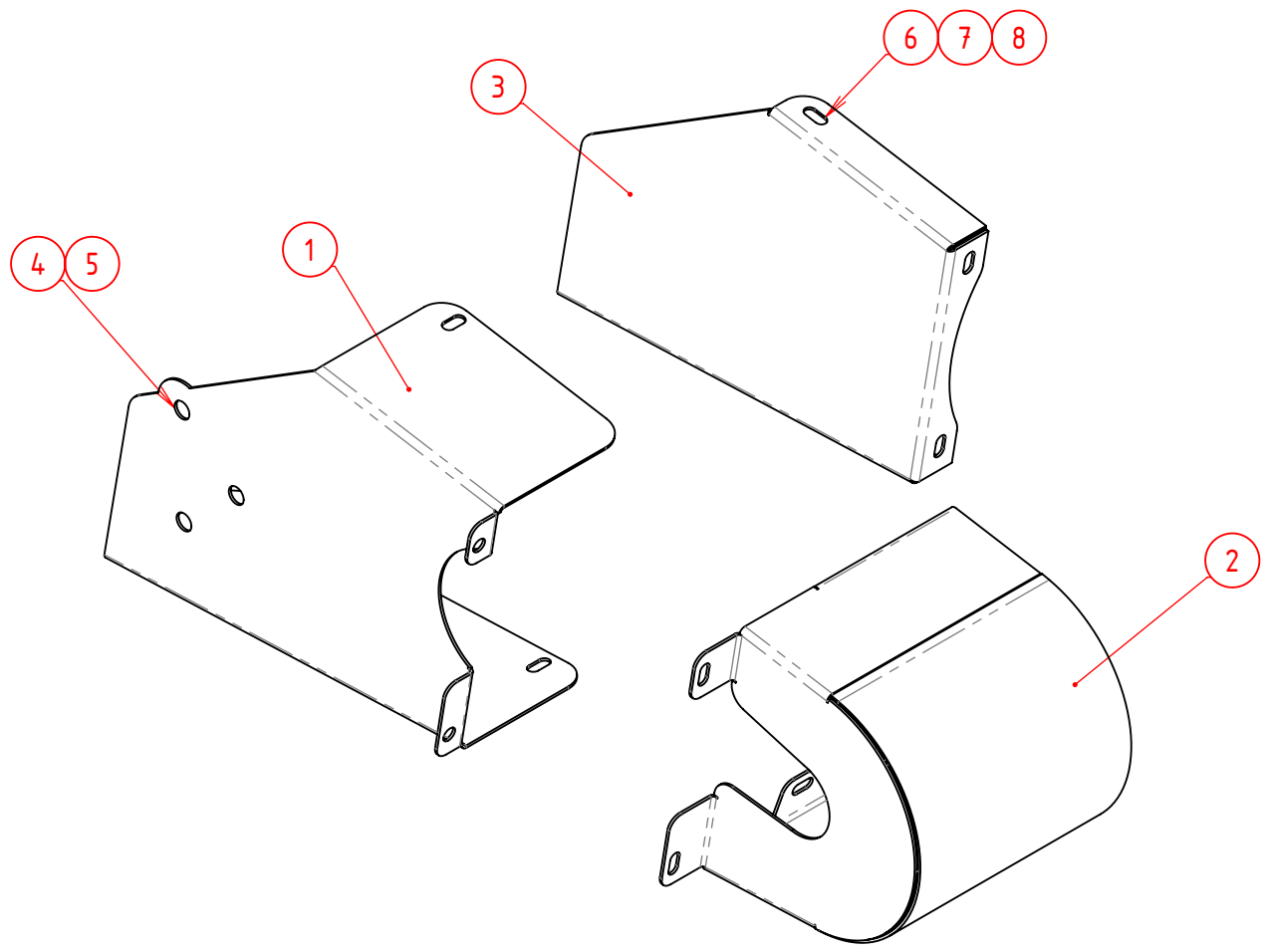
DO NOT SCALE DRAWING

Spanner S4			
Aandrijving zuigmond			
Remarks	-	PGM	-
Qty per Machine	Weight	Scale	1:2.5
	10.53 kg		

TRILO	
069.3240.20	
Drawn	PCL 29-3-2017
Release	PV 19-7-2017
Sheet	2/2
Revision	A

069.3300.02 - Zref

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8	14	90.125A8	Sluitering M8				
7	7	90.9858	Zelfborgende Moer M8				
6	7	90.933816	Tapbout M8x16				
5	3	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
4	3	90.9331016	Tapbout M10x16				
3	1	069.3300.04	Beschermkap 3 Nevenaandrijving				
2	1	069.3300.03	Beschermkap 2 Nevenaandrijving				
1	1	069.3300.01	Beschermkap 1 Nevenaandrijving				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

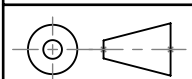
Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING

Beschermkap Nevenaandrijving



069.3300.02

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges



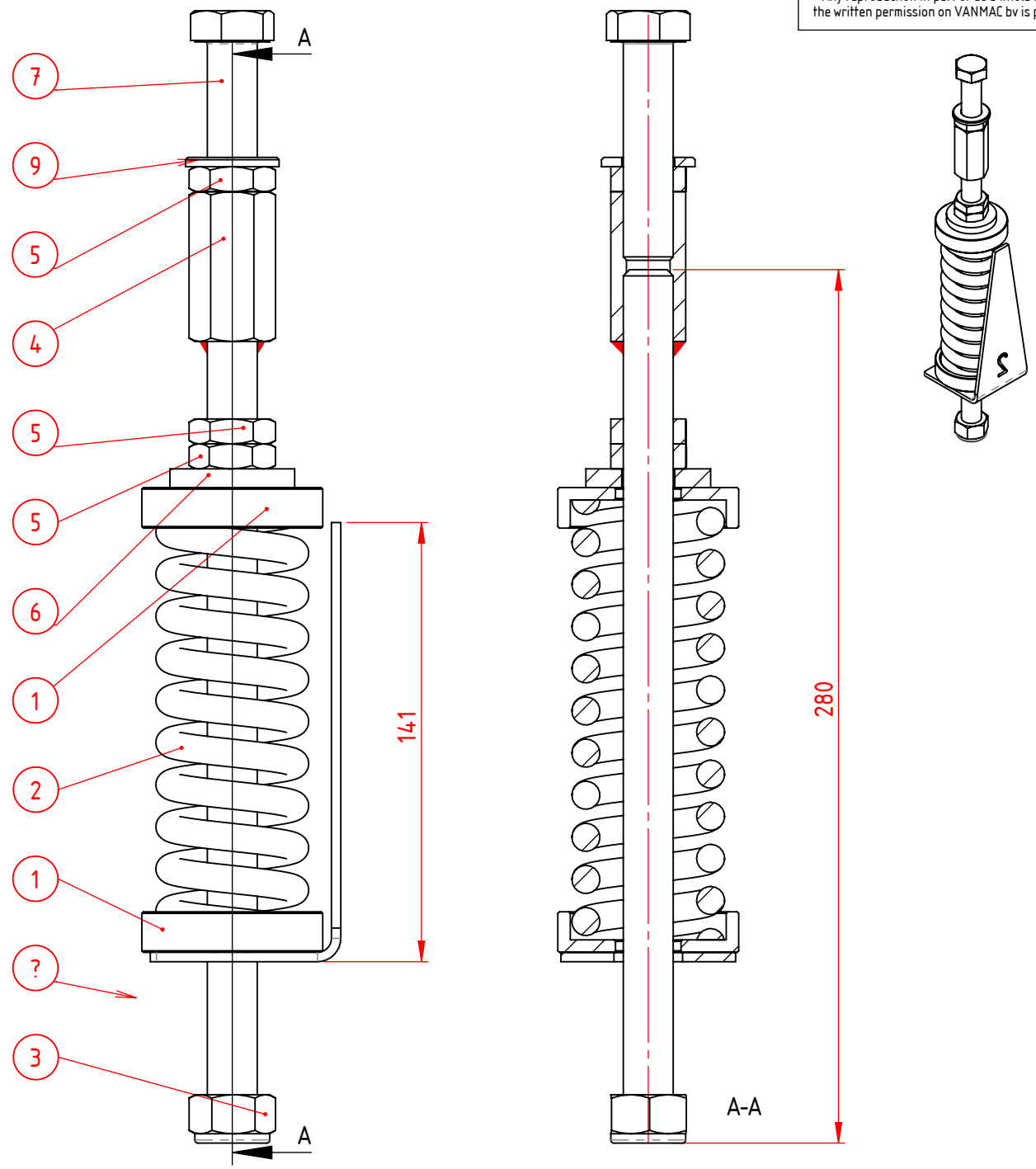
Remarks	PGM	-
Qty per Machine	Weight	0.70 kg

Scale	1:5
-------	-----

Drawn	PCL	6-6-2017	Sheet	1/1
Release	PCL	6-6-2017	Revision	-

069.3300.06-Zref

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9	1	90.125A16	Sluitring M16				
8	1	056.3000.63	Spanningsmarkeur 2	Wings en Waaier			
7	1	90.9331670	Tapbout M16x70				
6	1	90.734916	Sluitring Zwaar M16 Verz.	DIN 7349			
5	3	90.93616	Lage Moer M16				
4	1	056.3000.54	Draadeind M16 + VerbindingsM	L=280			
3	1	90.98516	Zelfborgende Moer M16				
2	1	FA.VF06215456	Drukveer				
1	2	JD.EPC032310	Disk				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Spanveer frontaandrijving				
					069.3300.06	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 0.62 kg	PGM Scale 1:2	Drawn PV 15-6-2017 Release PV 15-6-2017	Sheet 1/1 Revision A

069.3300-ZRef

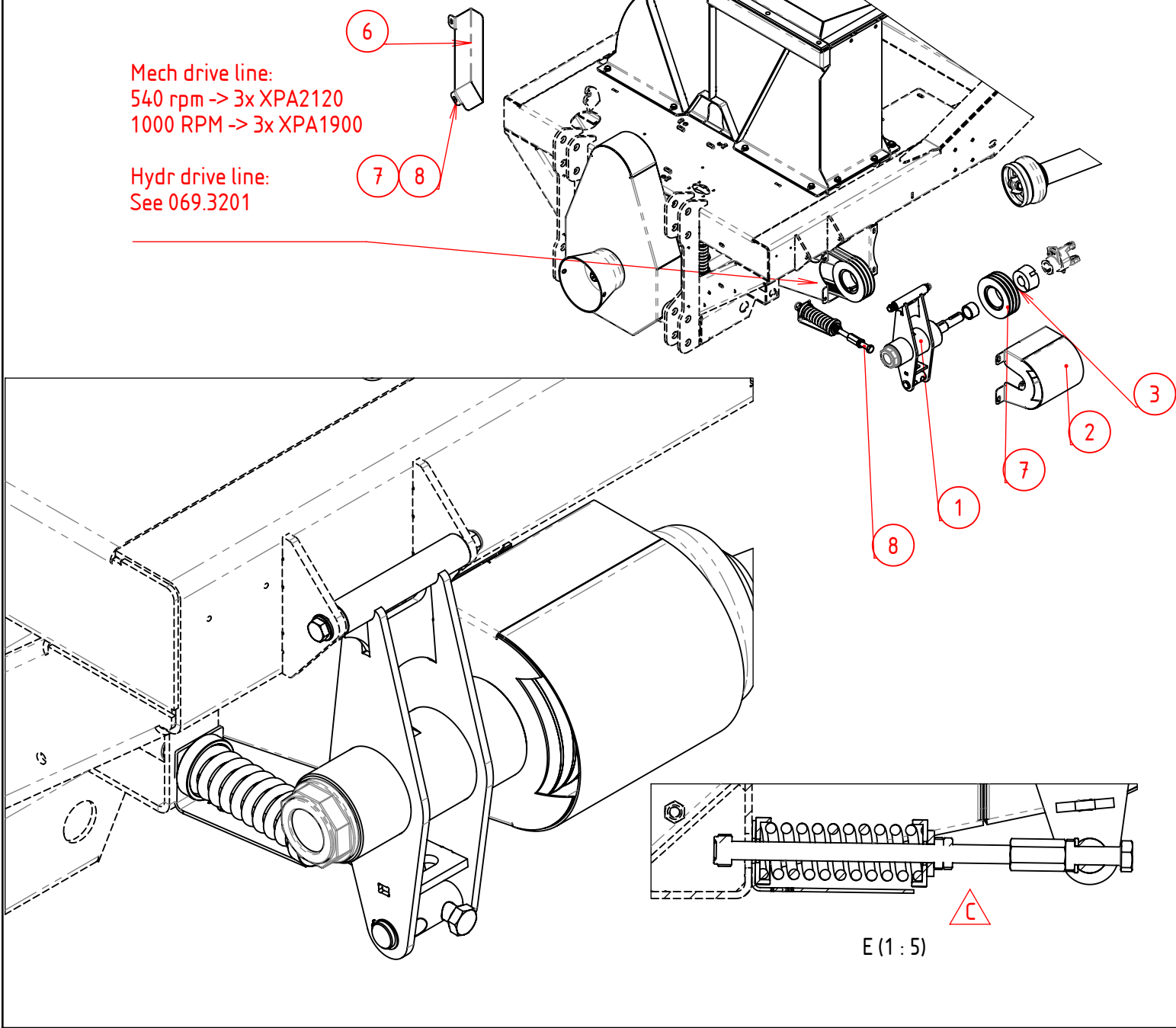
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Nieuwe beschermkap	1-6-2017	PCL
B	Serax 150A3 vervangen door Taperlock 150A3	1-5-2017	PCL
C	markeur gewisseld van 056.3000.62 naar 056.3000.63	15-6-2017	PV

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Mech drive line:
 540 rpm -> 3x XPA2120
 1000 RPM -> 3x XPA1900

Hydr drive line:
 See 069.3201



Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
8	2	90.933816	Tapbout M8x16				
7	2	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
6	1	069.3200.70	Beschermkap				
5	1	KR.251735TL	Klembus TP 2517-Ø35				
4	1	KR.150A3TL	V-snaarschijf 150A-3 TL	Taperlock 2517			
3	1	069.3300.02	Beschermkap Nevenaandrijving				
2	1	069.3300.06	Spanveer frontaandrijving				
1	1	069.3240.20	Spanner S4	Aandrijving zuigmond			

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Nevenaandrijving borstelmond
 icm PTO aandrijving

Remarks -

Qty per Machine -

Weight 20.05 kg

PGM -

Scale 1:20

TRILO

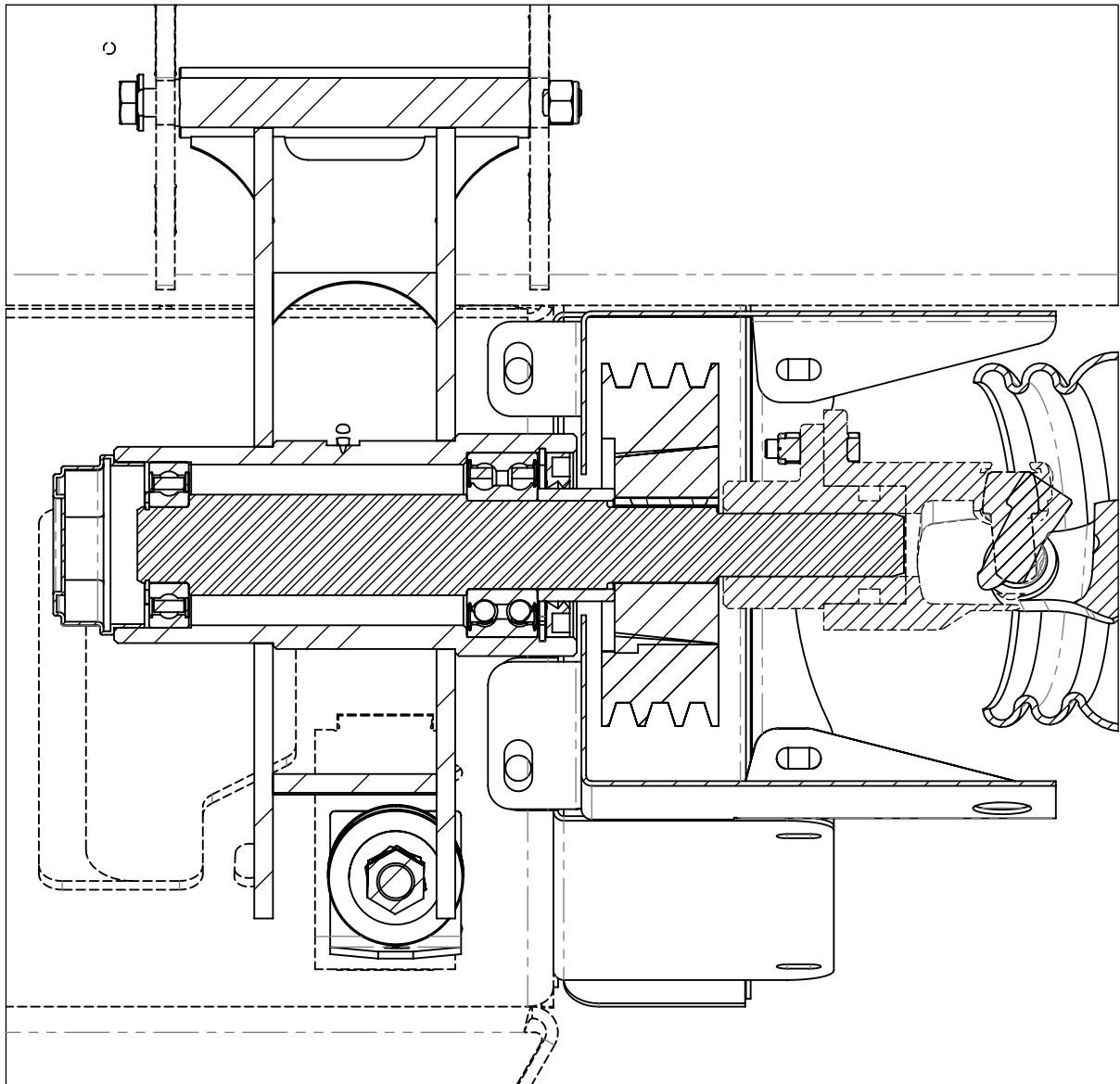
069.3300

Drawn PCL 2-6-2017 Sheet 1/3


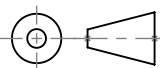
Release TS 7-12-2017 Revision C

069.3300-ZRef

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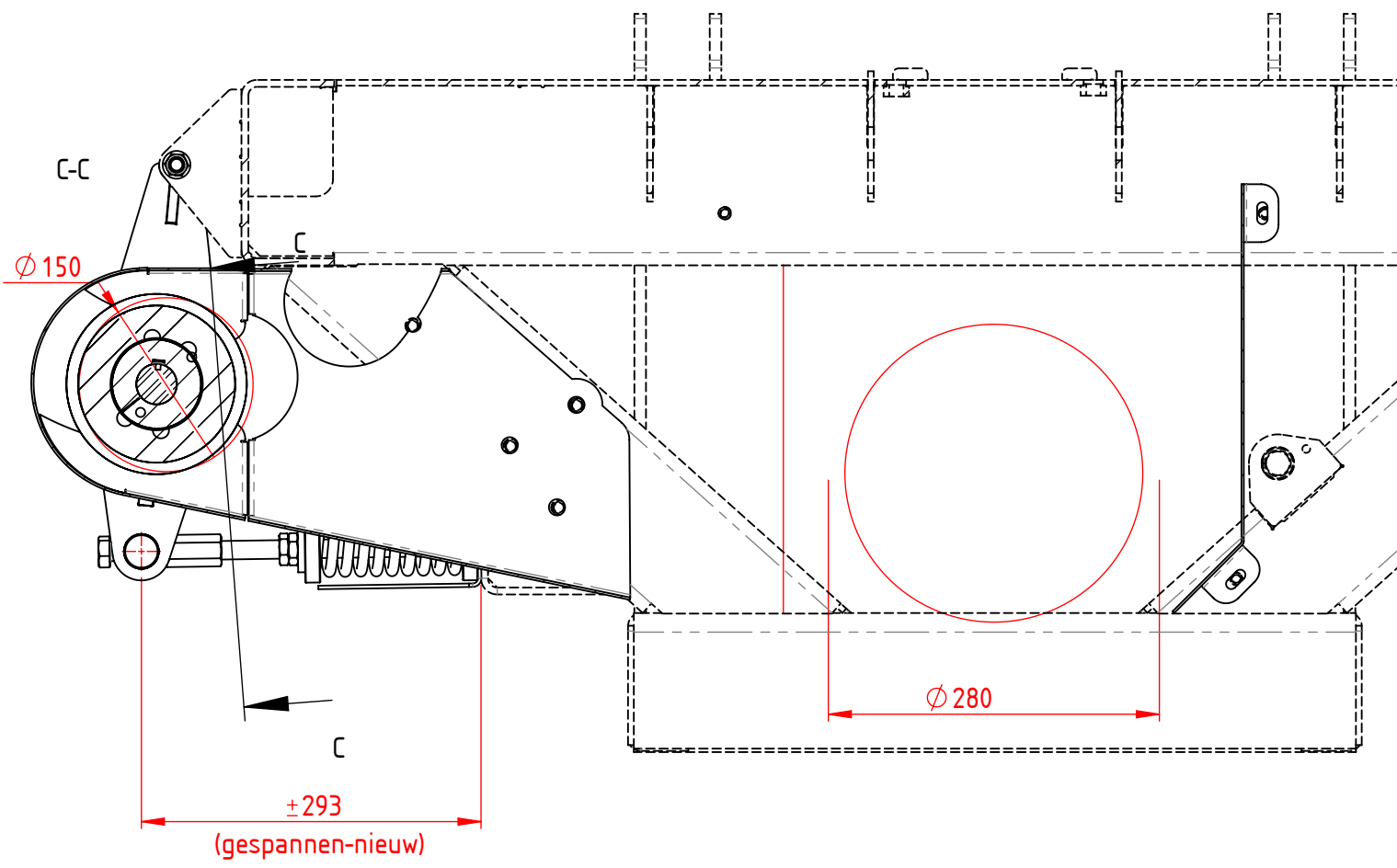
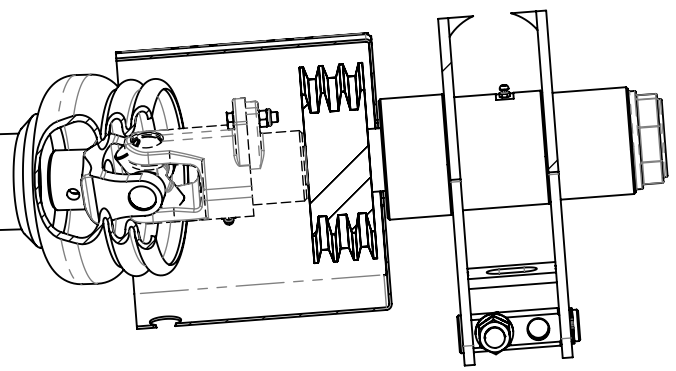


F-F (1 : 3)

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Nevenaandrijving borstelmond icm PTO aandrijving					
					069.3300		
Remove welding spatter Sheet metal unscratched Deburr / Break sharp edges			Remarks - Qty per Machine	Weight 20.05 kg	PGM - Scale 1:20	Drawn PCL 2-6-2017 Release TS 7-12-2017	Sheet 2/3 Revision C

069.3300-2Ref

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B-B

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Nevenaandrijving borstelmond
 icm PTO aandrijving

Remarks	-	PGM	-
Qty per Machine		Scale	1:6
Weight	20.05 kg		

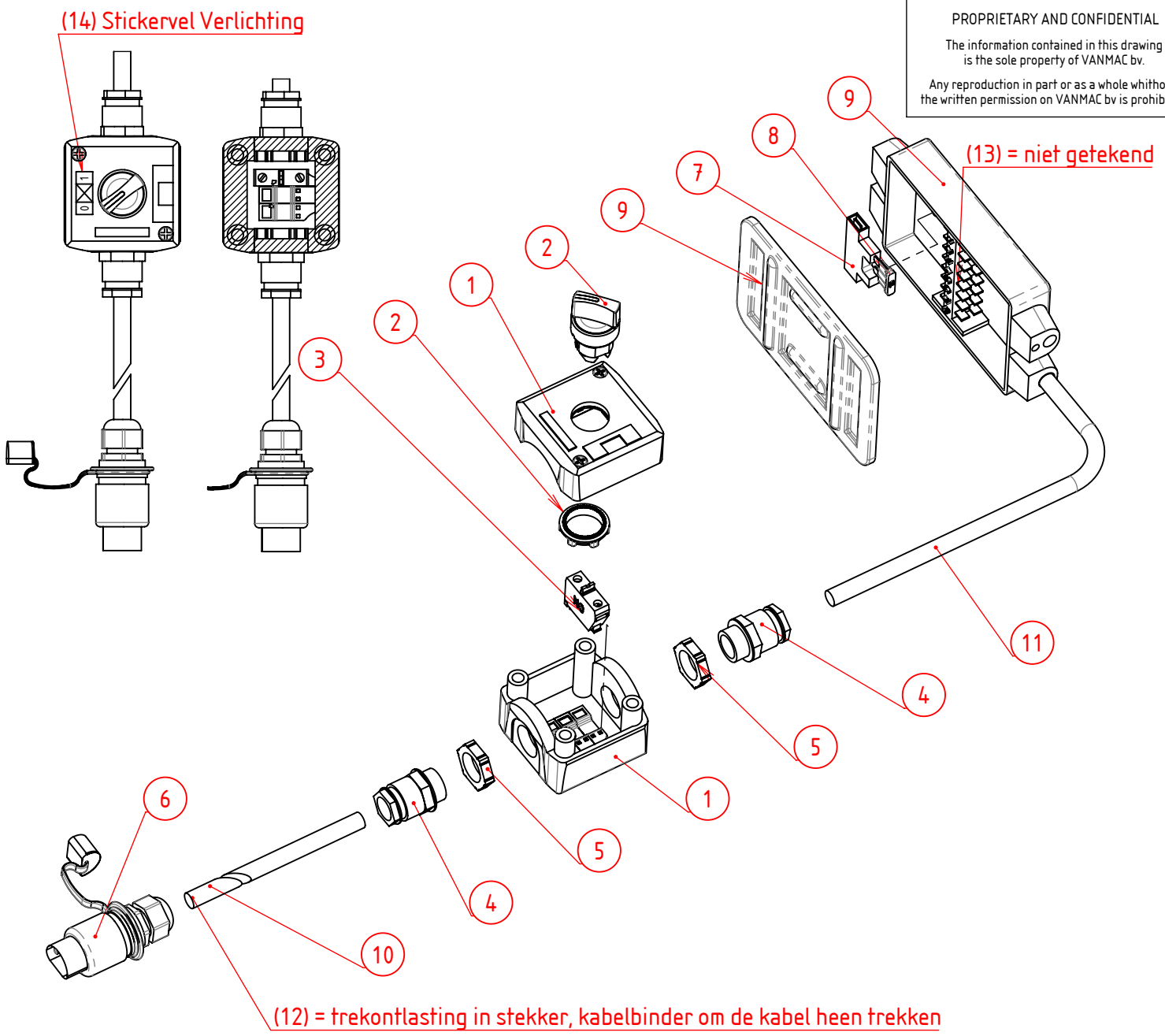
TRILO

069.3300

Drawn	PCL	2-6-2017	Sheet	3/3
Release	TS	7-12-2017	Revision	C

069.4001 - ZRef

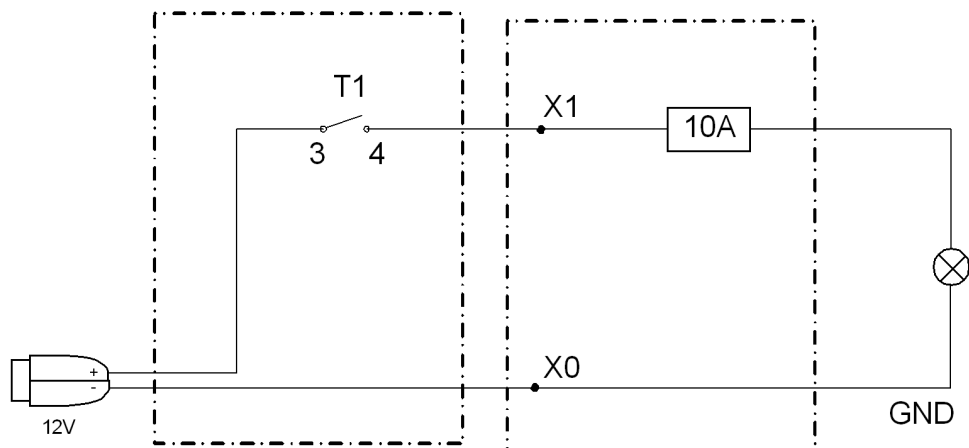
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14	1	069.4000.01	Stickervel Verlichting	ISO Pictogram 5x 13x26mm			
13	2	KR.LA9015	Vlakstekkerhuls Blauw				
12	1	KR.CT36140	Kabelbinder Zwart 3.6x140 mm				
11	1	KR.KA215	Trailerkabel 2 X 1.5		9500		
10	1	KR.KA225	Trailerkabel 2 X 2.5		2000		
9	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
8	1	KR.SI22010	Steekzekering 10Amp.	ROOD			
7	1	KR.8KV004418004	Steekzekeringhouder HELLA				
6	1	KR.25036200	Stekker 3-polig				
5	2	TU.2020774	Moer Voor Pakkingbus	M20x1.5			
4	2	TU.2020493	Pakkingbus ESKV M20x1.5	Voor kabel 6 t/m 13mm IP68			
3	1	KR.ZENL1111	Contactelement NO veerretour	Bodemmontage XALD			
2	1	KR.ZB5AD2	Keuzeschakelaar Harmony 5	2 Standen			
1	1	KR.XALD01	Drukknopkast 1x22mm	68x68x53			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening


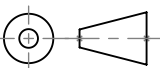
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Bedieningskast S4 + S8 - S20 1 functie				
					069.4001	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks -	PGM -	Drawn PCL 23-3-2017	Sheet 1/2	
		Qty per Machine Weight 0.27 kg	Scale 1:3.5	Release TS 6-4-2018	Revision -	

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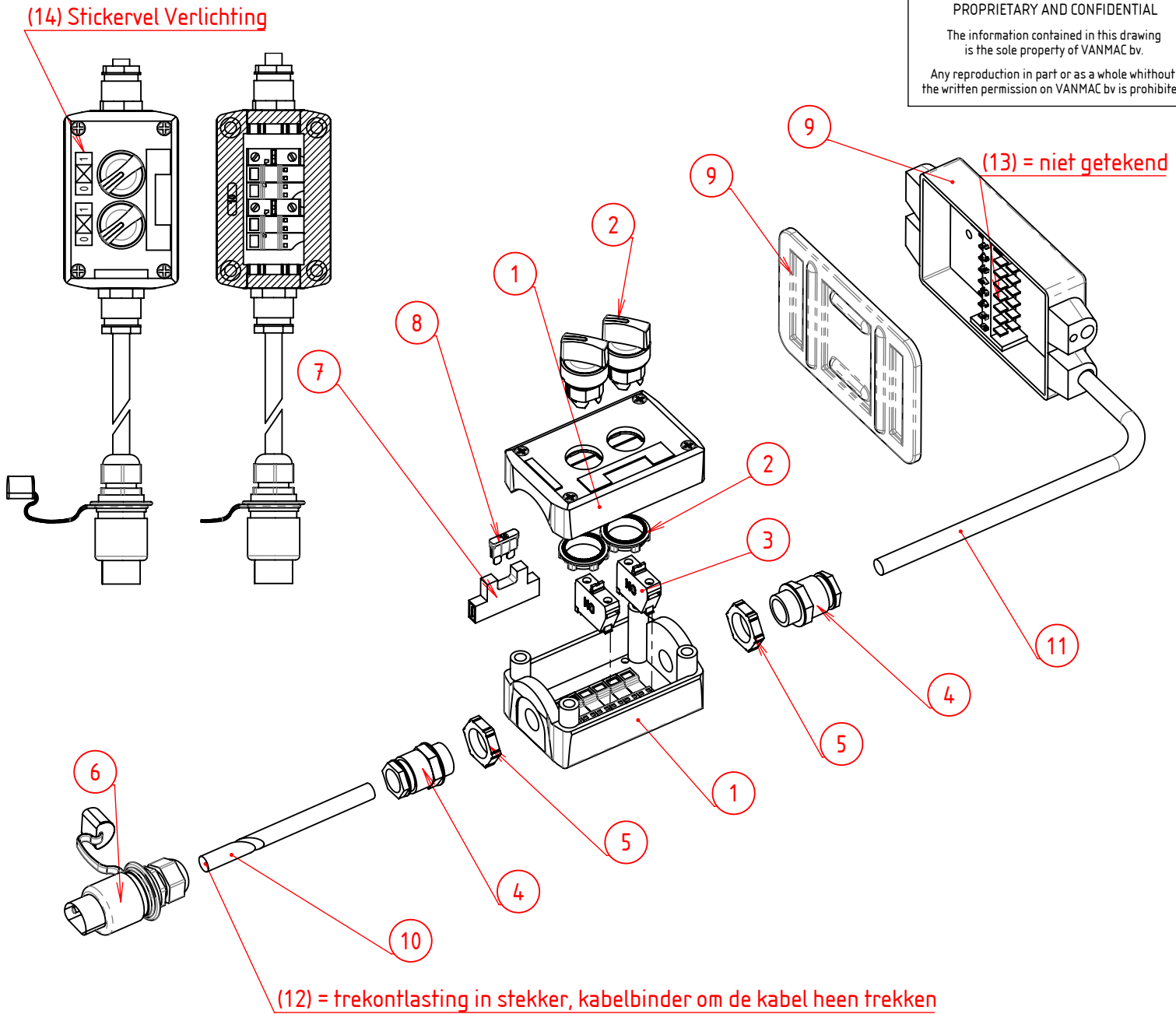
Opmerkingen:

- *) een enkele zwaailamp -> niet schakelen maar direct aansluiten op trailerverlichting
- **) Waterinjectie zie schema 069.4011 ivm dikkere kabel en keuzeschakelaar met indicatie LED

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Bedieningskast S4 + S8 - S20 1 functie				
					069.4001	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks - Qty per Machine Weight kg	PGM - Scale 1:3	Drawn PCL 23-3-2017 Release TS 6-4-2018	Sheet 2/2 Revision -

069.4002 - ZRef

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14	1	069.4000.01	Stickervel Verlichting	ISO Pictogram 5x 13x26mm			
13	3	KR.LA9015	Vlakstekkerhuls Blauw				
12	1	KR.CT36140	Kabelbinder Zwart 3.6x140 mm				
11	1	KR.KA315	Trailerkabel 3 X 1.5		9500		
10	1	KR.KA225	Trailerkabel 2 X 2.5		2000		
9	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
8	1	KR.SI22010	Steekzekering 10Amp.	ROOD			
7	1	KR.8KV004418004	Steekzekeringhouder HELLA				
6	1	KR.25036200	Stekker 3-polig				
5	2	TU.2020774	Moer Voor Pakkingbus	M20x1.5			
4	2	TU.2020493	Pakkingbus ESKV M20x1.5	Voor kabel 6 +/-m 13mm IP68			
3	2	KR.ZENL1111	Contactelement NO veerretour	Bodemmontage XALD			
2	2	KR.ZB5AD2	Keuzeschakelaar Harmony 5	2 Standen			
1	1	KR.XALD02	Drukknopkast 2x22mm	106x68x53			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Bedieningskast S4 + S8 - S20

2 functies

Remarks -

Qty per Machine -

Weight 0.35 kg

PGM -

Scale 1:3.5

Drawn JVZ 23-11-2017

Release TS 6-4-2018

TRILO

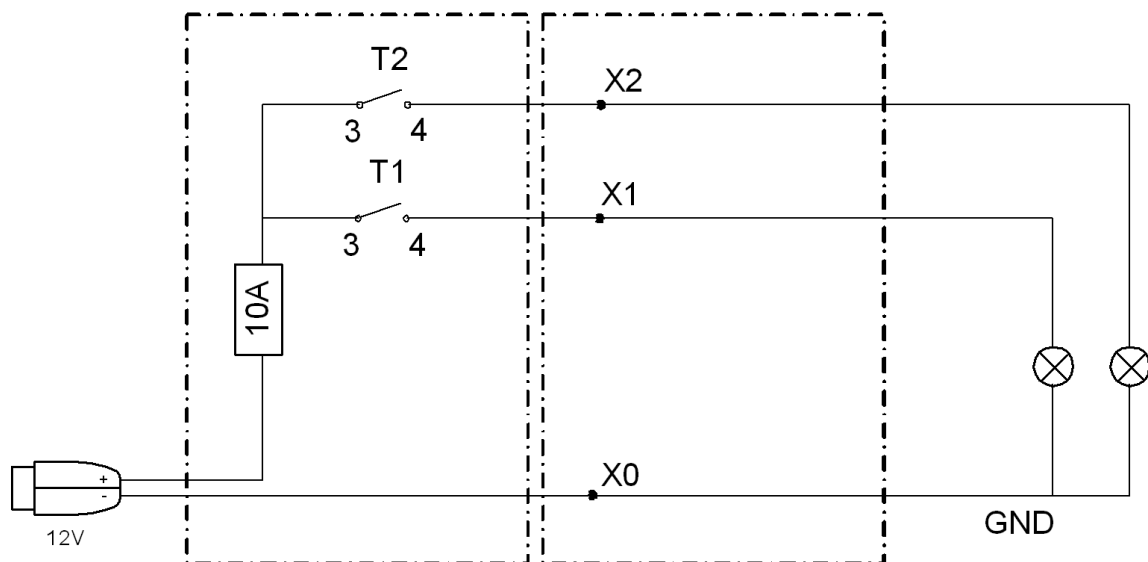
069.4002

Sheet 1/2

Revision -

069.4002 - ZRef


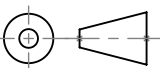
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Opmerkingen:

*) een enkele zwaailamp -> niet schakelen maar direct aansluiten op trailerverlichting

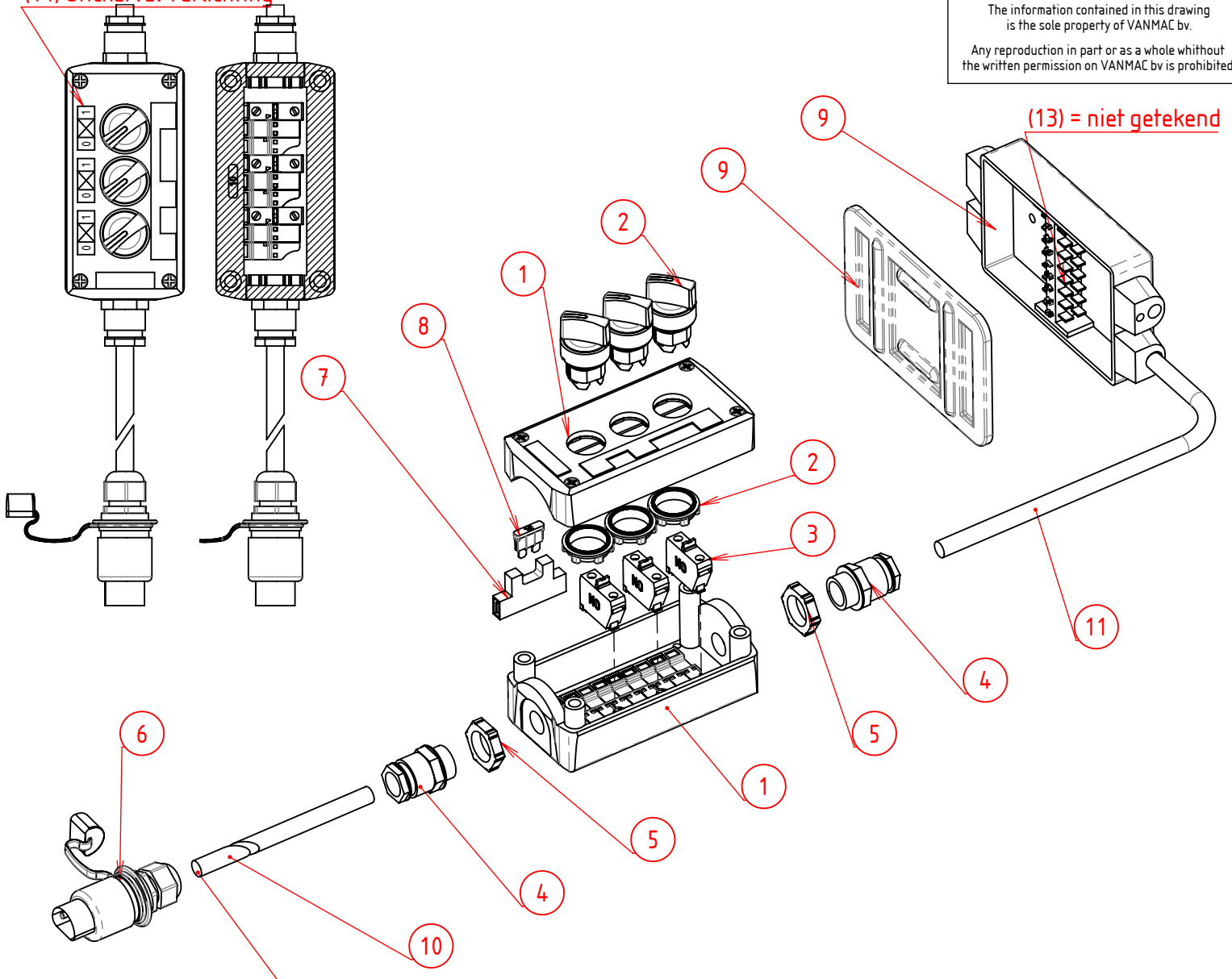
**) Waterinjectie zie schema 069.4011 ivm dikkere kabel en keuzeschakelaar met indicatie LED

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Bedieningskast S4 + S8 - S20 2 functies				
					069.4002	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks - Qty per Machine Weight kg	PGM - Scale 1:3	Drawn JVZ 23-11-2017 Release TS 6-4-2018	Sheet 2/2 Revision -	

069.4003-ZRef

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(14) Stickervel Verlichting



(12) = trekontlasting in stekker, kabelbinder om de kabel heen trekken

14	1	069.4000.01	Stickervel Verlichting	ISO Pictogram 5x 13x26mm			
13	4	KR.LA9015	Vlakstekkerhuls Blauw				
12	1	KR.CT36140	Kabelbinder Zwart 3.6x140 mm				
11	1	KR.KA515	Trailerkabel 5 X 1.5			9500	
10	1	KR.KA225	Trailerkabel 2 X 2.5			2000	
9	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
8	1	KR.SI22015	Steekzekering 15amp.				
7	1	KR.8KV004418004	Steekzekeringhouder HELLA				
6	1	KR.25036200	Stekker 3-polig				
5	2	TU.2020774	Moer Voor Pakkingbus	M20x1.5			
4	2	TU.2020493	Pakkingbus ESKV M20x1.5	Voor kabel 6 t/m 13mm IP68			
3	3	KR.ZENL1111	Contactelement NO veerretour	Bodemmontage XALD			
2	3	KR.ZB5AD2	Keuzeschakelaar Harmony 5	2 Standen			
1	1	KR.XALD03	Drukknopkast 3x22mm	136x68x53			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Bedieningskast S4 + S8 - S20

3 functies

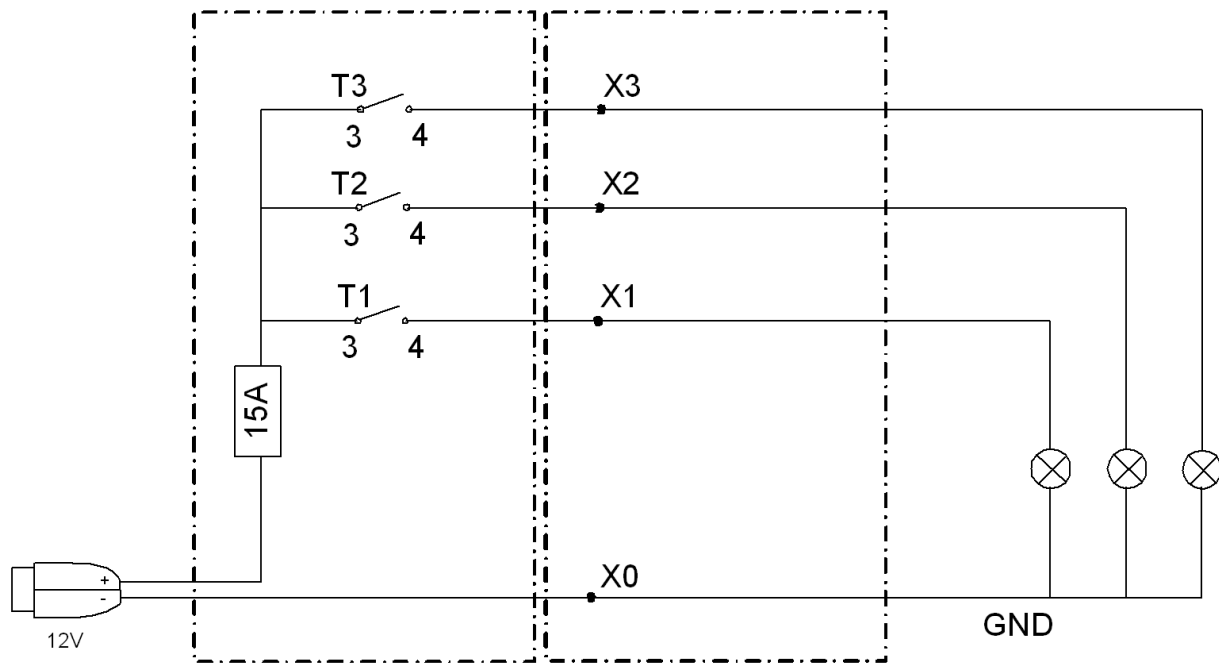
Remarks	-	PGM	-
Qty per Machine		Scale	1:3.5
Weight	0.41 kg		

069.4003

Drawn	JVZ	23-11-2017	Sheet	1/2
Release	TS	6-4-2018	Revision	-


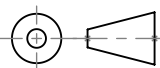
069.4003-ZRef

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Opmerkingen:

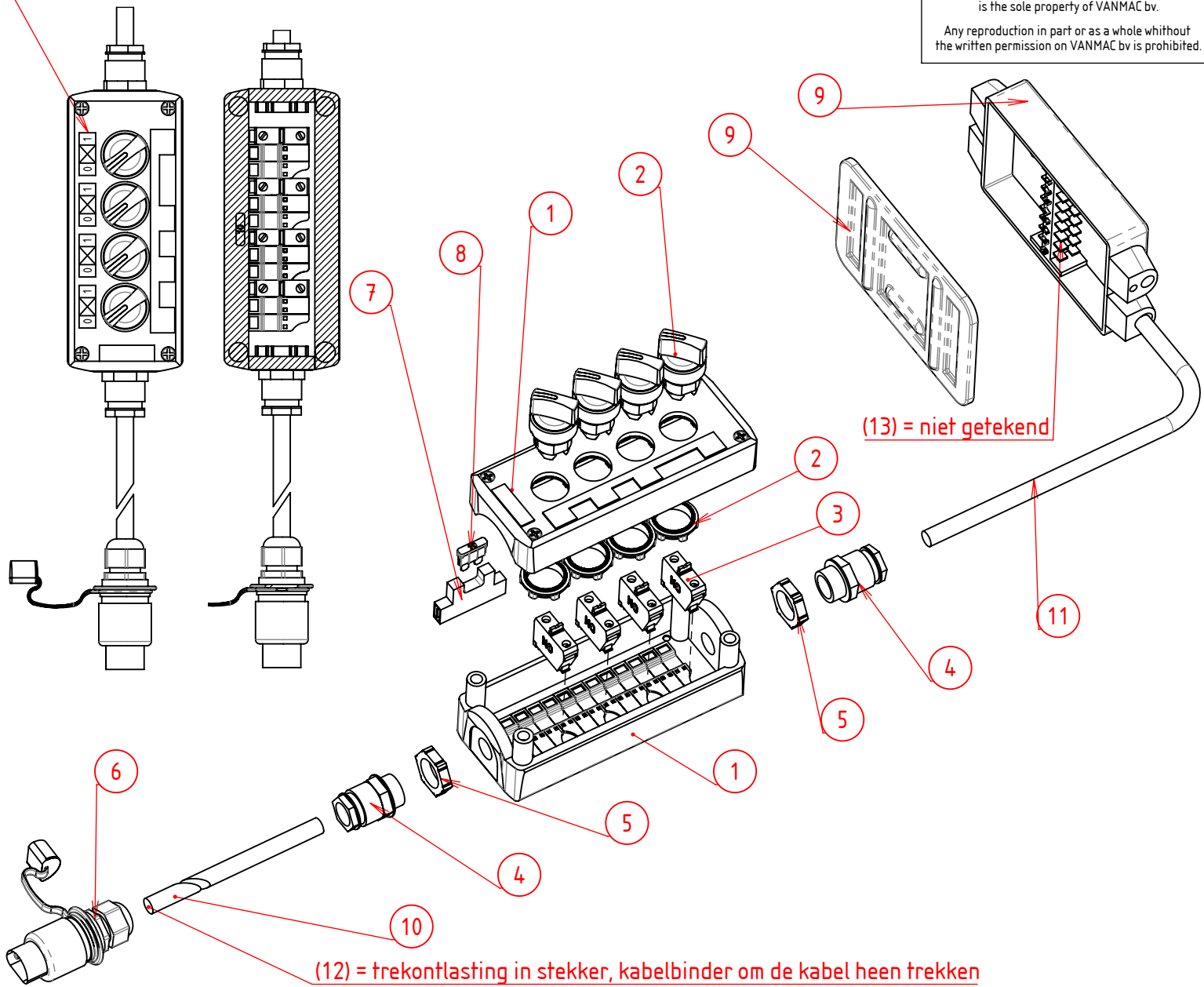
- *) een enkele zwaailamp -> niet schakelen maar direct aansluiten op trailerverlichting
- **) Waterinjectie zie schema 069.4011 ivm dikkere kabel en keuzeschakelaar met indicatie LED

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Bedieningskast S4 + S8 - S20 3 functies			 069.4003	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks - Qty per Machine Weight kg	PGM - Scale 1:3	Drawn JVZ 23-11-2017 Release TS 6-4-2018

069.4004-ZRef

(14) Stickervel Verlichting

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(12) = trekontlasting in stekker, kabelbinder om de kabel heen trekken

14	1	069.4000.01	Stickervel Verlichting	ISO Pictogram 5x 13x26mm			
13	5	KR.LA9015	Vlakstekkerhuls Blauw				
12	1	KR.CT36140	Kabelbinder Zwart 3.6x140 mm				
11	1	KR.KA515	Trailerkabel 5 X 1.5		9500		
10	1	KR.KA225	Trailerkabel 2 X 2.5		2000		
9	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
8	1	KR.SI22015	Steekzekering 15amp.				
7	1	KR.8KV004418004	Steekzekeringhouder HELLA				
6	1	KR.25036200	Stekker 3-polig				
5	2	TU.2020774	Moer Voor Pakkingbus	M20x1.5			
4	2	TU.2020493	Pakkingbus ESKV M20x1.5	Voor kabel 6 +/-m 13mm IP68			
3	4	KR.ZENL1111	Contactelement NO veerretour	Bodemmontage XALD			
2	4	KR.ZB5AD2	Keuzeschakelaar Harmony 5	2 Standen			
1	1	KR.XALD04	Drukknopkast 4x22mm	166x68x53			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Bedieningskast S4 + S8 - S20

4 functies

Remarks -

Qty per Machine -

Weight 0.47 kg

PGM -

Scale 1:3.5

Drawn JVZ 23-11-2017

Release TS 6-4-2018

TRILO

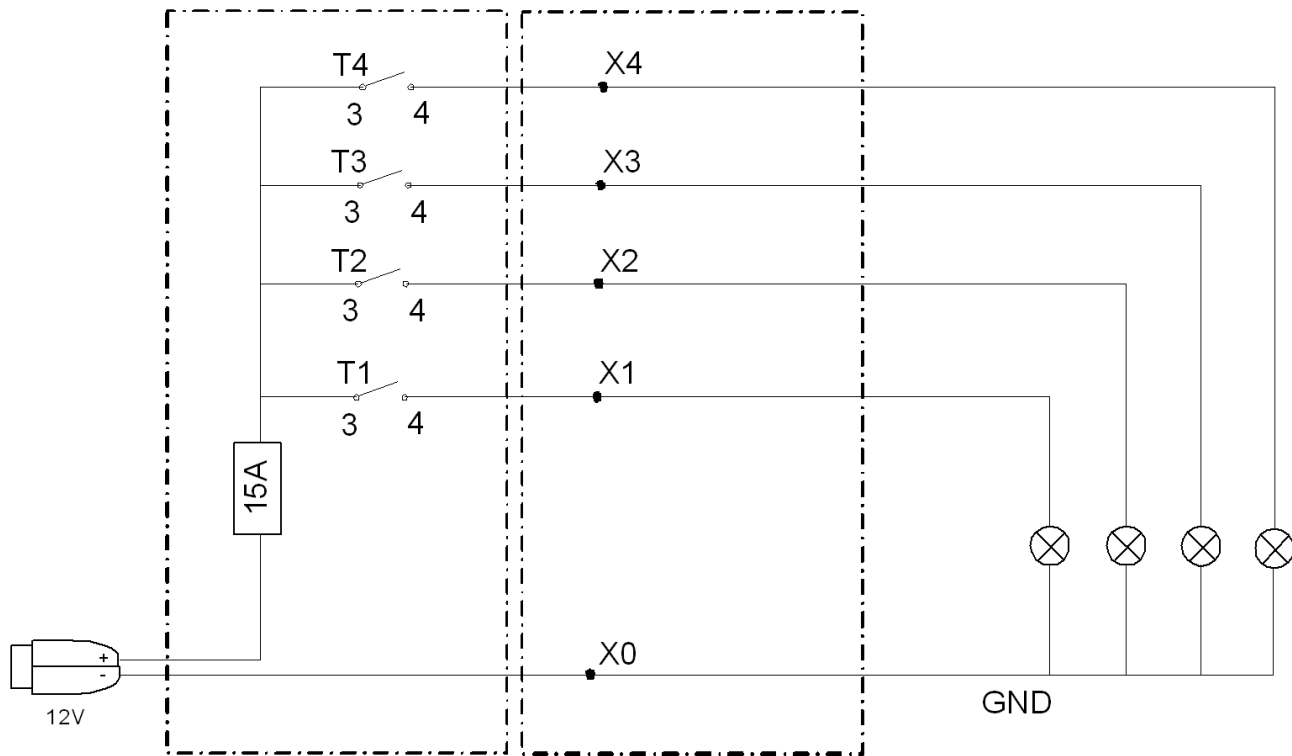
069.4004

Sheet 1/2

Revision -


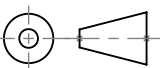
069.4004-ZRef

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Opmerkingen:

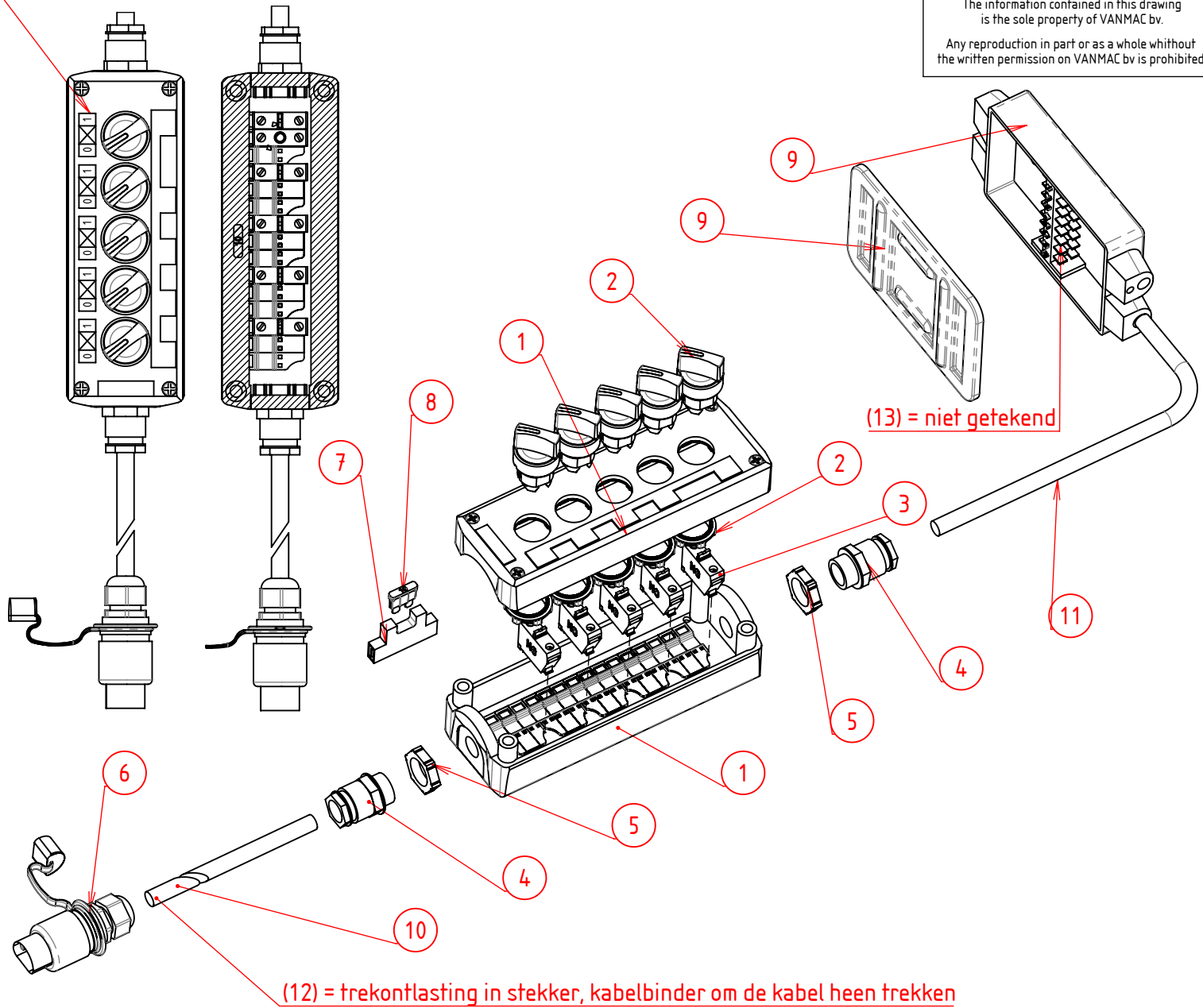
- *) een enkele zwaailamp -> niet schakelen maar direct aansluiten op trailerverlichting
- **) Waterinjectie zie schema 069.4011 ivm dikkere kabel en keuzeschakelaar met indicatie LED

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Bedieningskast S4 + S8 - S20 4 functies			 069.4004	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks -	PGM -	Drawn JVZ 23-11-2017
		Qty per Machine	Weight kg	Scale 1:3	Release TS 6-4-2018	Revision -

069.4005 - ZRref

(14) Stickervel Verlichting

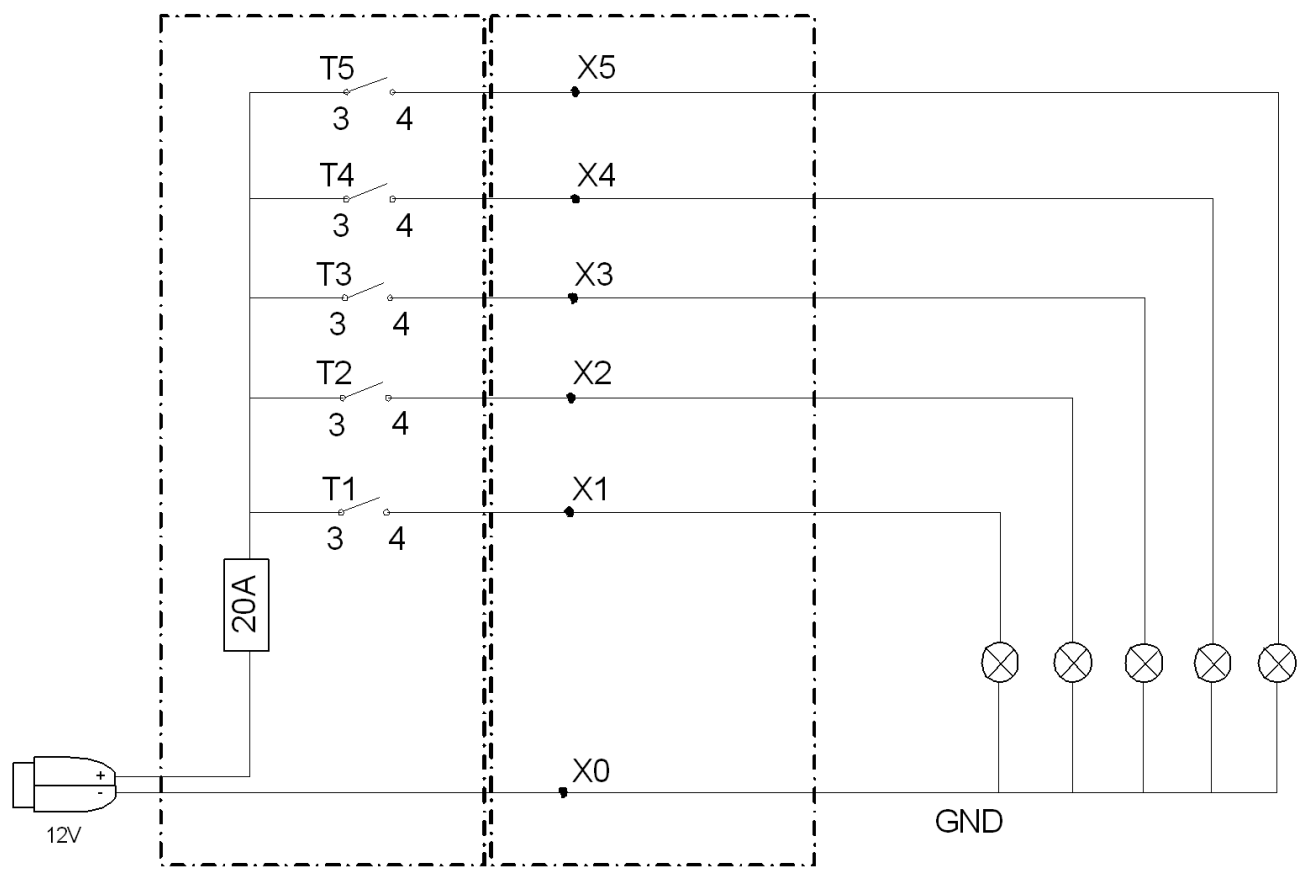
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Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
14	1	069.4000.01	Stickervel Verlichting	ISO Pictogram 5x 13x26mm			
13	6	KR.LA9015	Vlakstekkerhuls Blauw				
12	1	KR.CT36140	Kabelbinder Zwart 3.6x140 mm				
11	1	KR.KA715	Trailerkabel 7 X 1.5		9500		
10	1	KR.KA225	Trailerkabel 2 X 2.5		2000		
9	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
8	1	KR.SI22020	Steekzekering 20amp.	GEEL			
7	1	KR.8KV004418004	Steekzekeringhouder HELLA				
6	1	KR.25036200	Stekker 3-polig				
5	2	TU.2020774	Moer Voor Pakkingbus	M20x1.5			
4	2	TU.2020493	Pakkingbus ESKV M20x1.5	Voor kabel 6 +/-m 13mm IP68			
3	5	KR.ZENL1111	Contactelement NO veerretour	Bodemmontage XALD			
2	5	KR.ZB5AD2	Keuzeschakelaar Harmony 5	2 Standen			
1	1	KR.XALD05	Drukknopkast 5x22mm	196x68x53			

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cL Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Bedieningskast S4 + S8 - S20 5 functies			
		Remarks - Qty per Machine - Weight 0.53 kg		PGM - Scale 1:3.7 Drawn JVZ 23-11-2017 Release TS 6-4-2018	

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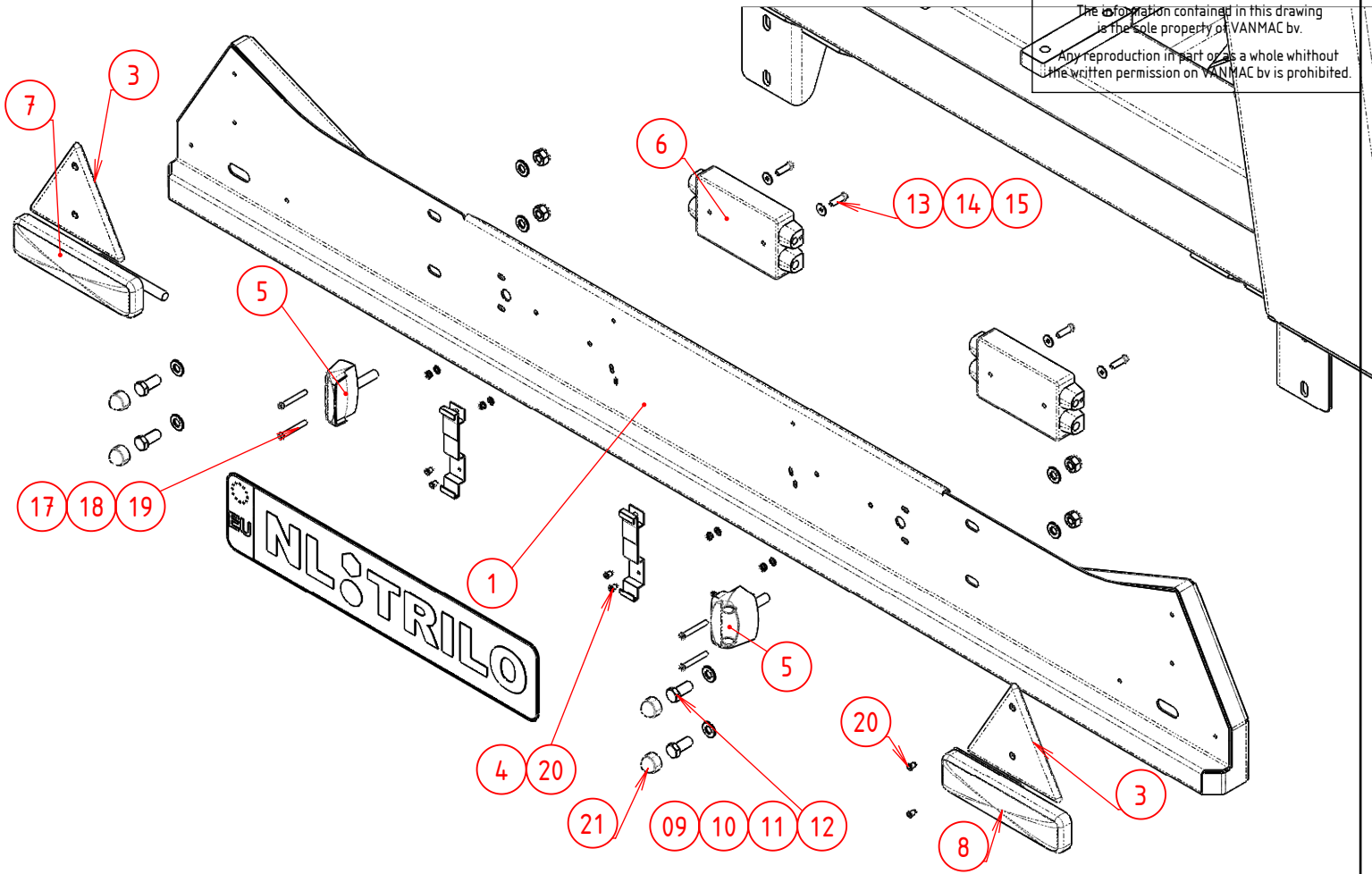


Opmerkingen:

- *) een enkele zwaailamp -> niet schakelen maar direct aansluiten op trailerverlichting
- **) Waterinjectie zie schema 069.4011 ivm dikkere kabel en keuzeschakelaar met indicatie LED

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK	Bedieningskast S4 + S8 - S20 5 functies				
	Sheet-Metal Bending: ISO 2768-cl					069.4005
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING		Remarks - Qty per Machine Weight kg	PGM - Scale 1:3	Drawn JVZ 23-11-2017 Release TS 6-4-2018	Sheet 2/2 Revision -

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21	4	90.BKM10	Bout- en moerkap M10				
20	8	OV.53360567	Popnagel 5x10 mm	Gesipa Staal/staal			
19	4	90.9854	Zelfborgende Moer M4				
18	4	90.125A4	Sluitring M4				
17	4	90.84430	Metaalschroef Cil.Kop M4x30				
16	4	90.84516	Metaalschroef Cil.Kop M5x16				
15	4	90.9855	Zelfborgende Moer M5				
14	8	90.125A5	Sluitring M5				
13	4	90.931530	Zeskantbout M5x30				
12	4	90.98510	Zelfborgende Moer M10				
11	4	90.9021A10	Carr.Ring M10				
10	4	90.125A10	Sluitring M10				
9	4	90.9331025	Tapbout M10x25				
8	1	069.4490.06	LED Lampunit Slimline RECHTS	12V 24V + 5P bajonet			
7	1	069.4490.05	LED Lampunit Slimline LINKS	12V 24V + 5P bajonet			
6	1	WU.051096001	Verdeelkast	Zwart met bliken deksel			
5	1	KR.7000320	Kentekenplaatklem set	(set van 2 stuks)			
4	2	056.4500.04	Kentekenverlichting	LED 12V-24V			
3	2	KR.WB2800	Driehoekreflector				
2	1	069.4490.04	Kabelboom 8m + 7P stekker	2x 5P bajonet + 2x extra aansl			
1	1	069.4490.18	Lichtbak S4 t/m 2.10m				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Lichtbak S4 tot 2.10m
stekker iso 1174

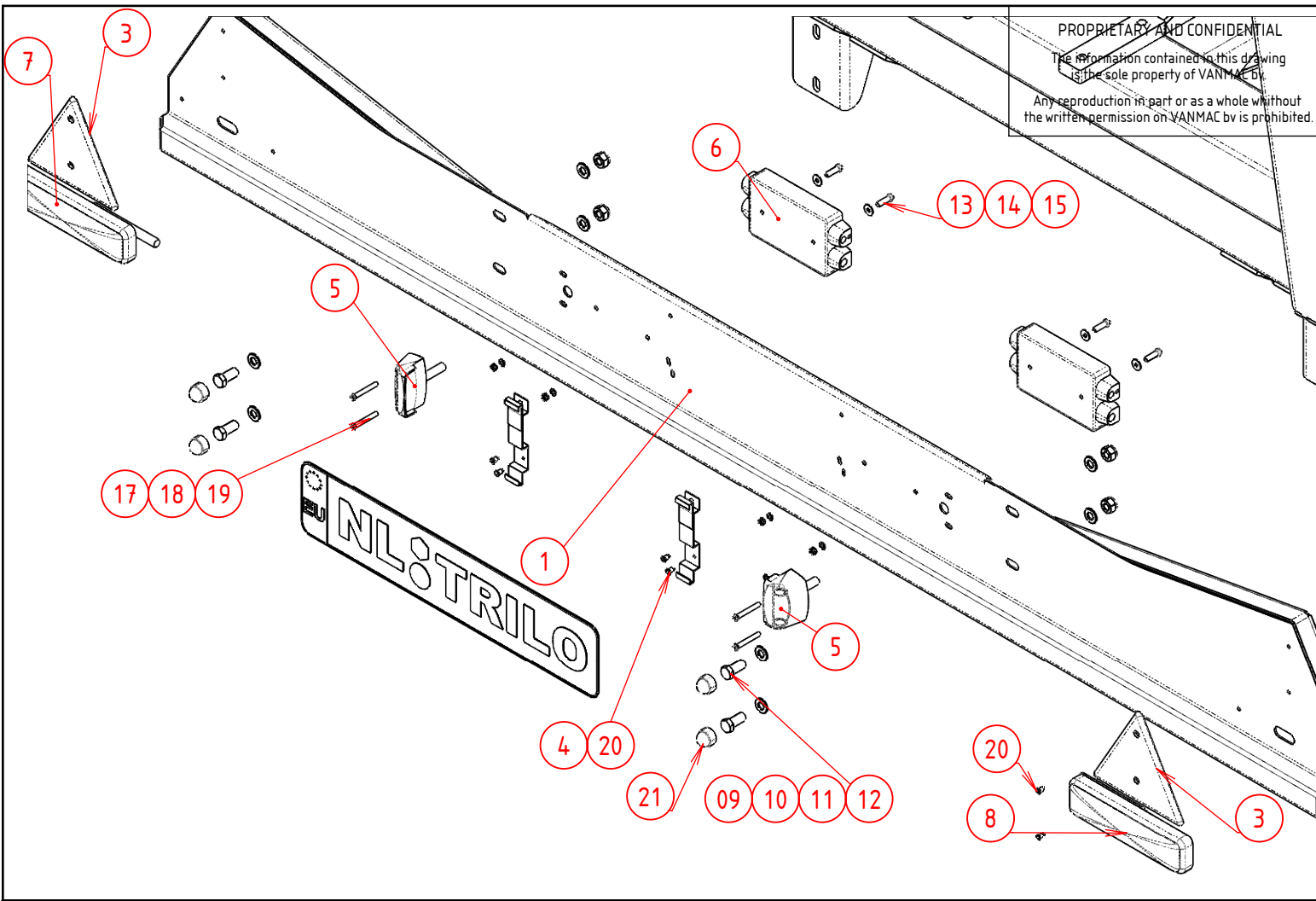
Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	PCL 16-3-2018	1/1
Weight	1:8	Release	Revision
439.98 kg		PCL 10-4-2018	A

TRILO


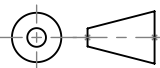
069.4490

069.4491-2Zref

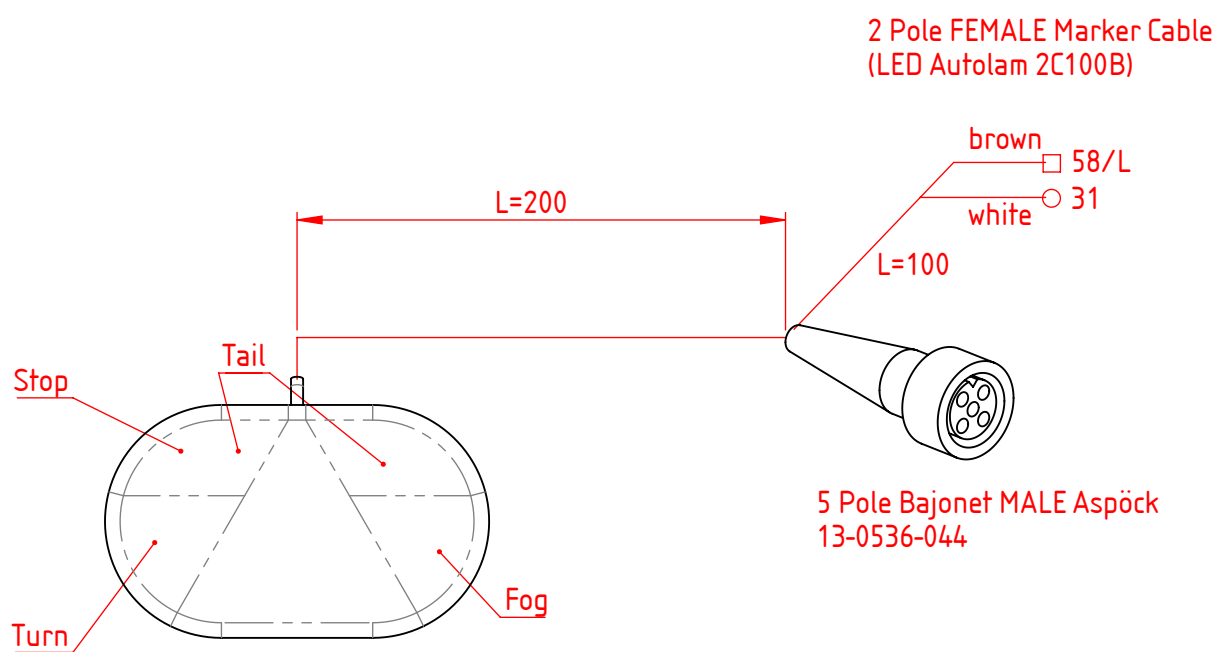
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21	4	90.BKM10	Bout- en moerkap M10				
20	8	OV.53360567	Popnagel 5x10 mm	Gesipa Staal/staal			
19	4	90.9854	Zelfborgende Moer M4				
18	4	90.125A4	Sluistring M4				
17	4	90.84430	Metaalschroef Cil.Kop M4x30				
16	4	90.84516	Metaalschroef Cil.Kop M5x16				
15	4	90.9855	Zelfborgende Moer M5				
14	8	90.125A5	Sluistring M5				
13	4	90.931530	Zeskantbout M5x30				
12	4	90.98510	Zelfborgende Moer M10				
11	4	90.9021A10	Carr.Ring M10				
10	4	90.125A10	Sluistring M10				
9	4	90.9331025	Tapbout M10x25				
8	1	069.4490.06	LED Lampunit Slimline RECHTS	12V 24V + 5P bajonet			
7	1	069.4490.05	LED Lampunit Slimline LINKS	12V 24V + 5P bajonet			
6	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
5	1	KR.7000320	Kentekenplaatklem set	(set van 2 stuks)			
4	2	056.4500.04	Kentekenverlichting	LED 12V-24V			
3	2	KR.WB2800	Driehoekreflector				
2	1	069.4490.04	Kabelboom 8m + 7P stekker	2x 5P bajonet + 2x extra aansl			
1	1	069.4491.01	Lichtbak 2.40m				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Lichtbak S4 2.40m stekker iso 1174		 069.4491		
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 440.20 kg	PGM Scale 1:8

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RECEPTABLE	COLOR	FUNCTION
1	RED	STOP
2	WHITE	GND
3	YELLOW	TURN
4	BLUE	FOG
5	BLACK	TAIL

3	1	056.4510.07	Verbindingskabel 1m 2-aderig				
2	1	KR.130536044	Bajonetstekker zwart 5-polig	Aspöck - Dubbele Tule - MALE			
1	1	KR.LA111334	Lampunit Links	LED 12V-24V			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	LED Lampunit L met stekker				
				Remarks Qty per Machine	Weight 1.05 kg	PGM Scale 1:5
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges						

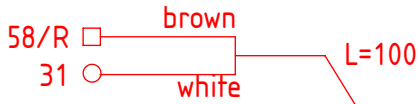
069.4504.40

069.4504.41-ZRef

PROPRIETARY AND CONFIDENTIAL

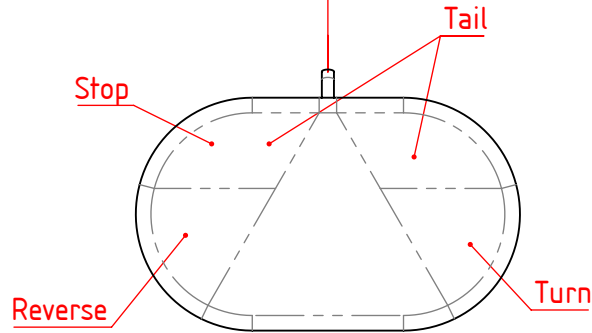
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2 Pole FEMALE Marker Cable (LED Autolam 2C100B)



L=200

5 Pole Bajonet MALE Aspöck
13-0536-044



RECEPTABLE	COLOR	FUNCTION
1	RED	STOP
2	WHITE	GND
3	GREEN	TURN
4	BLUE	REVERSE
5	BLACK	TAIL

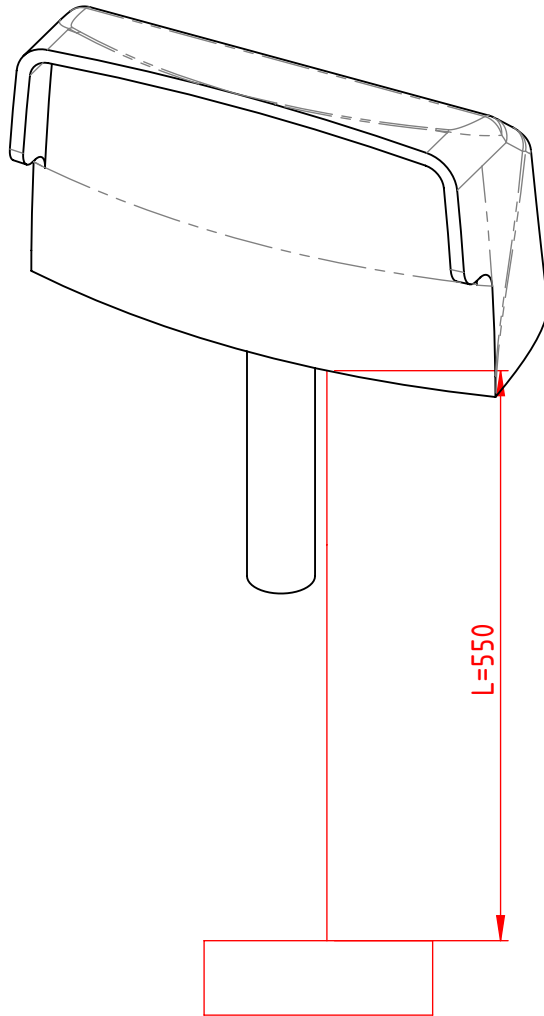
3	1	056.4510.07	Verbindingskabel 1m 2-aderig			2C100B	
2	1	KR.130536044	Bajonetsteker zwart 5-polig	Aspöck - Dubbele Tule - MALE			
1	1	KR.LA111335	Lampunit Rechts	LED 12V-24V			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	LED Lampunit R met stekker					
				Remarks Qty per Machine	Weight 1.05 kg	PGM Scale 1:5	Drawn PCL 22-3-2017 Release PCL 7-6-2017


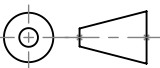
069.4504.41

069.4504.42 - ZReel

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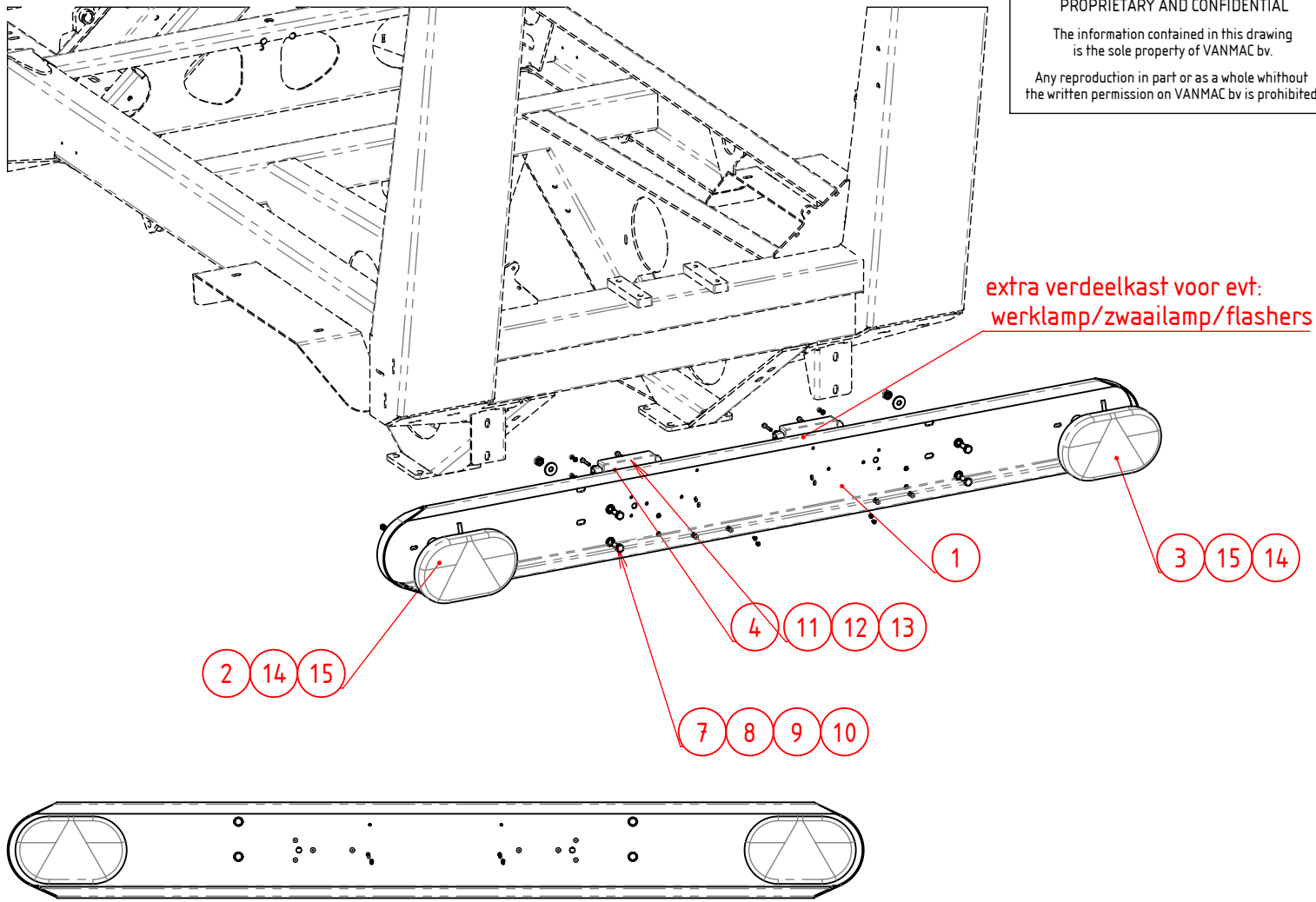


Pin	Color	Function
1	Brown	+12V/24V
2	White	GND

1	1	056.4500.04	Kentekenverlichting	LED 12V-24V				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands		Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING		Kentekenlamp met stekker			 069.4504.42	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges				Remarks Qty per Machine	Weight 0.06 kg	PGM Scale 1:1	Drawn PCL 22-3-2017 Release PV 15-6-2017	Sheet 1/1 Revision -

069.4505.30 - Zref

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OPMERKING
 Uitvoering prefab met Aspöck stekkers
 Alternatief: Zelfbouw zie tekening 069.4506.30

Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
15	4	90.9856	Zelfborgende Moer M6				
14	4	90.125A6	Sluitring M6				
13	4	90.9855	Zelfborgende Moer M5				
12	8	90.125A5	Sluitring M5				
11	4	90.931530	Zeskantbout M5x30				
10	4	90.98510	Zelfborgende Moer M10				
9	4	90.9021A10	Carr.Ring M10				
8	4	90.125A10	Sluitring M10				
7	4	90.9331025	Tapbout M10x25				
5	1	069.4500.02	Aansluitkabel Verlichting S4	1150 L/ 550 R/ 6750 voor	8500		
3	1	069.4504.41	LED Lampunit R met stekker				
2	1	069.4504.40	LED Lampunit L met stekker				
1	1	069.4505.18	Lichtbak S4 LED	va 2.40m werkbreedte			

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Lichtbak LED ISO 1724 Steker va 2.40M Z. Kenteken					069.4505.30	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Remarks Qty per Machine	Weight 440.52 kg				

069.4505-ZRref

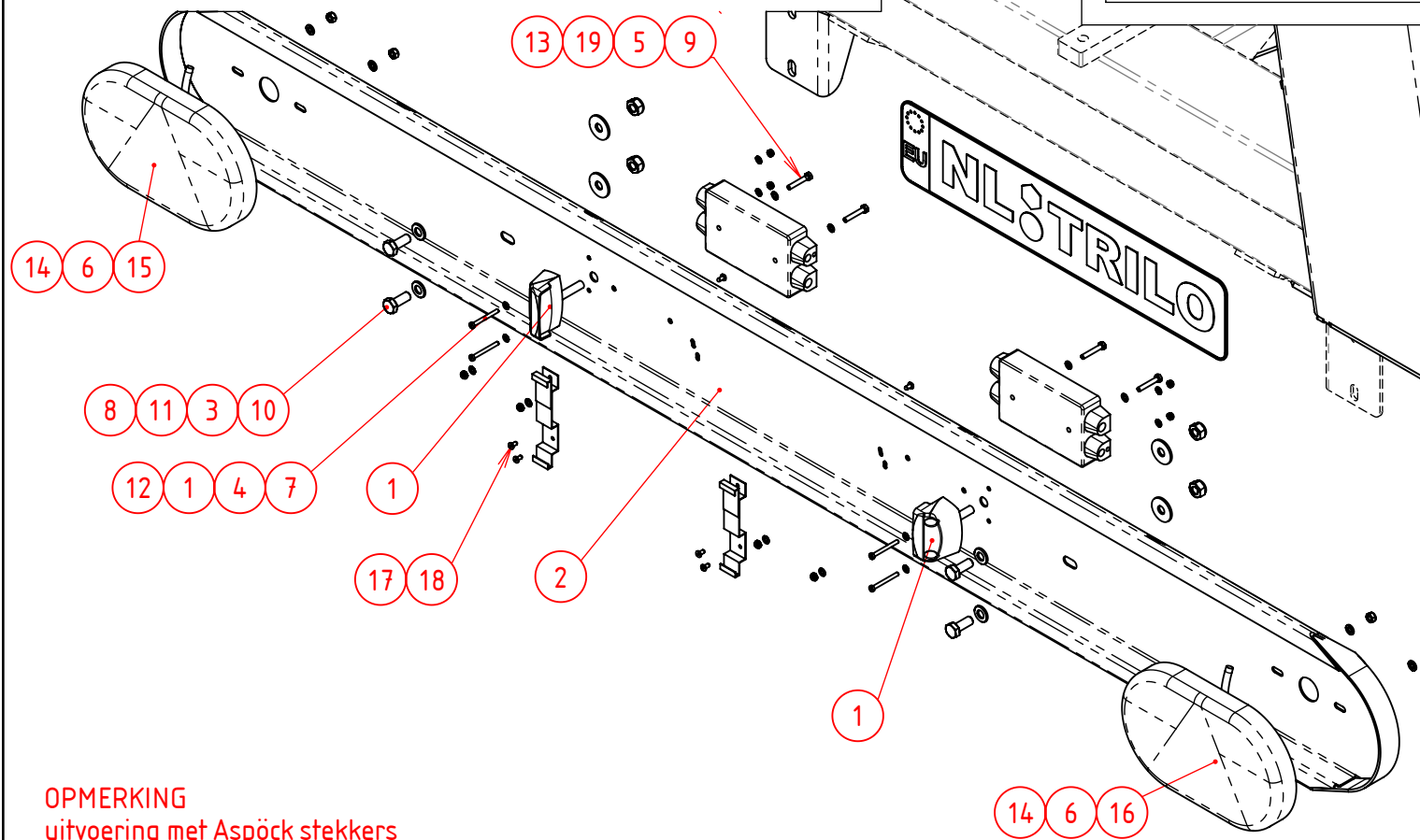
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Kabelboom conform S4 model 2011 (met 5 polige Aspöck Bajonetstekers)	7-6-2017	PCL

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OPMERKING
 uitvoering met Aspöck stekkers
 alternatief: zelf aansluiten zie tekening 069.4506

20	1	069.4500.02	Aansluitkabel Verlichting S4	1150 L/ 550 R/ 6750 voor			
18	4	OV.53360567	Popnagel 5x10 mm	Gesipa Staal/staal			
17	1	KR.7000320	Kentekenplaatklem set	(set van 2 stuks)			
16	1	069.4504.41	LED Lampunit R met stekker				
15	1	069.4504.40	LED Lampunit L met stekker				
14	4	90.9856	Zelfborgende Moer M6				
13	4	90.9855	Zelfborgende Moer M5				
12	4	90.9854	Zelfborgende Moer M4				
11	4	90.98510	Zelfborgende Moer M10				
10	4	90.9331025	Tapbout M10x25				
9	4	90.931530	Zeskantbout M5x30				
8	4	90.9021A10	Carr.Ring M10				
7	4	90.84430	Metaalschroef Cil.Kop M4x30				
6	4	90.125A6	Sluistring M6				
5	4	90.125A5	Sluistring M5				
4	4	90.125A4	Sluistring M4				
3	4	90.125A10	Sluistring M10				
2	1	069.4505.18	Lichtbak S4 LED	va 2.40m werkbreedte			
1	2	069.4504.42	Kentekenlamp met stekker				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Tolerances unless stated:
 ISO 2768-mK

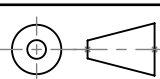
Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Lichtbak LED ISO 1724 Steker

va 2.40m werkbreedte



Remarks	PGM
Qty per Machine	Scale
Weight	440.52 kg

Drawn	TS	21-12-2017
Release	TS	21-12-2017

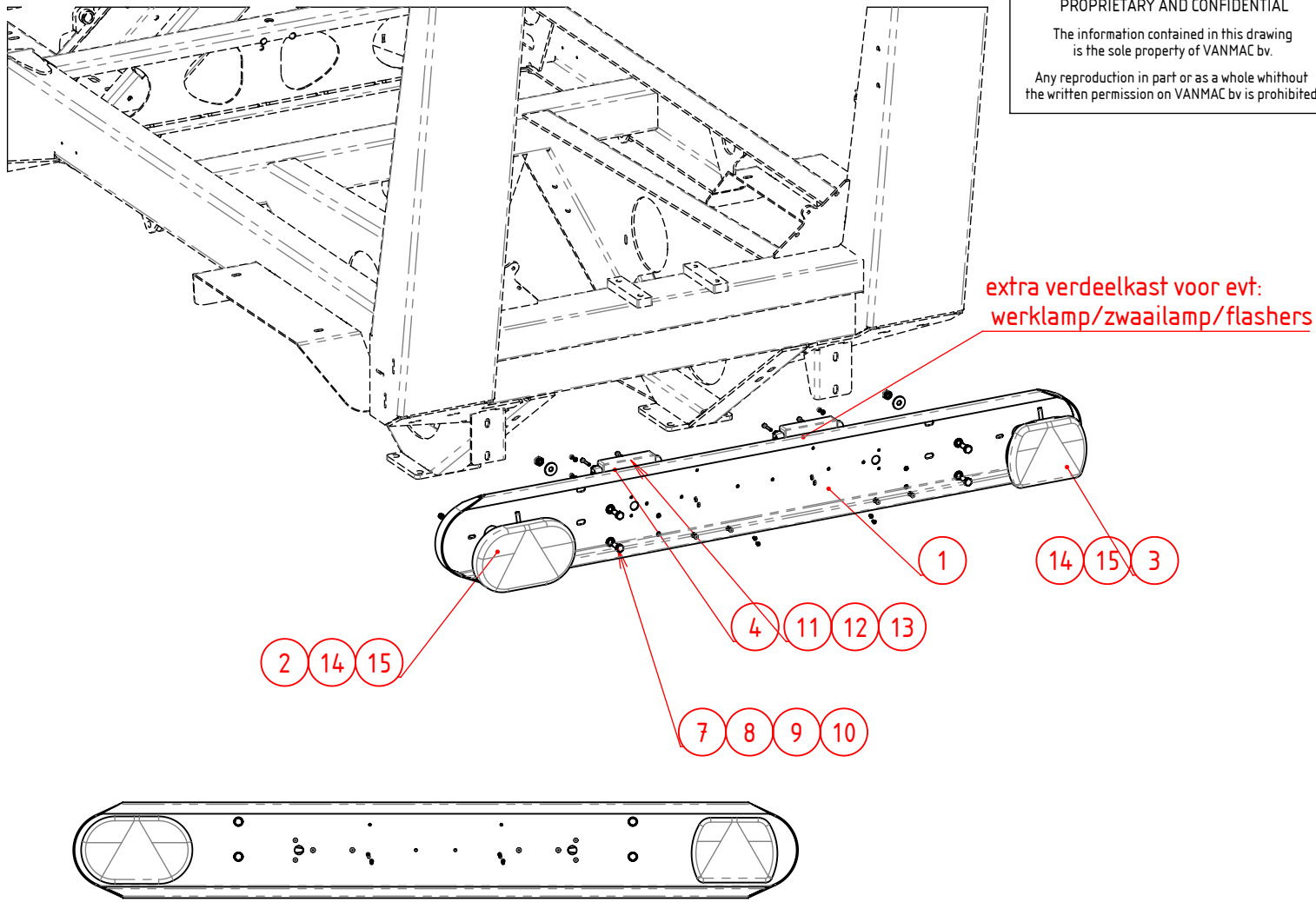
Sheet	1/1
Revision	A



069.4505

069.4504.30-ZRef

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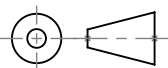
OPMERKING
 Uitvoering zelfbouw
 Alternatief: prefab met Aspöck stekkerszie tekening 069.4504.30

15	4	90.9856	Zelfborgende Moer M6				
14	4	90.125A6	Sluitring M6				
13	4	90.9855	Zelfborgende Moer M5				
12	8	90.125A5	Sluitring M5				
11	4	90.931530	Zeskantbout M5x30				
10	4	90.98510	Zelfborgende Moer M10				
9	4	90.9021A10	Carr.Ring M10				
8	4	90.125A10	Sluitring M10				
7	4	90.9331025	Tapbout M10x25				
6	1	KR.8JA001918002	Trailerstekker 7-polig				
5	1	KR.KA715	Trailerkabel 7 X 1.5			8500	
4	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
3	1	KR.LA111335	Lampunit Rechts	LED 12V-24V			
2	1	KR.LA111334	Lampunit Links	LED 12V-24V			
1	1	069.4504.18	Lichtbak S4	t/m 2.10m BM			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Lichtbak LED 12V/24V TOT 2.10M Z. Kenteken				
		Remarks Qty per Machine Weight 440.02 kg			PGM Scale 1:15	Drawn PCL 20-6-2017 Release PCL 20-6-2017

Remove welding spatter
 Sheet metal unscratched

 Debur / Break sharp edges



069.4506.30

069.4506-ZRref

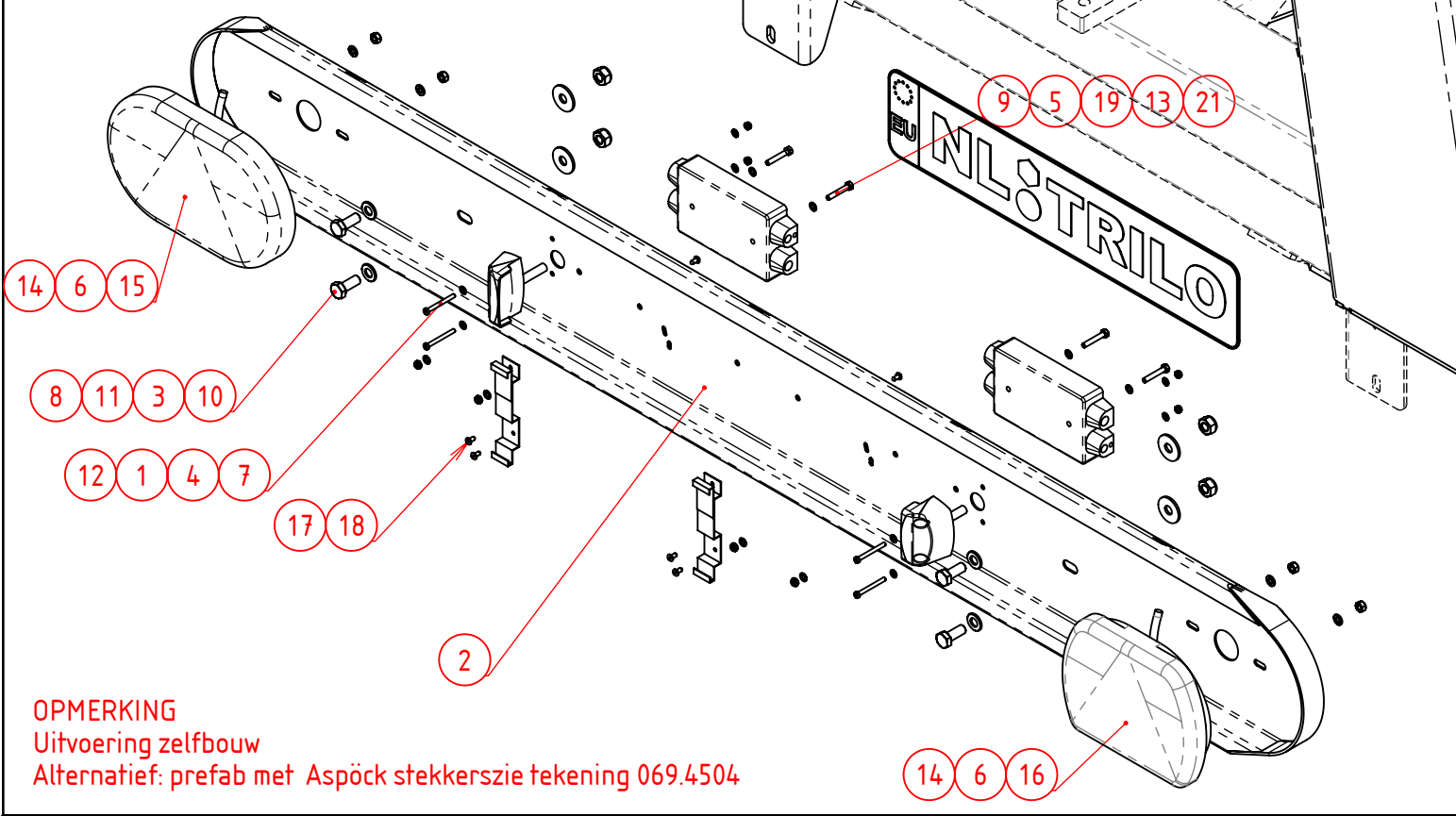
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Kabelboom conform S4 model 2011 (met 5 polige Aspöck Bajonetstekers)	7-6-2017	PCL

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OPMERKING

Uitvoering zelfbouw

Alternatief: prefab met Aspöck stekkerszie tekening 069.4504

21	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
20	1	KR.8JA001918002	Trailerstekker 7-polig				
19	1	KR.KA715	Trailerkabel 7 X 1.5		8000		
18	4	OV.53360567	Popnagel 5x10 mm	Gesipa Staal/staal			
17	1	KR.7000320	Kentekenplaatklem set	(set van 2 stuks)			
16	1	KR.LA111335	Lampunit Rechts	LED 12V-24V			
15	1	KR.LA111334	Lampunit Links	LED 12V-24V			
14	4	90.9856	Zelfborgende Moer M6				
13	4	90.9855	Zelfborgende Moer M5				
12	4	90.9854	Zelfborgende Moer M4				
11	4	90.98510	Zelfborgende Moer M10				
10	4	90.9331025	Tapbout M10x25				
9	4	90.931530	Zeskantbout M5x30				
8	4	90.9021A10	Carr.Ring M10				
7	4	90.84430	Metaalschroef Cil.Kop M4x30				
6	4	90.125A6	Sluitring M6				
5	4	90.125A5	Sluitring M5				
4	4	90.125A4	Sluitring M4				
3	4	90.125A10	Sluitring M10				
2	1	069.4504.18	Lichtbak S4	t/m 2.10m BM			
1	2	069.4504.42	Kentekenlamp met stekker				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
Astronaut 40
3824 MJ AMERSFOORT
the Netherlands

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Lichtbak LED 12V/24V

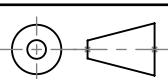
t/m 2.10m werkbreedte



069.4506

Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges



Remarks		PGM
Qty per Machine	Weight	Scale
	440.02 kg	1:7.5

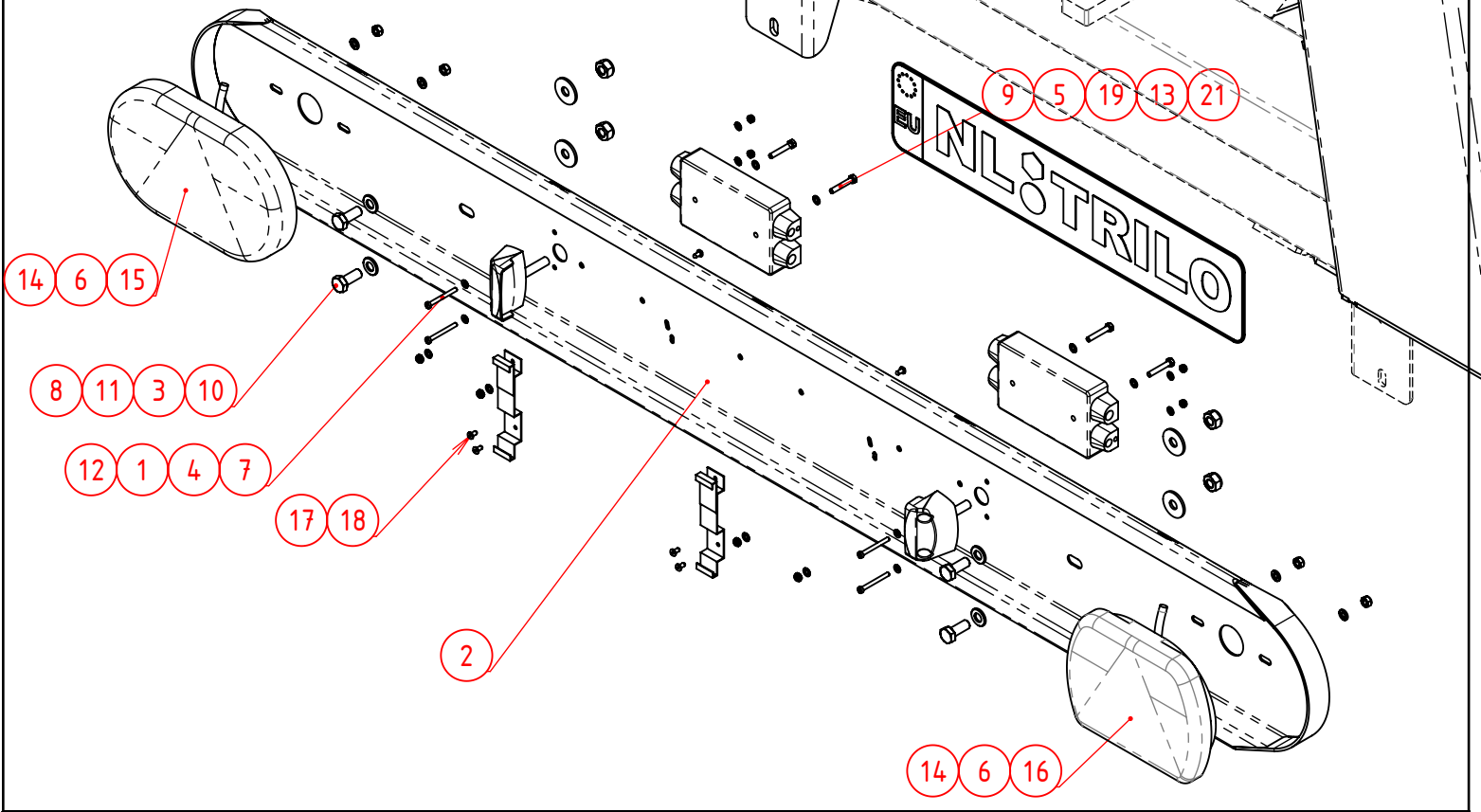
Drawn	STAGE	Date	Sheet
-	14-12-2016	1/1	
Release	Date	Revision	
PCL	20-6-2017	A	

069.4508-ZRef


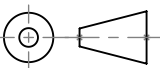
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Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
21	1	WU.051096001	Verdeelkast	Zwart met blikken deksel			
20	1	KR.8JA003831001	Trailerstekker 7-polig USA	ISO 1185 (USA)			
19	1	KR.KA715	Trailerkabel 7 X 1.5		8000		
18	4	OV.53360567	Popnagel 5x10 mm	Gesipa Staal/staal			
17	1	KR.7000320	Kentekenplaatklem set	(set van 2 stuks)			
16	1	KR.LA111335	Lampunit Rechts	LED 12V-24V			
15	1	KR.LA111334	Lampunit Links	LED 12V-24V			
14	4	90.9856	Zelfborgende Moer M6				
13	4	90.9855	Zelfborgende Moer M5				
12	4	90.9854	Zelfborgende Moer M4				
11	4	90.98510	Zelfborgende Moer M10				
10	4	90.9331025	Tapbout M10x25				
9	4	90.931530	Zeskantbout M5x30				
8	4	90.9021A10	Carr.Ring M10				
7	4	90.84430	Metaalschroef Cil.Kop M4x30				
6	4	90.125A6	Sluitring M6				
5	4	90.125A5	Sluitring M5				
4	4	90.125A4	Sluitring M4				
3	4	90.125A10	Sluitring M10				
2	1	069.4504.18	Lichtbak S4	t/m 2.10m BM			
1	2	069.4504.42	Kentekenlamp met stekker				

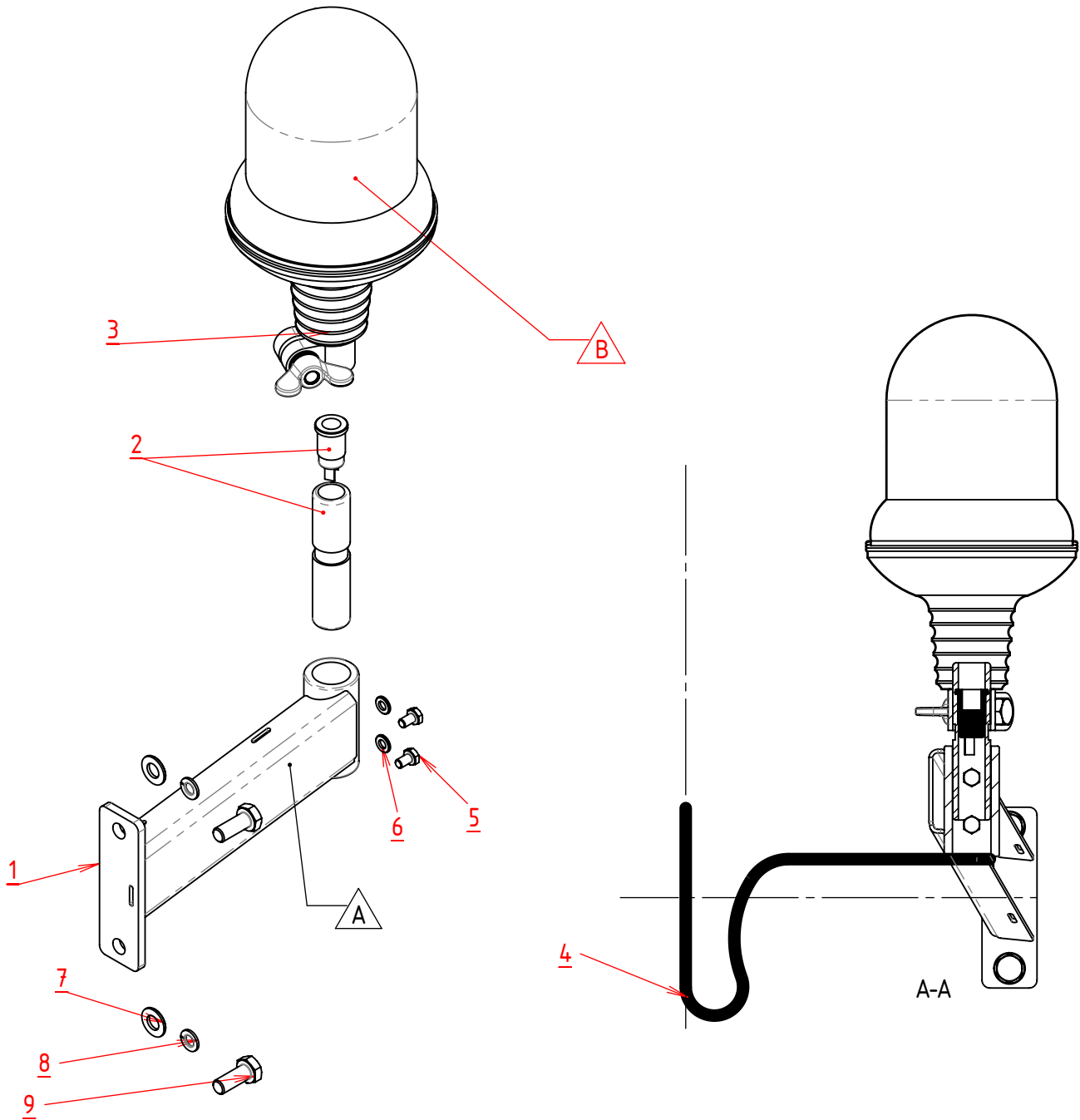
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Lichtbak LED 12V/24V t/m 2.10m werkbreedte			
		069.4508		Drawn PCL 19-10-2017 Sheet 1/1 Release PCL 19-10-2017 Revision A	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	DO NOT SCALE DRAWING		Remarks Qty per Machine	Weight 439.93 kg	PGM Scale 1:7.5

069.4510-ZRev

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	069.4510.01 vervangen door 069.4510.06	29-9-2016	
B	Halogeen vervangen voor LED	21-12-2016	MR

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9	2	90.9331025	Tapbout M10x25					
8	2	90.127B10	Veerring M10					
7	2	90.125A10	Sluitring M10					
6	2	90.125A6	Sluitring M6					
5	2	90.933610	Tapbout M6x10					
4	1	KR.KA215	Trailerkabel 2 X 1.5			4		
3	1	KR.B5500LMV	Zwaailamp opsteek flexibel LED	Britax multivoltage				
2	1	KR.RL5000	Opsteekbuis Voor Zwaailamp					
1	1	069.4510.06	Zwaailampsteun					
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Zwaailamp (Kit)

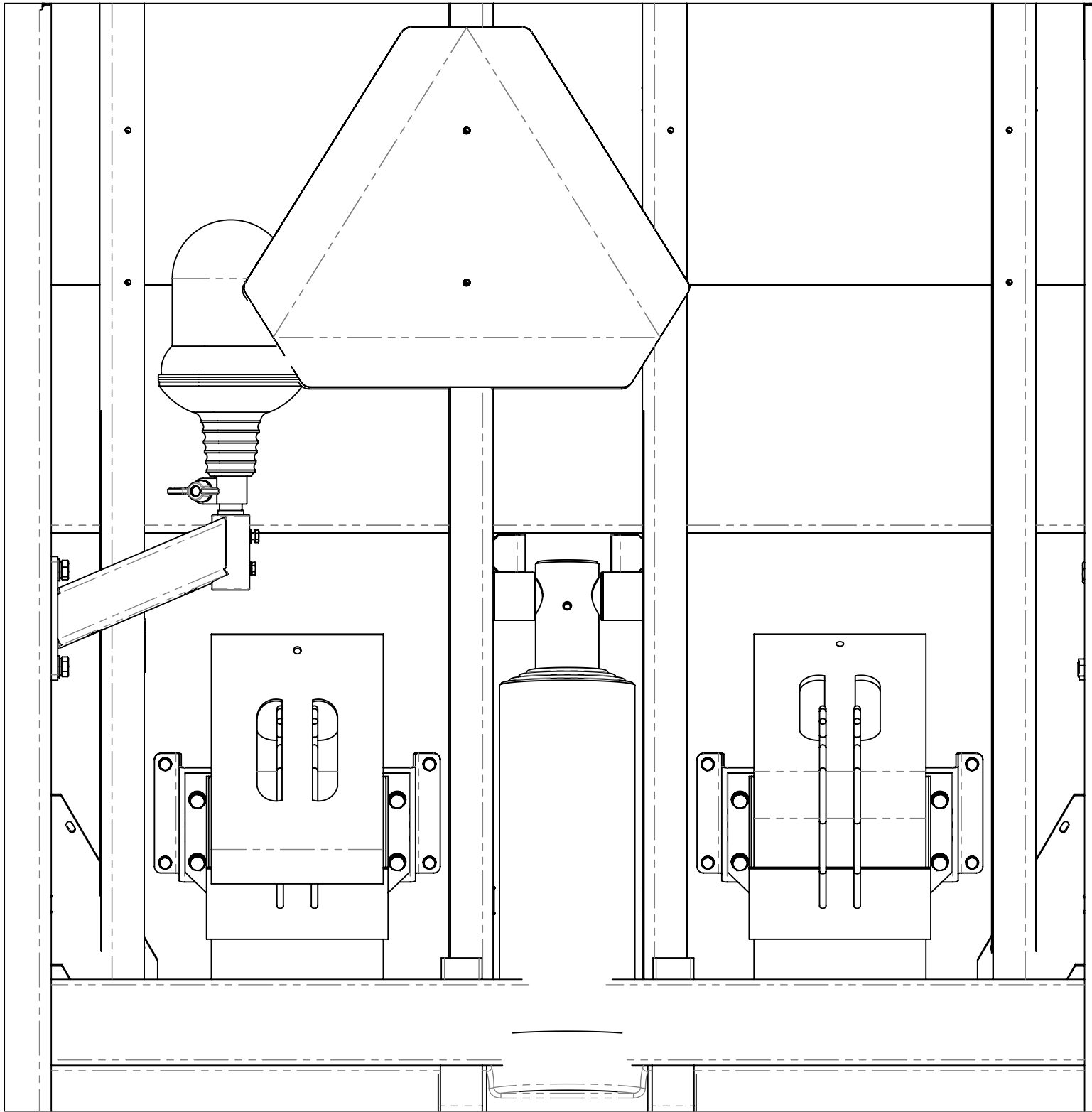
	Remarks	-	PGM	-	Drawn	-	1-1-2000	Sheet	1/2	
	Qty per Machine		Weight	1.23 kg	Scale	1:4	Release	STAG 21-12-2016	Revision	B

TRILO

069.4510

069.4510-ZRef

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

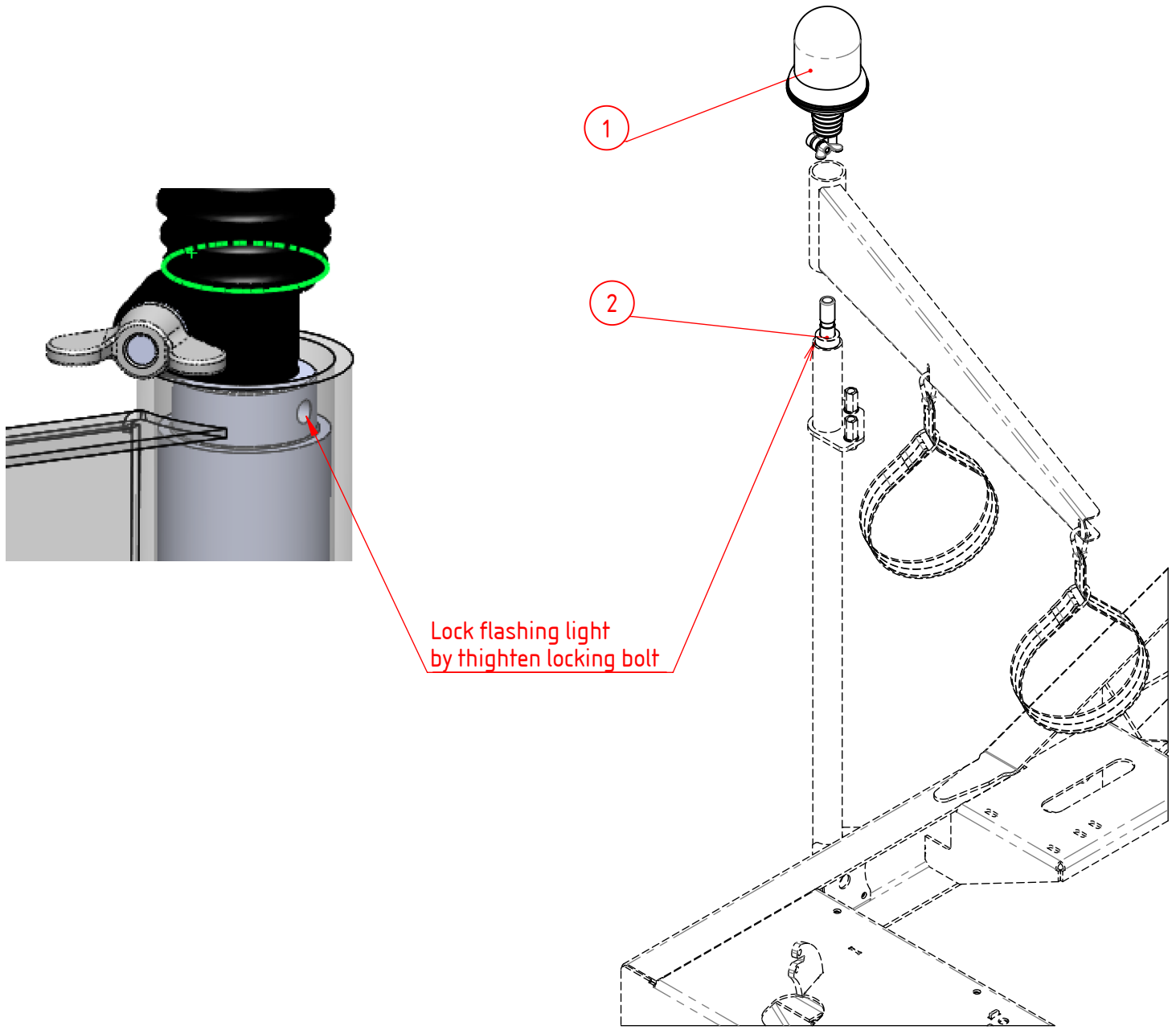
Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Zwaailamp (Kit)			
	Remarks	-	PGM
Qty per Machine	Weight	13385.69 kg	Scale

TRILO	
069.4510	
Drawn	- 1-1-2000
Release	STAG 21-12-2016
Sheet	2/2
Revision	B

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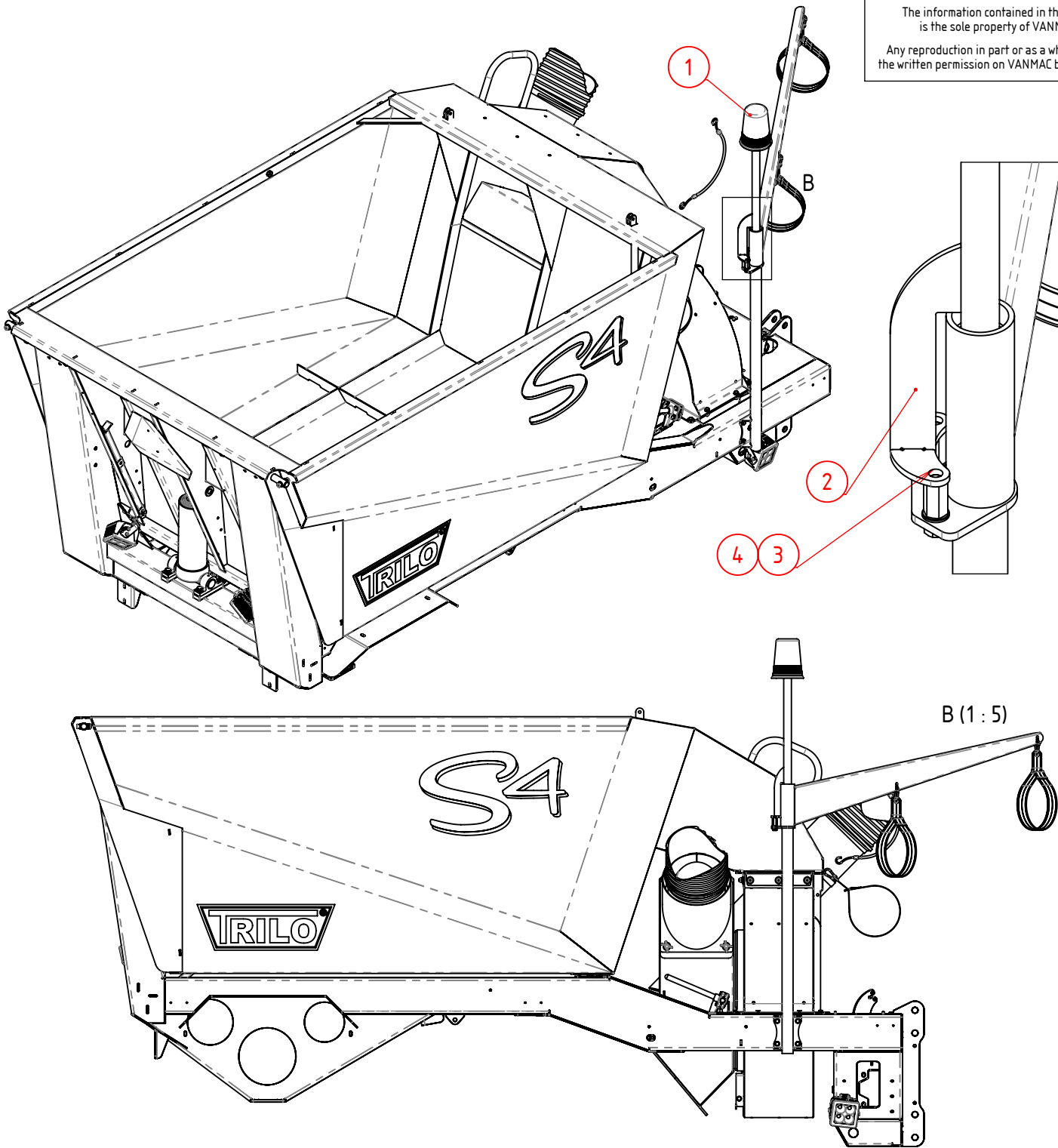


Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
2	1	KR.RL5000	Opsteekbuis Voor Zwaailamp				
1	1	KR.B5500LMV	Zwaailamp opsteek flexibel LED	Britax multivoltage			

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Zwaailamp boven LED S4				
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Remarks Qty per Machine	Weight 448.13 kg	PGM Scale 1:10	Drawn STAGE 15-12-2016 Release PV 10-5-2017

0694513-ZRef

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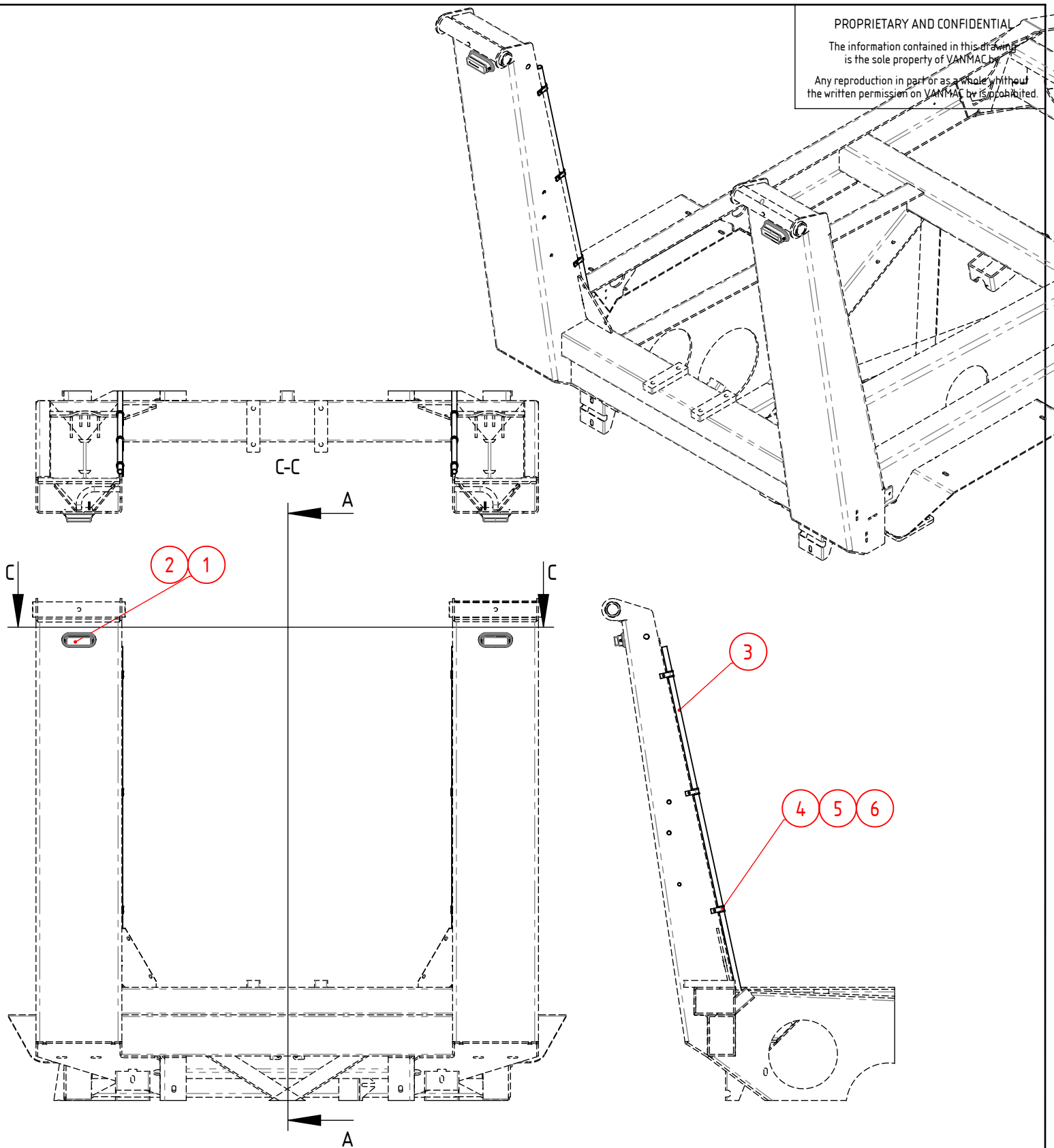


4	2	90.9331220	Tapbout M12x20					
3	2	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter				
2	1	069.4513.05	Steun Obstacle Light					
1	1	069.4513.02	Low Intensity Obstacle Light	Amber - ICAO Anexe 14				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Low intensity Light Amber S4; boven			 069.4513	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Remarks Qty per Machine	Weight 22069.43 kg		

069.4514-TRref

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6	6	90.933610	Tapbout M6x10				
5	6	90.NL06SPGEL	Borgring Nordlock Gel. P/p M6	grote buitendiameter			
4	6	KR.SMSL15	Leidingbeugel 15 mm		A-A		
3	2	069.4514.02	15mm Leiding Flashers	L=1100			
2	4	90.84316	Metaalschroef Cil.Kop M3x16				
1	2	056.4530.02	LED Waarschuwingslicht Amber	3 delig ECE R65 electraquip			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Zwaailamp Achter LED

S4

Remarks

Qty per Machine

Weight

405.45 kg

PGM

Scale

1:15

069.4514

Drawn
 STAGE 15-12-2016

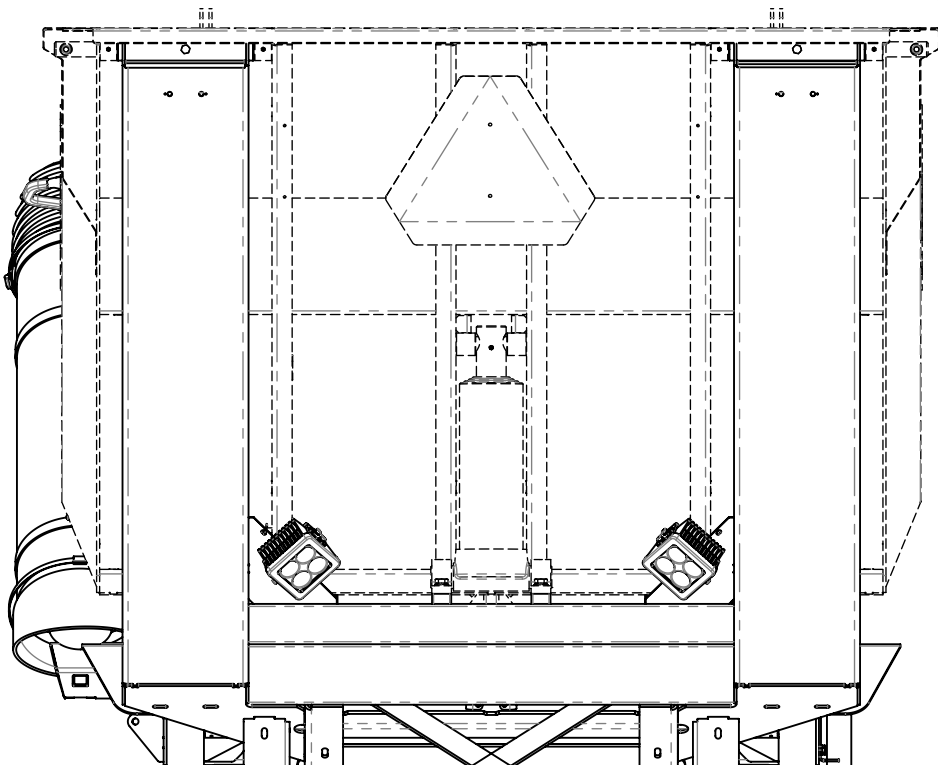
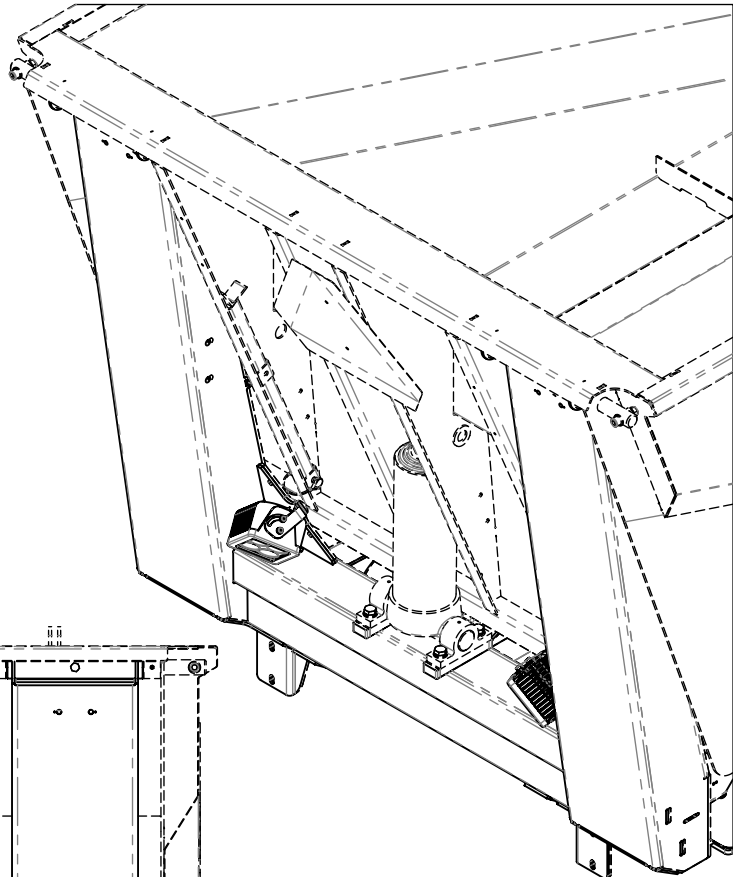
Release
 PCL 27-1-2017

Sheet
 1/1

Revision
 -

069.4520.01-ZRef

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4	2	90.127B8	Veerring M8				
3	2	90.125A8	Sluitring M8				
2	2	90.933816	Tapbout M8x16				
1	2	056.4530.01	Werklamp LED Floodlight 12-24V				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Werklampen Achterzijde

S4

Remarks

Qty per Machine

Weight

22067.71 kg

PGM

Scale

1:15

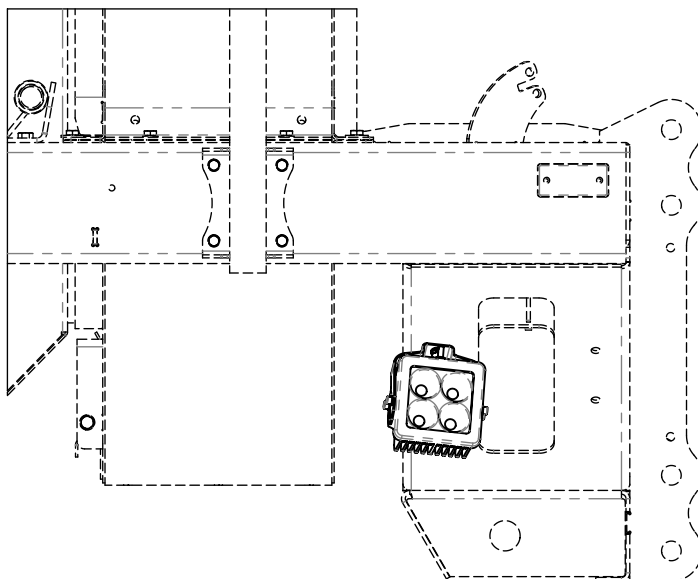
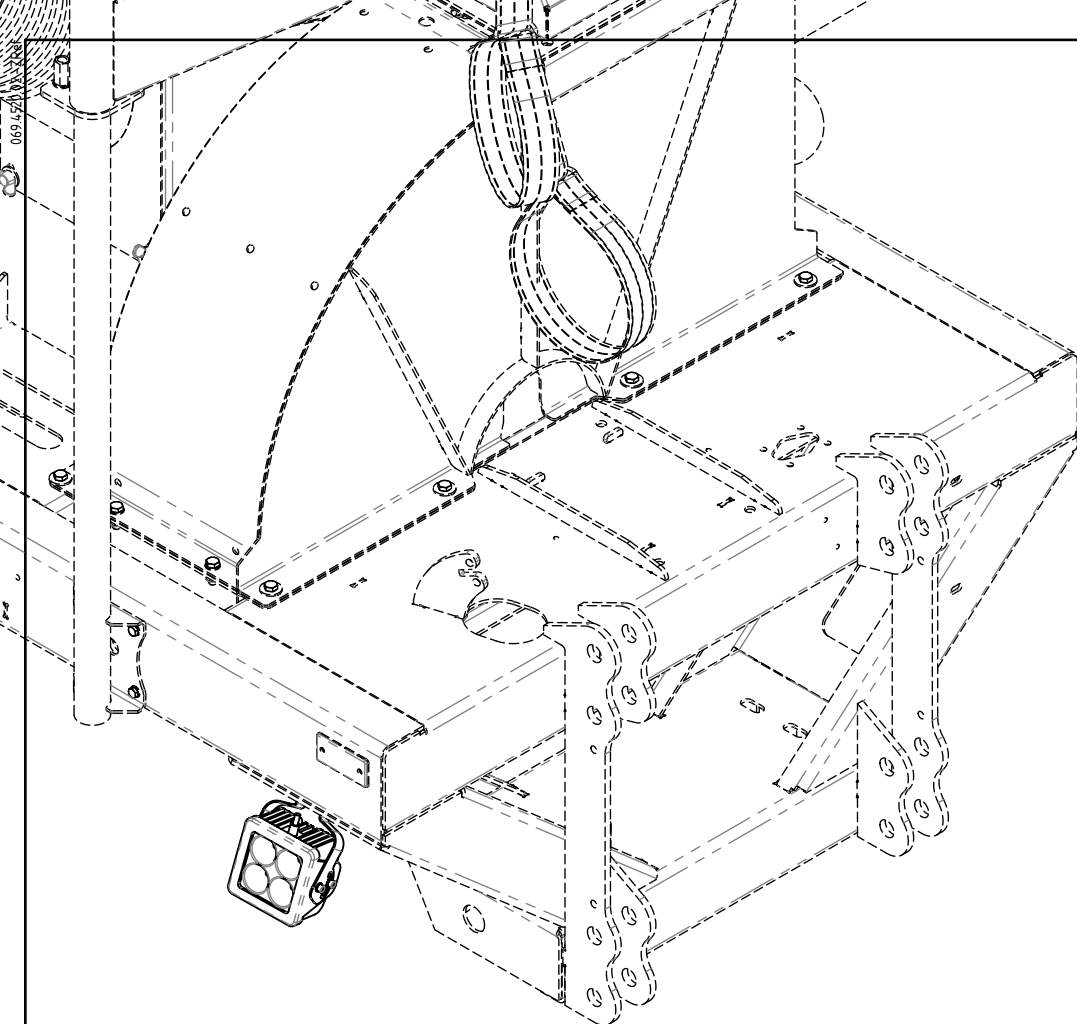
069.4520.01

Drawn	STAGE	22-12-2016	Sheet	1/1
Release	PV	21-7-2017	Revision	-


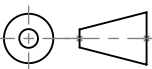
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4	1	90.127B8	Veerring M8					
3	1	90.125A8	Sluitring M8					
2	1	90.933816	Tapbout M8x16					
1	1	056.4530.01	Werklamp LED Floodlight 12-24V					
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Werklamp handloopslang S4			 069.4520.02	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine		

069.5000.20 - Zref


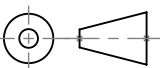
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S8-S20

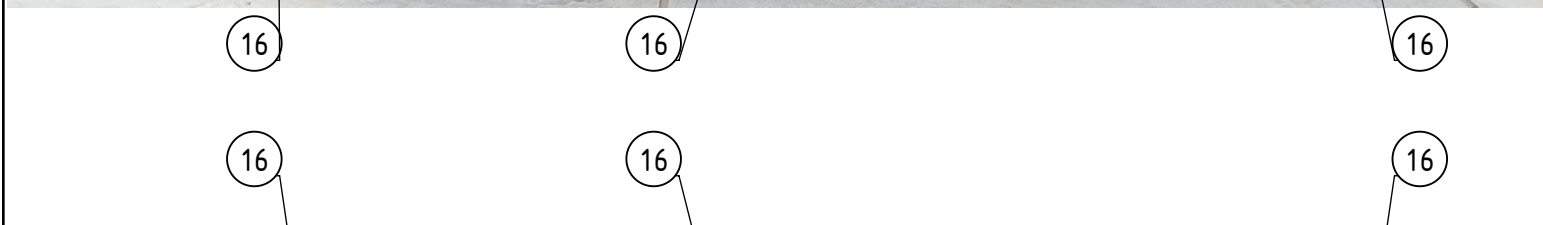


S4

Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening	
1	1	15.50241	Sticker - 40 km/h	Pictogram Zwart/wit Ø220mm				
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands		Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING		40km/h uitvoering sticker			 069.5000.20	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges				Remarks Qty per Machine	Weight kg	PGM - Scale 1:1	Drawn PV 29-5-2017 Release PV 29-5-2017 Sheet 1/1 Revision -	

069.5000.04 - ZRref

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Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Stickerset S4 Universeel			
		069.5000		Drawn AVDB 12-9-2011	Sheet 1/8
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	DO NOT SCALE DRAWING		Remarks -	PGM -	Drawn AVDB 12-9-2011
		Qty per Machine	Weight kg	Scale 1:20	Release PV 29-8-2017
					Revision -

069.5000.04 - ZRref

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Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

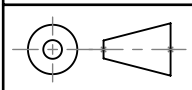
Stickerset S4
 Universeel



069.5000

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



Remarks	-
Qty per Machine	Weight
	kg


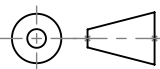
PGM	-
Scale	1:20

Drawn	AVDB	12-9-2011	Sheet	2/8
Release	PV	29-8-2017	Revision	-

069.5000.04 - Z-Ref

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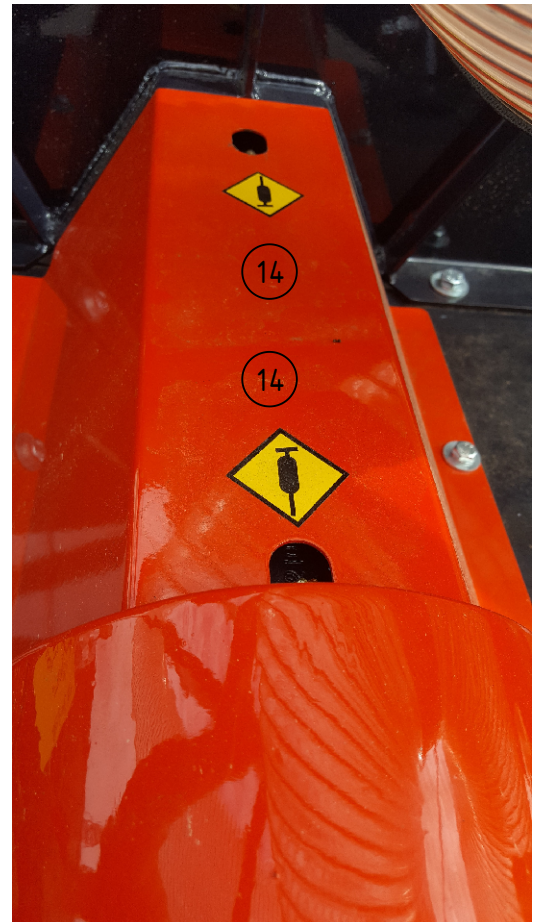


Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-CL Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Stickerset S4 Universeel			
				069.5000	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks - Qty per Machine Weight	PGM - Scale 1:20	Drawn AVDB 12-9-2011 Release PV 29-8-2017 Sheet 3/8 Revision -

069.5000.04 - Z-Ref



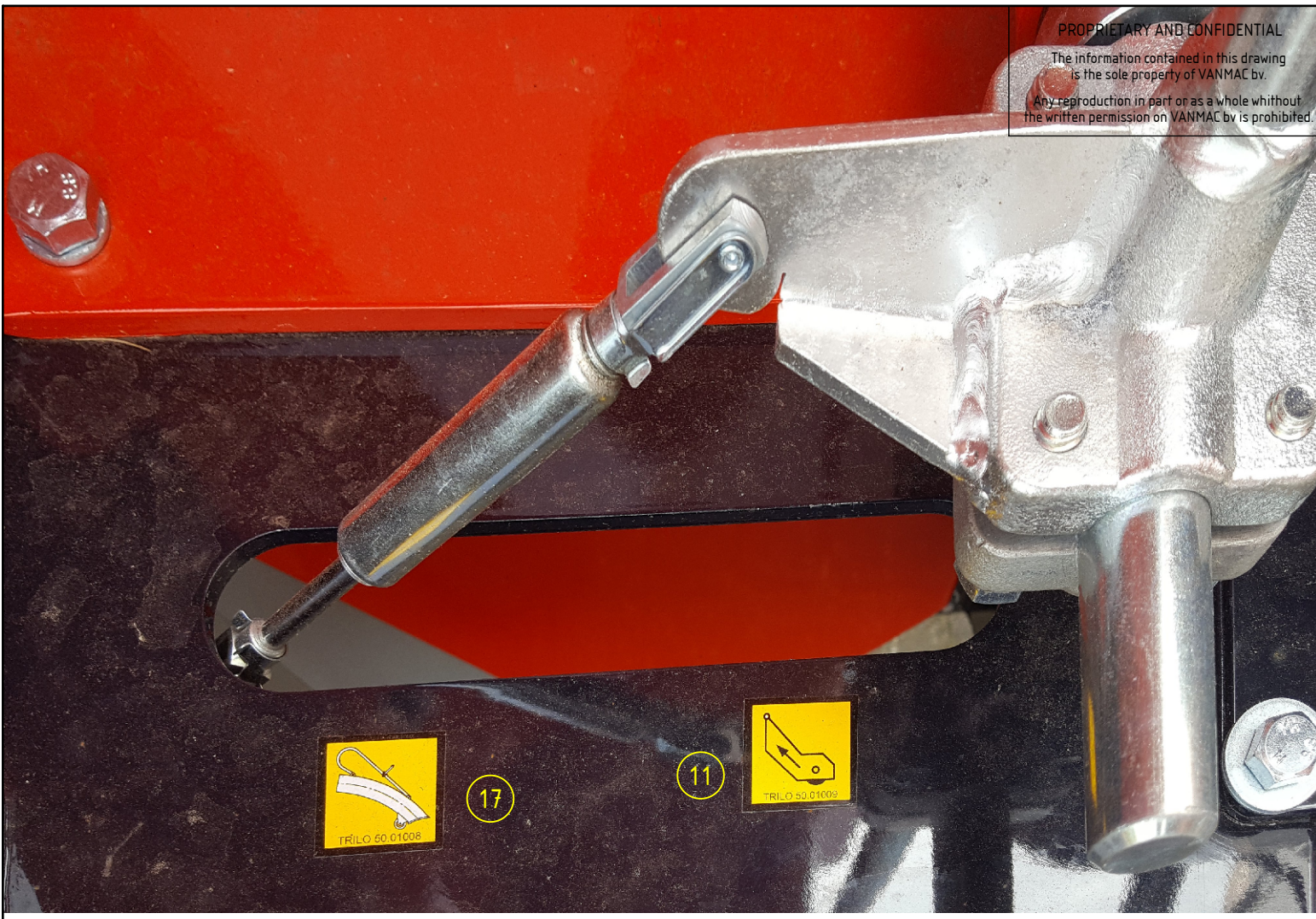
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Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Stickerset S4 Universeel				
		Remarks - Qty per Machine - Weight kg			PGM - Scale 1:20	Drawn AVDB 12-9-2011 Release PV 29-8-2017
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	DO NOT SCALE DRAWING		Remarks - Qty per Machine - Weight kg	PGM - Scale 1:20	Drawn AVDB 12-9-2011 Release PV 29-8-2017	Sheet 4/8 Revision -

069.5000.04 - ZRef

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<p>Remove welding spatter Sheet metal unscratched</p> <p>Debur / Break sharp edges</p>	<p>Precision Casting: ISO 8062-3 DCTG-8</p> <p>DO NOT SCALE DRAWING</p>		<p>Remarks -</p> <p>Qty per Machine</p> <p>Weight</p>	<p>PGM -</p> <p>Scale 1:20</p>	<p>Drawn AVDB 12-9-2011</p> <p>Release PV 29-8-2017</p>	<p>Sheet 5/8</p> <p>Revision -</p>

069.5000.04-2Ref

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TRILO Vacuum sweeper	
Model/Vacuum sweeper	Light Weight 2330 KG
Type S4	Max Axle Load 4200 KG
SN 170320	Max Hitch Load 1300 KG
Year 2017	Overall Weight 5300 KG
Air Flow 315 m³/min	
Loading Capacity 4.1 m³	
PTO Speed 540 RPM	
PTO Power DIN 31 kW	
Hydraulic 60 l/min - 190 bar	
Max Traveling Speed 25 km/h	
Max Tyre Pressure 2.6 bar	
<small>Vanmac Bv Fabrikweg 30 3825 MJ Amersfoort The Netherlands</small>	

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Stickerset S4 Universeel			
		069.5000		Drawn AVDB 12-9-2011	Sheet 6/8
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	DO NOT SCALE DRAWING		Remarks - Qty per Machine Weight kg	PGM - Scale 1:20	Release PV 29-8-2017

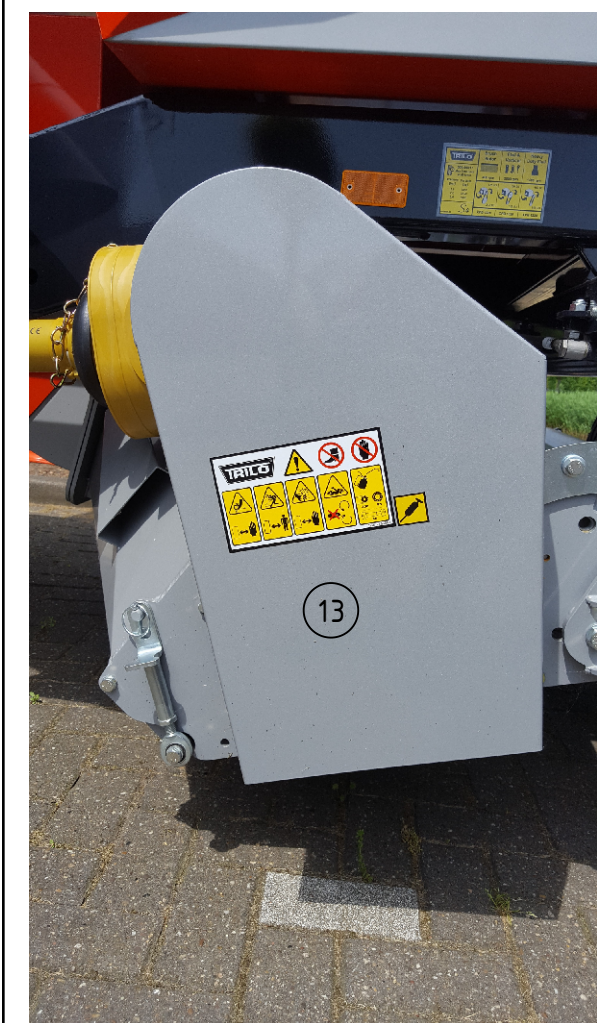
069.5000.04-ZRef

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TRILO		Brush Rotor	Flail & Verticut	Heavy Duty Flail
508-50717 Max Type Load at 40 km/h		400 rpm	2000 rpm	1400 rpm
Pressure	Per Axle	120 kN	180 kN	150 kN
Bar1	(kg)	3000	4500	5000
2.0				
2.4				
S4		XPB 1320	XPB 1330	XPB 1320

18



13


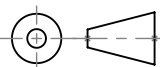
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Stickerset S4 Universeel				
					069.5000	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks	-	PGM	-
		Qty per Machine	Weight	kg	Scale	1:20

069.5000.04 - Zref

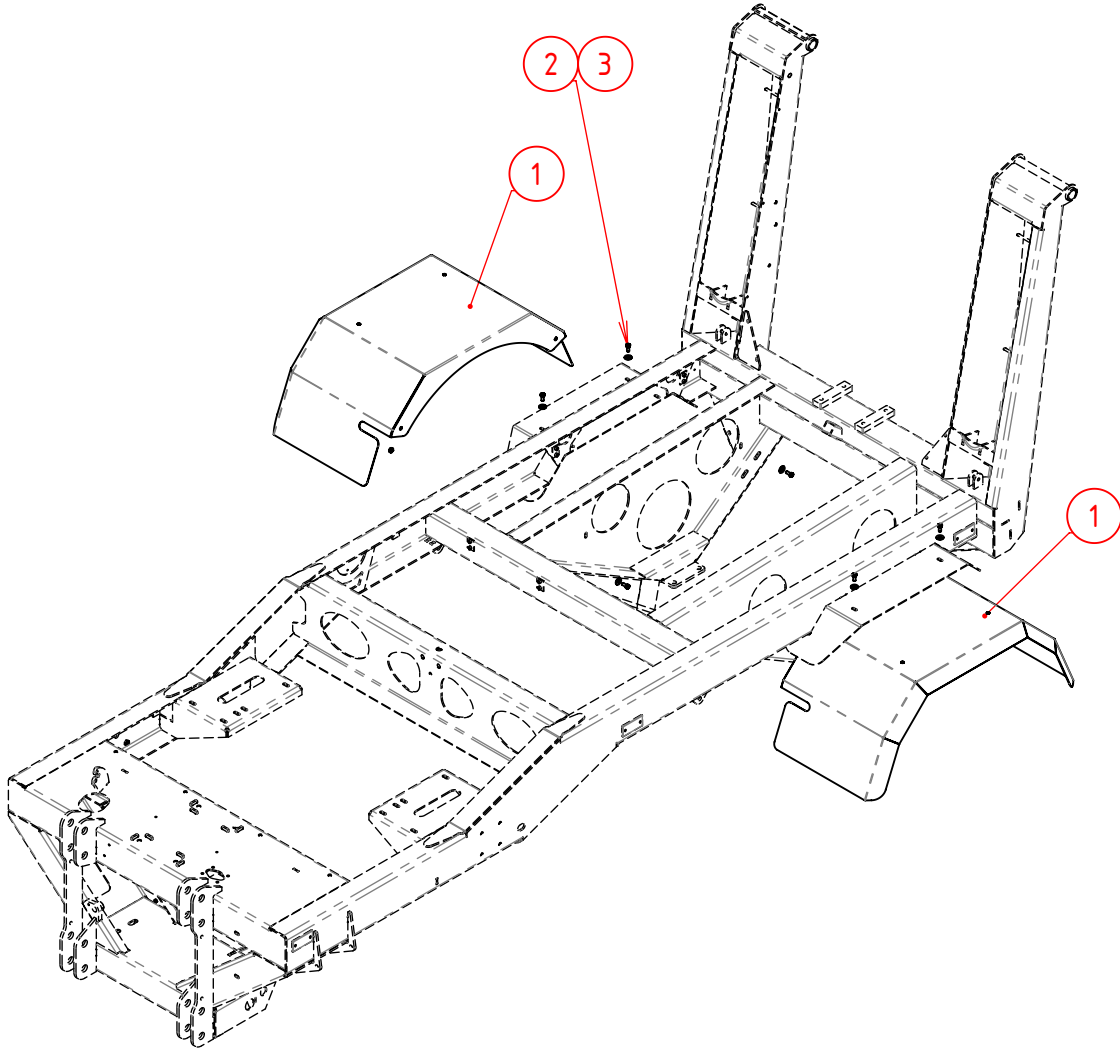
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19	1	70.50020	Sticker - TRILO (m)	Beeldmerk Zwart/wit 240x80mm			
18	1	069.5000.06	Sticker - Aandrijving & Banden	Geel/Zwart 9x14cm			
17	1	50.01008	Sticker - Handloopslang	Pictogram Geel/zwart 30x30mm			
16	6	KR.8RA003326077	Reflector Geel	40x90mm Zelfklevend			
14	11	45.50060	Sticker - Hier Smeren	Pictogram Geel/zwart 30x30mm			
13	1	50.03000	Instructiesticker borstelmonde	175x100mm			
12	1	30.50020	Sticker - Danger Keep H&f Away	Pictogram Ge-zw-wit-r 95x100mm			
11	1	50.01009	Sticker - Borstelmond	Pictogram Geel/zwart 30x30mm			
10	1	15.50001	Typeplaat algemeen	sticker 100 X 100mm			
9	2	15.51030	Sticker - Stop Voor Onderhoud	Pictogram Geel/zwart 40x70mm			
8	1	15.51180	Sticker - Borstelmond Op/neer	Pictogram Geel/zwart 40x40mm			
7	1	15.51190	Sticker - Container Op/neer	Pictogram Geel/zwart 40x40mm			
6	1	50.01003	STICKER 540 rpm	58x103mm			
5	1	069.5000.05	Instructiesticker S4 Zuigwagen	25x15.5mm (hoogkippers)			
4	1	70.50020	Sticker - TRILO (m)	Beeldmerk Zwart/wit 240x80mm			
3	1	70.50030	Sticker - TRILO (l)	Beeldmerk Zwart/wit 360x110mm			
2	2	70.50040	Sticker - TRILO (xl)	Beeldmerk Zwart/wit 460x160mm			
1	2	069.5000.03	Sticker - S4	Groen+Zwart 36.5x65cm			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Stickerset S4 Universeel				
					069.5000	
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks - Qty per Machine Weight kg	PGM - Scale 1:20	Drawn AVDB 12-9-2011 Release PV 29-8-2017	Sheet 8/8 Revision -	

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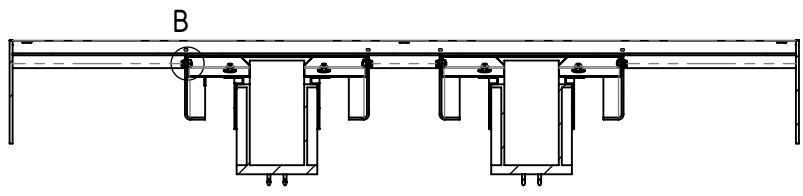


3	8	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
2	8	90.933820	Tapbout M8x20				
1	2	069.5010.02	Spatbord L&R	S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

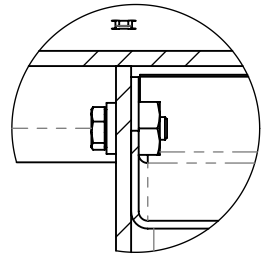
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Spatborden S4					069.5010	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	Remarks Qty per Machine	Weight 436.79 kg				

069.5011-ZRef

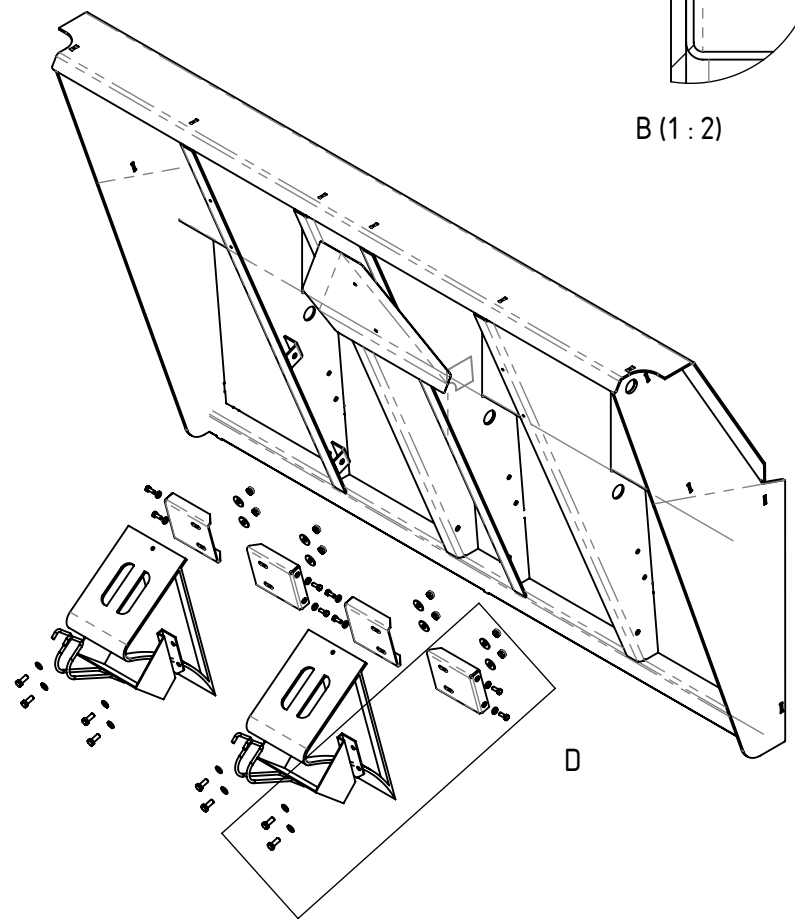
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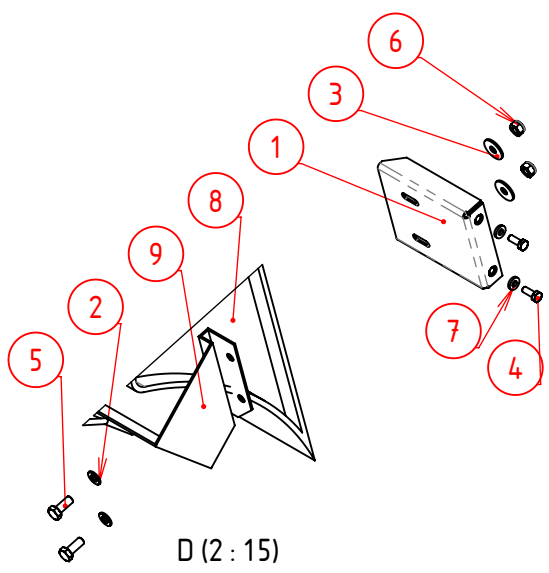
A-A



B (1 : 2)



D



D (2 : 15)

9	2	MC.697001460H	Wielkeghouder Verzinkt				
8	2	MC.697001460	Wielkeg Verzinkt Radius 460				
7	8	90.NL06SPGEL	Borgring Nordlock Gel. P/p M6	grote buitendiameter			
6	8	90.9858	Zelfborgende Moer M8				
5	8	90.933820	Tapbout M8x20				
4	8	90.933616	Tapbout M6x16				
3	8	90.73498	Carr.Ring M8 Dik	8,4x21x4mm verzinkt			
2	8	90.125A8	Sluistring M8				
1	4	069.5011.02	Steun wielkeg				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
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 3824 MJ AMERSFOORT
 the Netherlands

Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

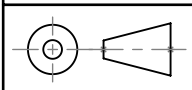
Wielkeggen S4



069.5011

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



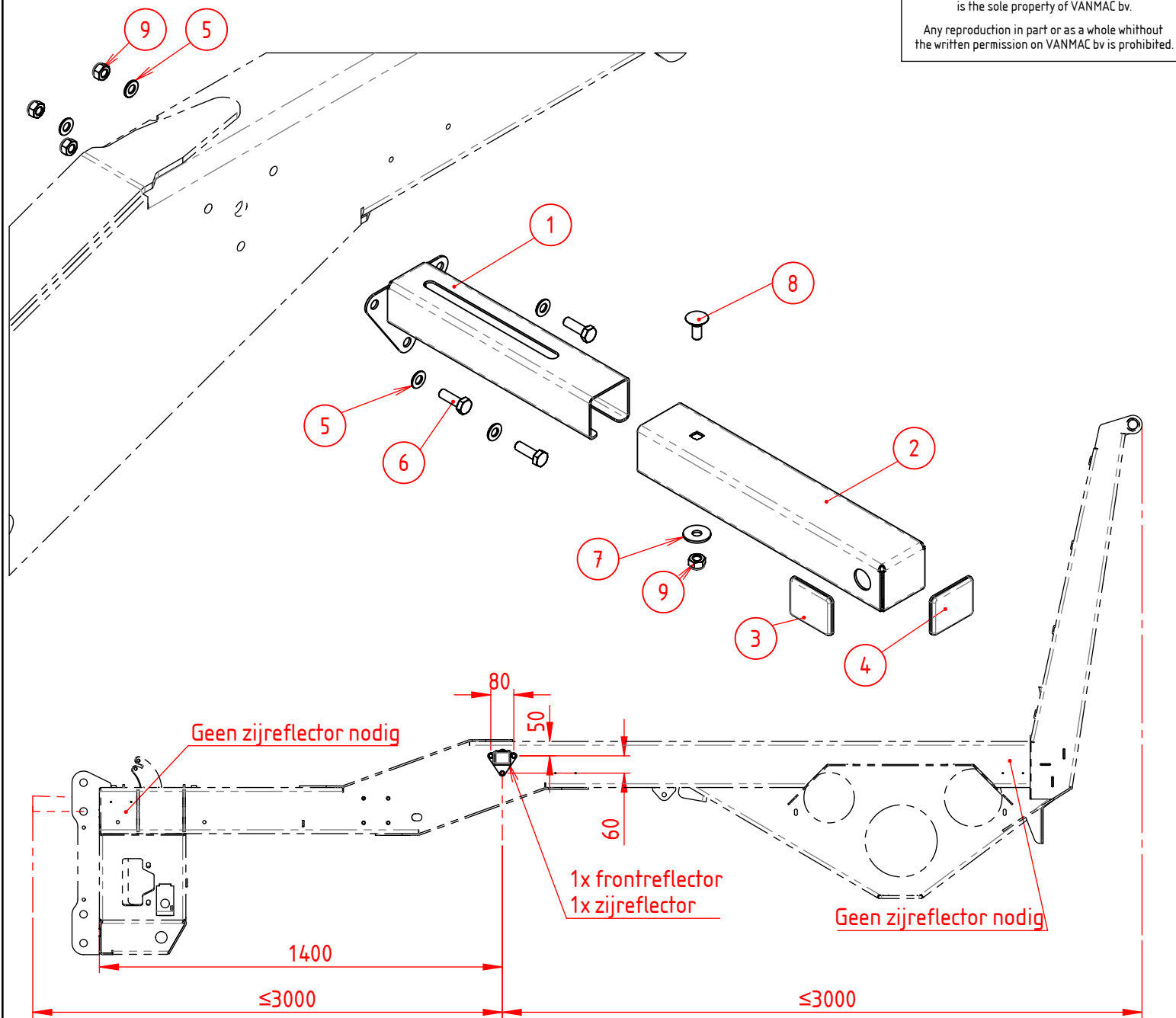
Remarks		PGM
Qty per Machine	1	Scale
Weight	141.31 kg	1:15

Drawn	Release
PCL 30-1-2017	PV 27-3-2017

Sheet	Revision
1/1	-

069.7000-ZRef

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9	8	90.9858	Zelfborgende Moer M8				
8	2	90.60382088	Slotbout M8x20 kw 8.8				
7	2	90.9021A8	Carr.Ring M8				
6	6	90.933825	Tapbout M8x25				
5	12	90.125A8	Sluitring M8				
4	2	KR.LA75011	Reflector vierkant Oranje	40x50mm zelfklevend			
3	2	KR.LA75010	Reflector vierkant Wit	40x50mm zelfklevend			
2	2	063.7000.14	Binnenkoker Reflectorsteun				
1	2	063.7000.13	Buitenkoker Front/Zijreflector				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Front- en zijreflectors

EU 2015/208

Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	PCL 1-3-2018	1/1
Weight	1:20	Release	Revision
0.43 kg	1:20	TS 24-5-2018	-

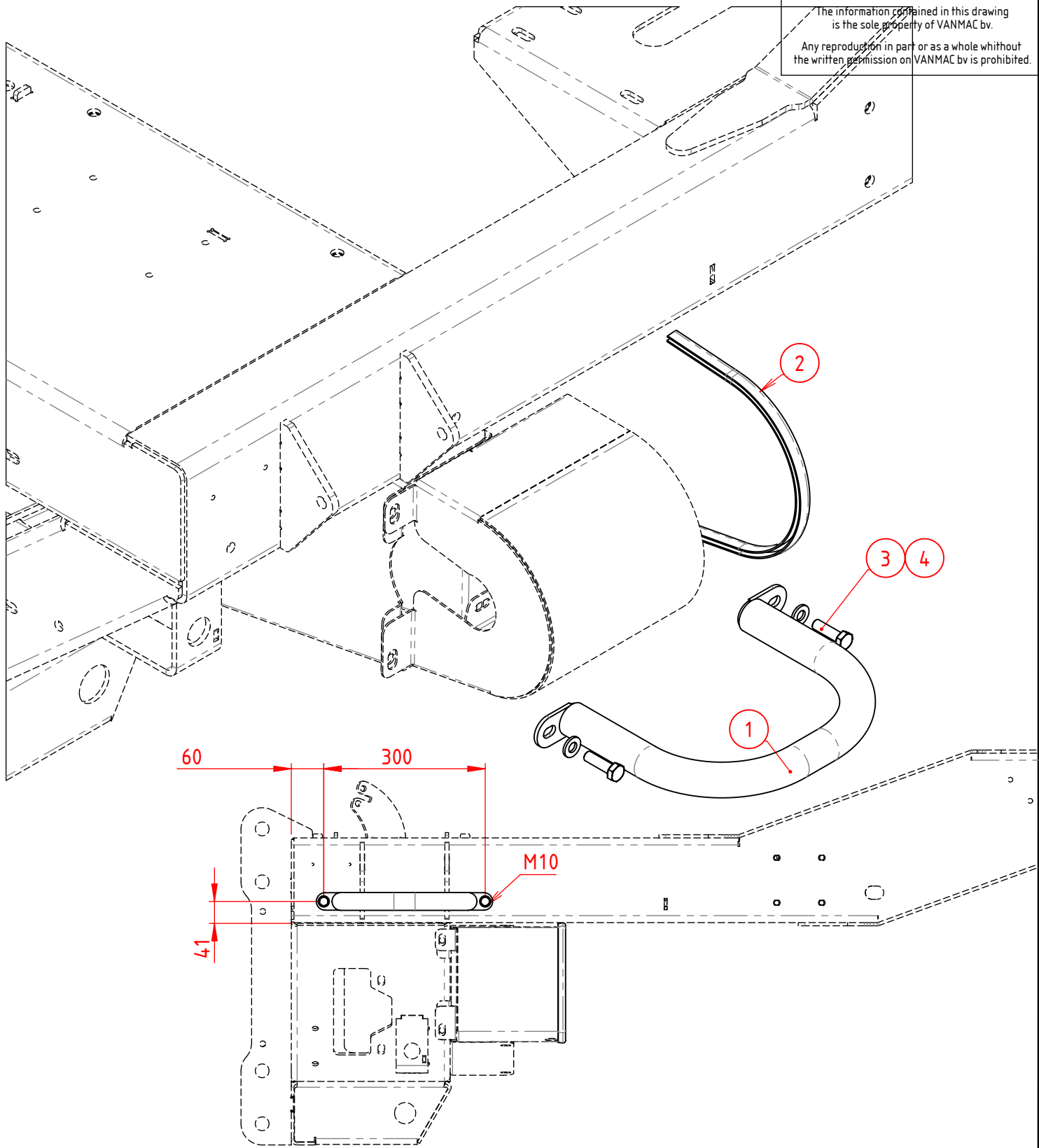
TRILO

069.7000

069.7002-Z-Rev

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Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
4	2	90.9331016	Tapbout M10x16				
3	2	90.NL10SPGEL	Borgring Nordlock Gel. P/p M10	grote buitendiameter			
2	1	KR.CA0405	Zelfklemmend U-Profiel 2.4mm	14x9 mm	475		
1	1	069.7002.03	Beugel Frontaandrijving				

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Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

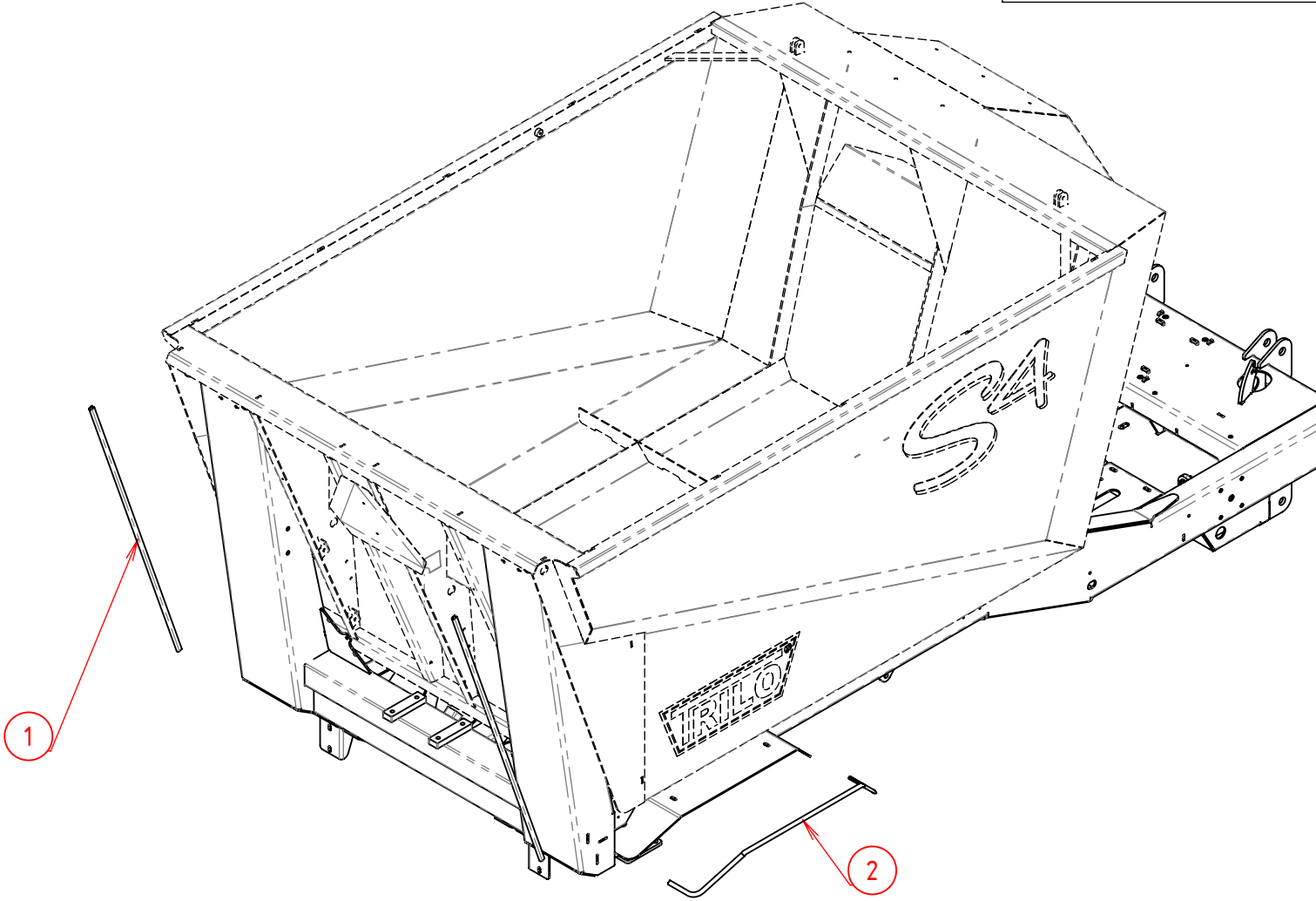
Afscherming S4 aandrijving

	Remarks	PGM	Drawn PCL 22-3-2018 Sheet 1/1 Release PCL 22-3-2018 Revision -
	Qty per Machine	Weight	

436.98 kg

069.7002

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Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening
2	2	DG.2005068	Zelfklemmend U-profiel 6 - 8mm	16x11mm rol a 50m	1125		
1	2	DG.2005068	Zelfklemmend U-profiel 6 - 8mm	16x11mm rol a 50m	1150		

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Tolerances unless stated:
 ISO 2768-mK
 Sheet-Metal Bending:
 ISO 2768-cl

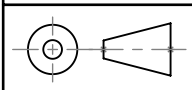
Randafwerking Container S4



069.7003

Remove welding spatter
 Sheet metal unscratched
 Debur / Break sharp edges

Precision Casting:
 ISO 8062-3 DCTG-8
 DO NOT SCALE DRAWING



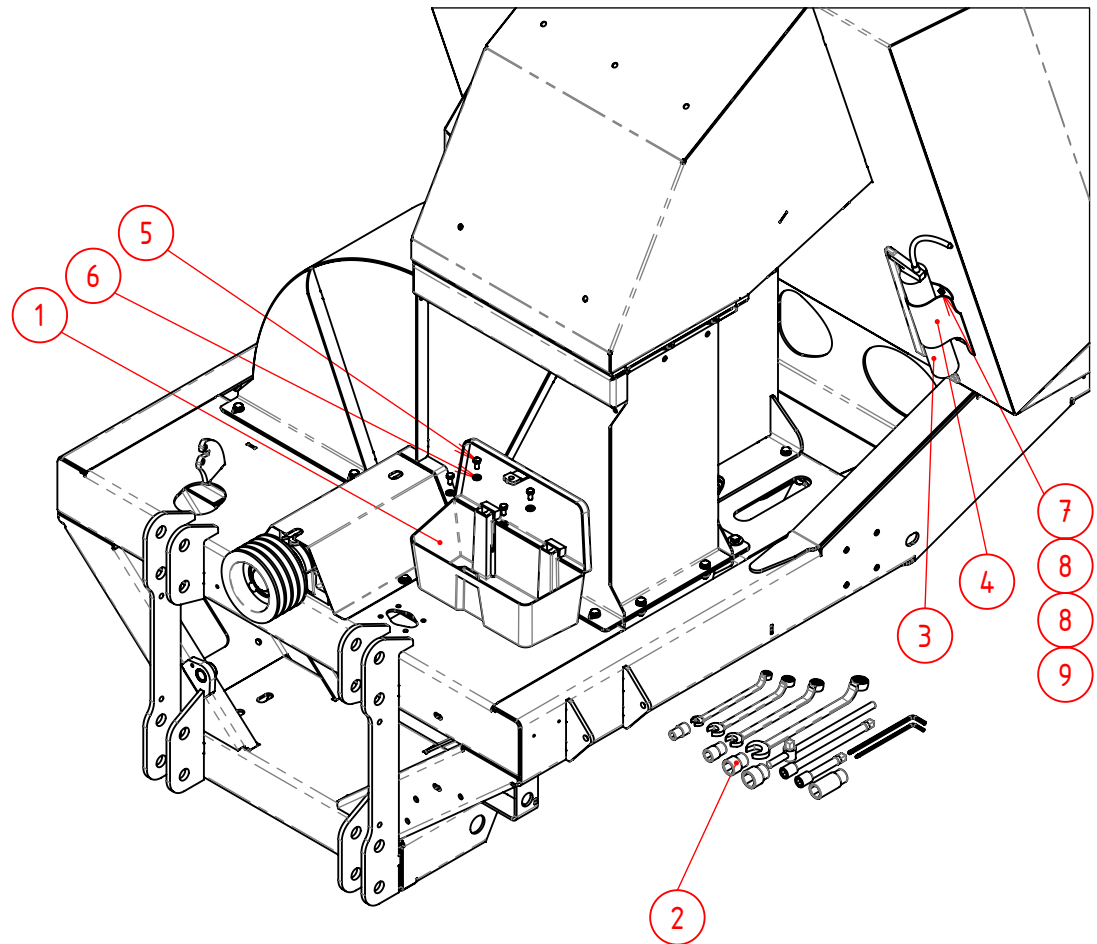
Remarks	PGM	-
Qty per Machine	Weight	799.43 kg

Scale	1:20
-------	------

Drawn	PCL	19-3-2018	Sheet	1/1
Release	PCL	19-3-2018	Revision	-


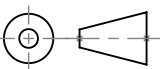
069.9800-Zref

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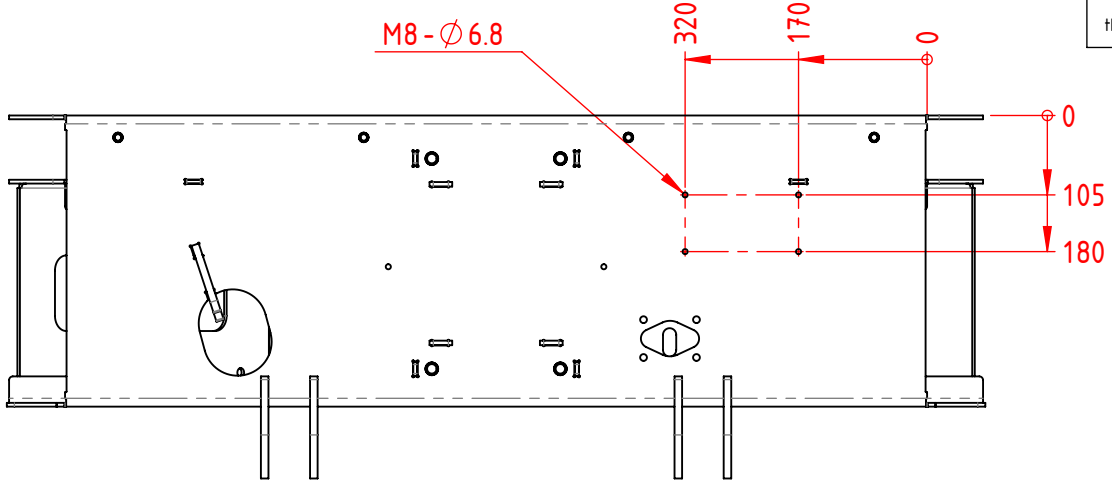
Boorpatronen zie sheet 2

9	4	90.9856	Zelfborgende Moer M6				
8	8	90.125A6	Sluistring M6				
7	4	90.933616	Tapbout M6x16				
6	4	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
5	4	90.933816	Tapbout M8x16				
4	1	KR.44842GROZ	Vetspuihouder HD				
3	1	KR.42721GROZ	Vetspuit	Schaarvetspuit HD met slang			
2	1	056.9800.11	Gereedschapset S8-20	Metrisch / klein onderhoud			
1	1	056.9800.01	Gereedschapkast bewerkt				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

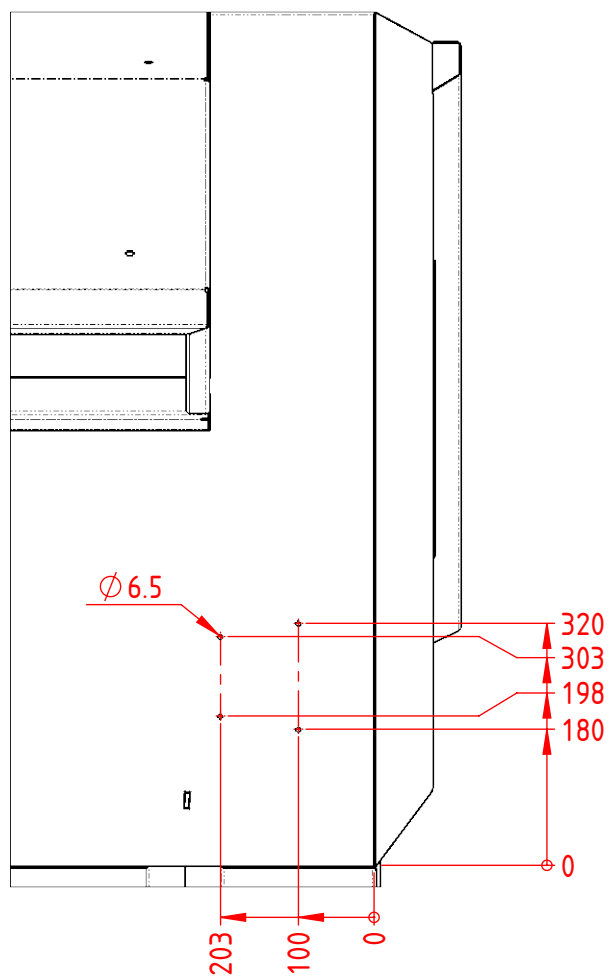
Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Gereedschapset+vetspuit S4 Metrisch/klein onderhoud			 069.9800	
		Remove welding spatter Sheet metal unscratched Debur / Break sharp edges		Remarks Qty per Machine	Weight 1190.18 kg	PGM Scale 1:15

069.9800-ZRef

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Boorpatroon Ger. kist



Boorpatroon vetspuihouder

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Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges


Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

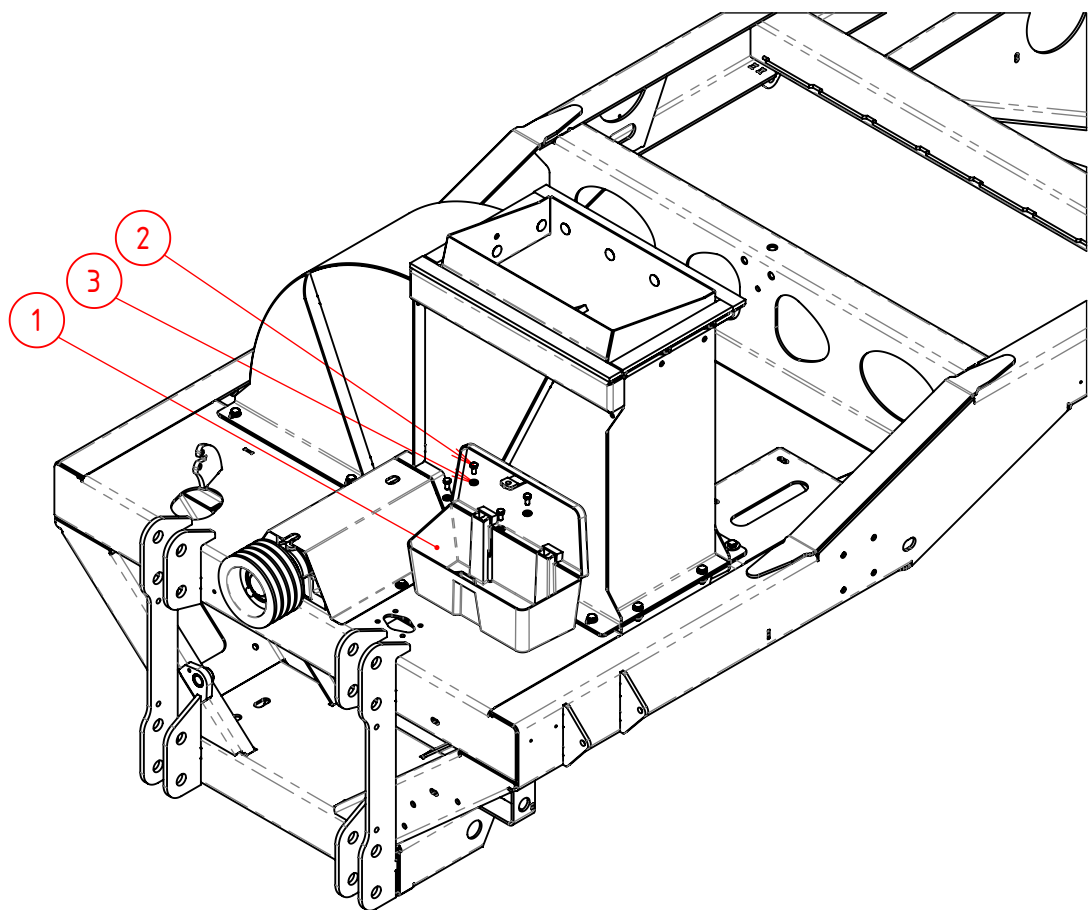
DO NOT SCALE DRAWING

<p>Gereedschapset+vetspuit S4</p> <p>Metrisch/klein onderhoud</p>		PGM	-	Drawn	TS 12-1-2018	Sheet	2/2
		Scale	1:10	Release	TS 12-1-2018	Revision	-
Remarks	Qty per Machine	Weight					
	1	91.49 kg					



069.9800

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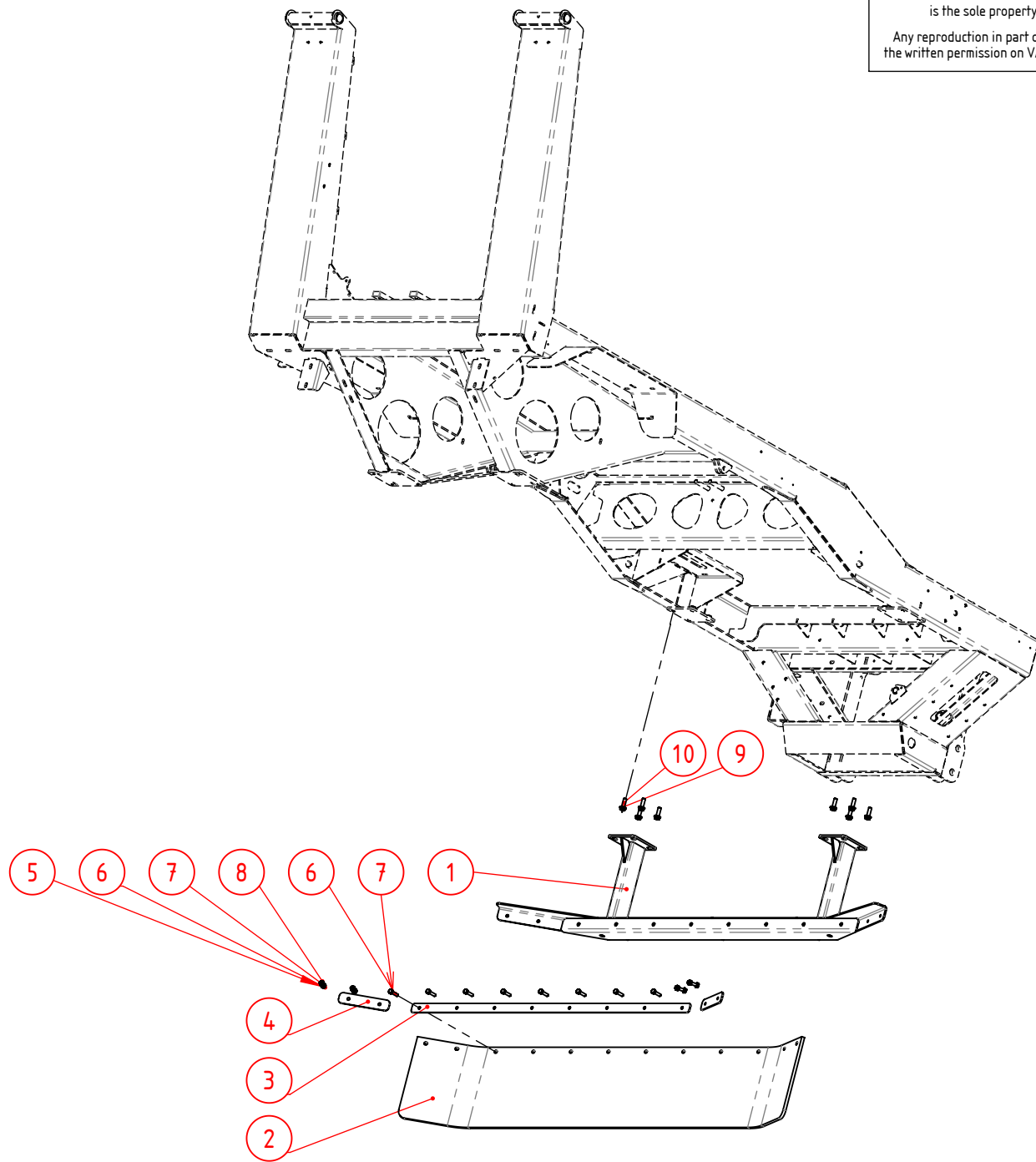
Boorpatronen zie sheet 2

3	4	90.NL08SPGEL	Borgring Nordlock Gel. P/p M8	grote buitendiameter			
2	4	90.933820	Tapbout M8x20				
1	1	056.9800.01	Gereedschapkast bewerkt				
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Gereedschapskist S4 (leeg)				
					Remarks Qty per Machine	Weight 604.17 kg
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges	DO NOT SCALE DRAWING				Drawn TS 12-1-2018 Release TS 12-1-2018	Sheet 1/2 Revision -

069.9810-Zref

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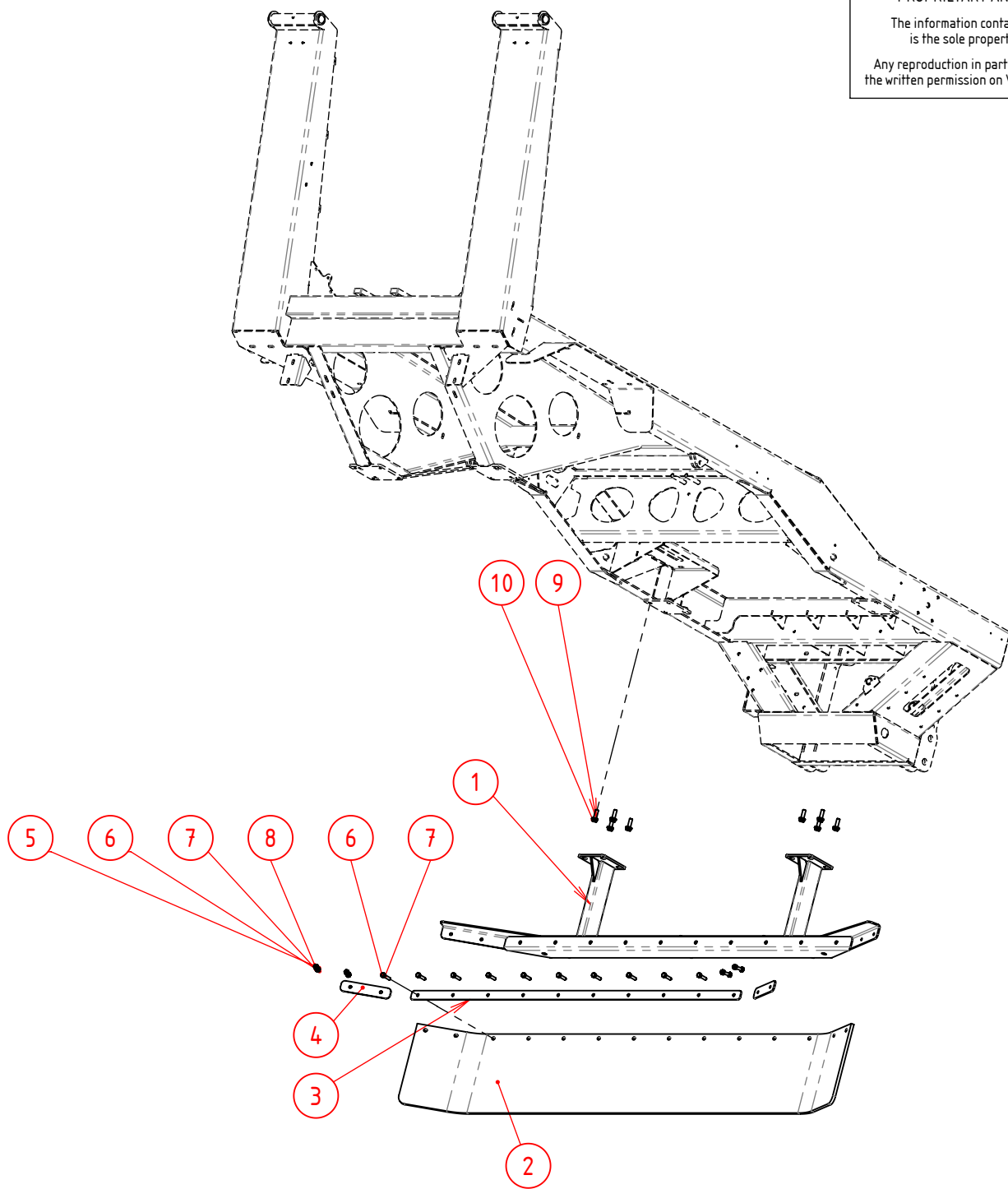


10	8	90.9331240	Tapbout M12x40				
9	8	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
8	4	90.93410	Moer M10				
7	12	90.NL10GEL	Borgring Nordlock Gel. P/p M10				
6	12	90.9311040	Zeskantbout M10x40				
5	4	90.125A10	Sluitring M10				
4	2	056.9810.28	Strip Kort				
3	1	056.9810.27	Strip Lang				
2	1	056.9810.30	Rubber Scherm 1.80m				
1	1	069.9810.24	Frame Frontafscherming 1.80m	S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Frontafscherming 1.80m S4					
		S4			069.9810		
Remove welding spatter Sheet metal unscratched Debur / Break sharp edges			Remarks Qty per Machine	Weight 476.91 kg	PGM Scale 1:25	Drawn JVZ 11-1-2018 Release JVZ 15-1-2018	Sheet 1/1 Revision -

069.9820-Zref

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10	8	90.9331240	Tapbout M12x40				
9	8	90.NL12SPGEL	Borgring Nordlock Gel. P/p M12	grote buitendiameter			
8	4	90.93410	Moer M10				
7	14	90.NL10GEL	Borgring Nordlock Gel. P/p M10				
6	14	90.9311040	Zeskantbout M10x40				
5	4	90.125A10	Sluitring M10				
4	2	056.9810.28	Strip Kort				
3	1	056.9820.27	Strip Lang				
2	1	056.9820.30	Rubber Scherm 2.10m				
1	1	069.9820.24	Frame Frontafscherming 2.10m	S4			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cl

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Frontafscherming 2.10m

S4

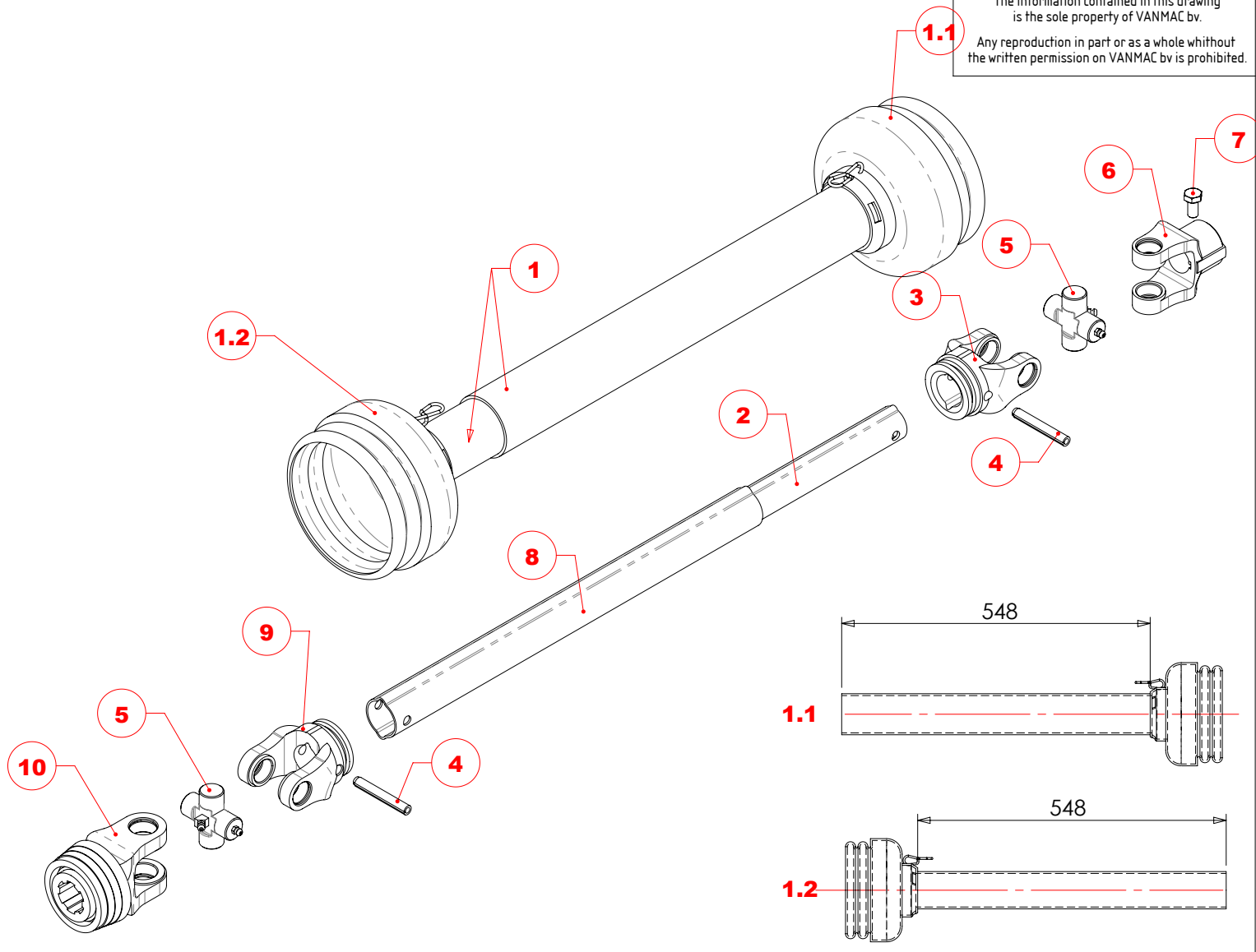
Remarks	PGM	Drawn	Sheet
Qty per Machine	Scale	JVZ 15-1-2018	1/1
Weight	1:25	Release	Revision
481.98 kg		JVZ 15-1-2018	-

069.9820

1001.030110-10-Zref

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10	1	KR.208300	Gaffel QS 1-3/8-6dlg	W2200			
9	1	KR.201200	Gaffel voor buis 1	W2200			
8	1	KR.751500	Profielbuis 1 2900 mm	48 x 41 x 3	613		
7	1	90.9331016	Tapbout M10x16				
6	1	KR.203005	Gaffel Ø30 + 8mm spie + taggat	W2200			
5	2	KR.200000	Kruisstuk	W2200			
4	2	KR.14811070	Holspie 10x70				
3	1	KR.201100	Gaffel voor buis 0v	W2200			
2	1	KR.751100	Profielbuis 0V 2900 mm	40 x 34,5 x 4	598		
1.2	1	KR.SD151000I	Afscherming 1000 bi-buis	W2200 / W2300			
1.1	1	KR.SD151000A	Afscherming 1000 bu-buis	W2200 / W2300			
1	1	KR.SD151000	Afscherming Cpl.	W2200 / W2300			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

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Remove welding spatter
Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
ISO 2768-mK

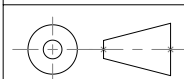
Sheet-Metal Bending:
ISO 2768-cl

Precision Casting:
ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Aftakas W2200-710

Met 1xGaffel Ø30 1xØ1 3/8"



Remarks	-
Qty per Machine	
Weight	kg

PGM	-
Scale	1:6

Drawn	PCL	17-11-2011
Release	PV	15-2-2017

Sheet	1/1
Revision	A

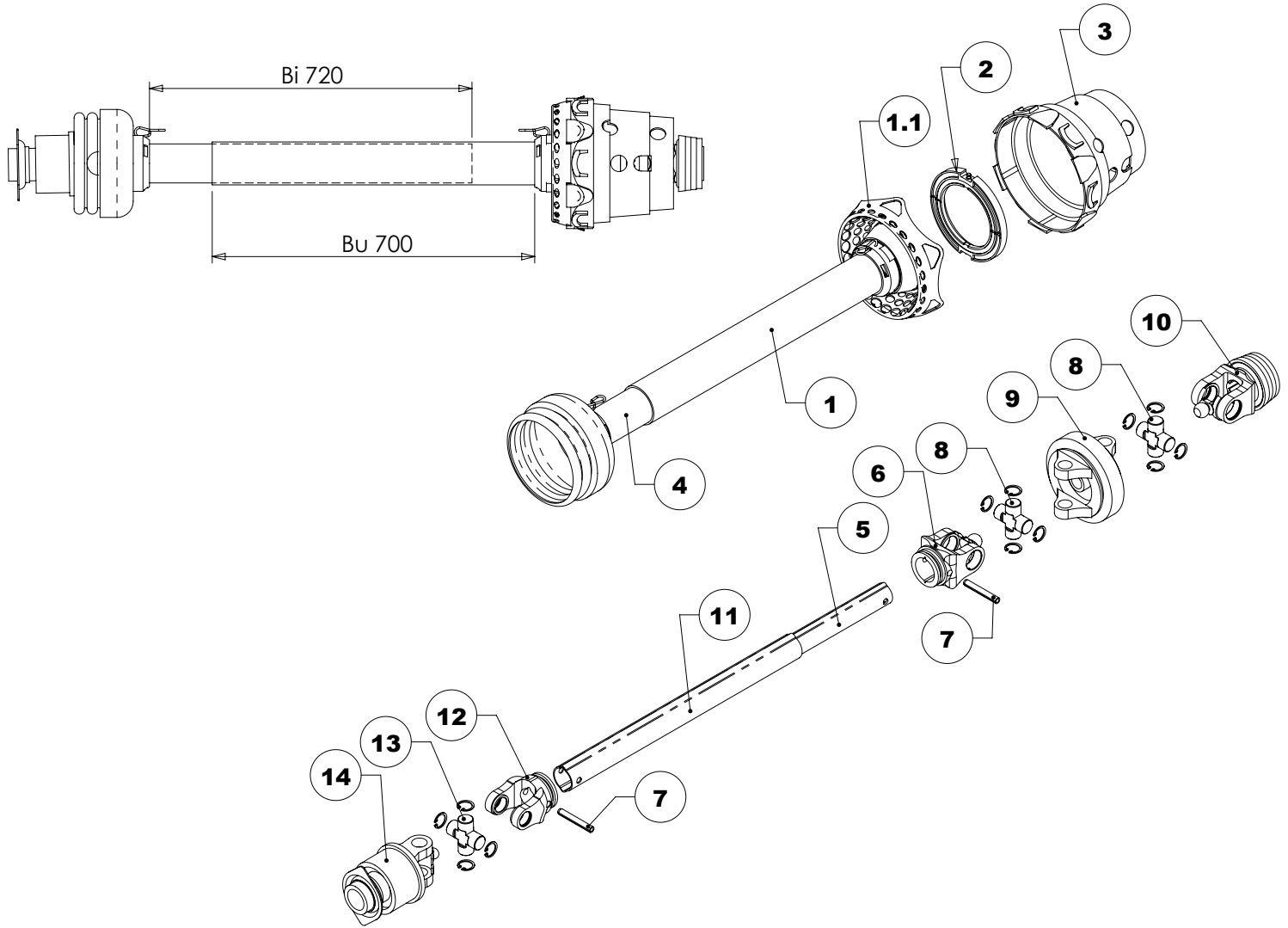


IN.01-030110

1001.0301-0-20-ZRef

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	pos.5 was KR.751100 /pos.11 was kr.751500	29-09-17	PCL
B	Correctie kruisstukken: cupsmering ivp centrale smering	02-10-17	TS



14	1	KR.5614140	Vrijlooppkoppeling W2300-F5/1 R	Overrunning clutch	Freilaufkupplung	spline 1-3/8" (6)
13	1	KR.2100141	Kruisstuk	Joint cross	Kreuzgarnitur	W2300 smeernippel mi
12	1	KR.211200	Gaffel voor buis 1	Yoke	Gabel	W2300
11	1	KR.7516001000	Profielbuis 1G 1000 mm	Profiled tube	Profilrohr	
10	1	KR.2183810	Gaffel QS 1-3/8 groothoek	Yoke	Gabel	W2380
9	1	KR.219105	Dubbelgaffel groothoek 80°	Double Yoke 2380	Gabel	W2380
8	2	KR.2106141	Kruisstuk groothoek	Joint cross	Kreuzgarnitur	W2300 Smering op cup
7	2	KR.14811070	Holspie 10x70	Tightening pin	Spannhülse	
6	1	KR.2111810	Gaffel voor buis 0v gr.h.	Yoke	Gabel	W2380
5	1	KR.7511911000	Profielbuis 0v-Ga 1000 mm	Profiled tube	Profilrohr	
4	1	KR.SD1510001	Afscherming 1000 bi-buis	Guard	Schutzhaube	W2200 / W2300
3	1	KR.850101	Beschermkap SD15-2380 FLEXO	Guard	Schutzhaube	W2380
2	1	KR.828313	Glijring SC15	Sliding Ring	Gleitring	W2380
1.1	1	KR.851562	Beschermkap Flexo Element	Flexo Element	Flexo Element	
1	1	IN.01-030139	Halve afsch. Groothoek FLEXO A	Wide Angle	Weitwinkel	W2280 / W2380
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

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Aftakas WWE2380-1010-F5/1R
Met Vrijlooppkoppeling

WW Gelenkwelle m. Freilaufkupp
WWE2380-1010-F5/1R

Wide Angle PTO Overrunn.Clutch
WWE2380-1010-F5/1R



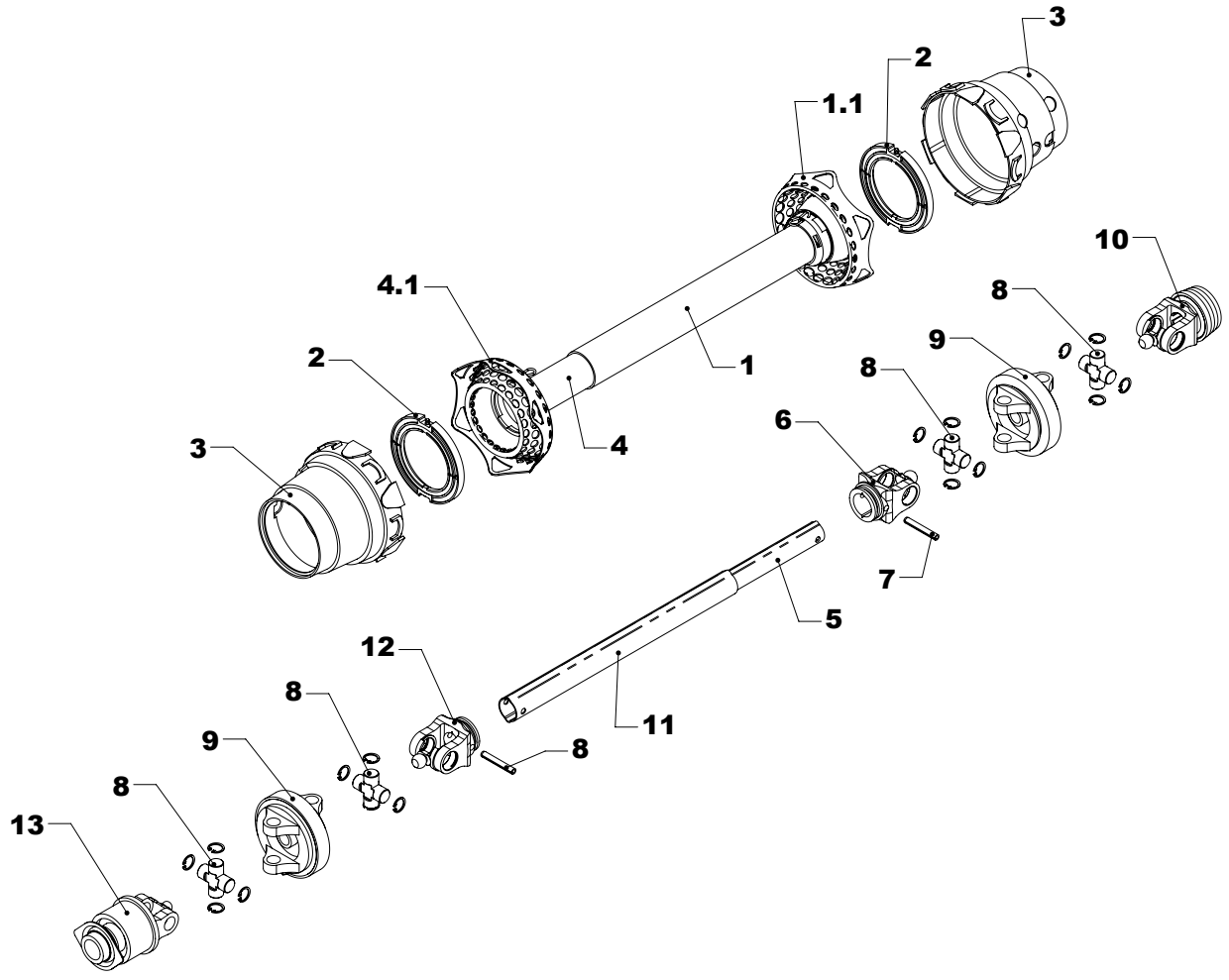
IN.01-030120

Drawn	- 1-1-2000	Sheet	1/1
Revised	TS 10-10-2017	Revision	B

1001.0301-0-23-ZRef

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Pos5 was KR.751100, pos11 was KR.751500	10-10-17	TS



13	1	KR.5618040	Vrijlooppkoppeling W2380 F5/1R	Overrunning clutch	Freilaufkupplung	W2380
12	1	KR.2112810	Gaffel voor buis 1 gr.h.	Yoke	Gabel	W2380
11	1	KR.7516001000	Profielbuis 1G 1000 mm	Profiled tube	Profilrohr	
10	1	KR.2183810	Gaffel QS 1-3/8 groothoek	Yoke	Gabel	W2380
9	2	KR.219105	Dubbelgaffel groothoek 80°	Double Yoke 2380	Gabel	W2380
8	4	KR.210600	Kruisstuk	Joint Cross	Kreuzgarnitur	W2380
7	2	KR.14811070	Holspie 10x70	Tightening pin	Spannhülse	
6	1	KR.2111810	Gaffel voor buis 0v gr.h.	Yoke	Gabel	W2380
5	1	KR.7511911000	Profielbuis 0v-Ga 1000 mm	Profiled tube	Profilrohr	
4.1	1	KR.851562	Beschermkap Flexo Element	Flexo Element	Flexo Element	
4	1	IN.01-030140	Halve afsch. Groothoek FLEXO I	Wide Angle	Weitwinkel	W2280 / W2380
3	2	KR.850101	Beschermkap SD15-2380 FLEXO	Guard	Schutzhaube	W2380
2	2	KR.828313	Glijring SC15	Sliding Ring	Gleitring	W2380
1.1	1	KR.851562	Beschermkap Flexo Element	Flexo Element	Flexo Element	
1	1	IN.01-030139	Halve afsch. Groothoek FLEXO A	Wide Angle	Weitwinkel	W2280 / W2380
Item	QTY	Reference	Omschrijving	Description	Benennung	Opmerking

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Aftakas WW2380-1010-F5/1R
Met Vrijlooppkoppeling

WW Gelenkwelle m Freilauf
WW2380-1010-F5/1R

Wide Angle PTO Overrunn.Clutch
WW2380-1010-F5/1R

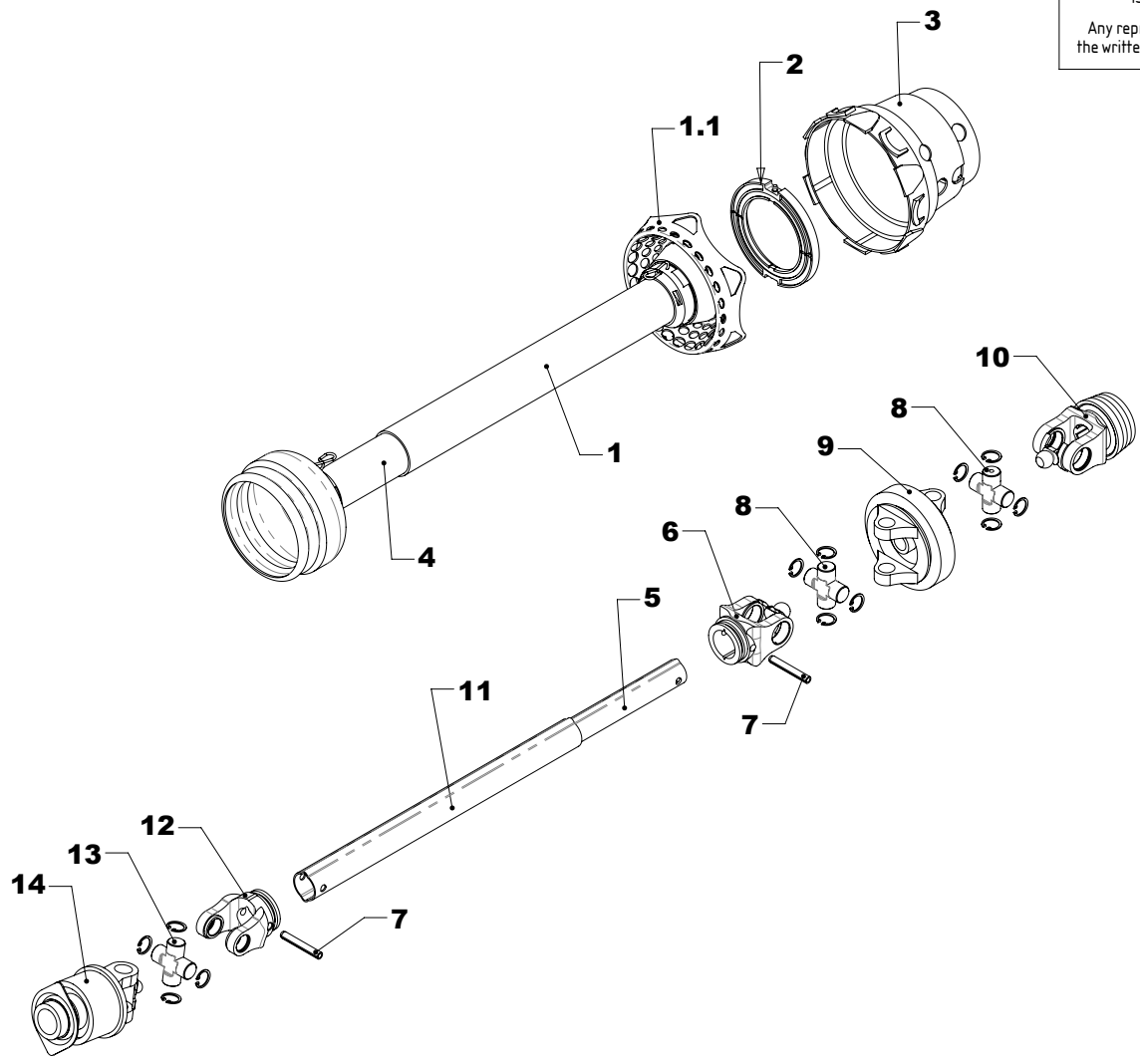


IN.01-030123


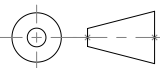
Drawn	-	1-1-2000	Sheet	1/1
Revised	TS	10-10-2017	Revision	A

in.01-030161-2Ref

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14	1	KR.5614440	Vrijlooppkoppeling W2400-F5/1R	spline 1-3/8 " (6)			
13	1	KR.350000	Kruisstuk	W2400			
12	1	KR.351400	Gaffel voor buis 2a	W2400			
11	1	KR.753500	Profielbuis 2A 2900 mm	57,5 x 48 x 4	2900		
10	1	KR.358312	Gaffel QS 1-3/8-Z21 grooth.	W2480			
9	1	KR.354105	Dubbelgaffel groothoek 80°	W2480			
8	2	KR.350600	Kruisstuk	W2480			
7	2	KR.14811070	Holspie 10x70				
6	1	KR.351310	Gaffel voor buis 1b grooth.	W2480			
5	1	KR.752500	Profielbuis 1B 2900 mm	49 x 39,5 x 4,5	2900		
4	1	KR.SD251000I	Afscherming 1000 bi-buis	W2400 / W2500			
3	1	KR.850102	Beschermkap SD25-2480 FLEXO	W2480			
2	1	KR.828314	Glijring SC25	W2480			
1.1	1	KR.852562	Flexo Element				
1	1	IN.01-030142	Halve afsch. Groothoek FLEXO A	W2480 / W2580			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV Astronaut 40 3824 MJ AMERSFOORT the Netherlands	Tolerances unless stated: ISO 2768-mK Sheet-Metal Bending: ISO 2768-cl Precision Casting: ISO 8062-3 DCTG-8 DO NOT SCALE DRAWING	Aftakas WWE2480-1210-F5/1R Met Vrijlooppkoppeling+ Z21					
					Remarks - Qty per Machine	Weight kg	PGM Scale 1:10

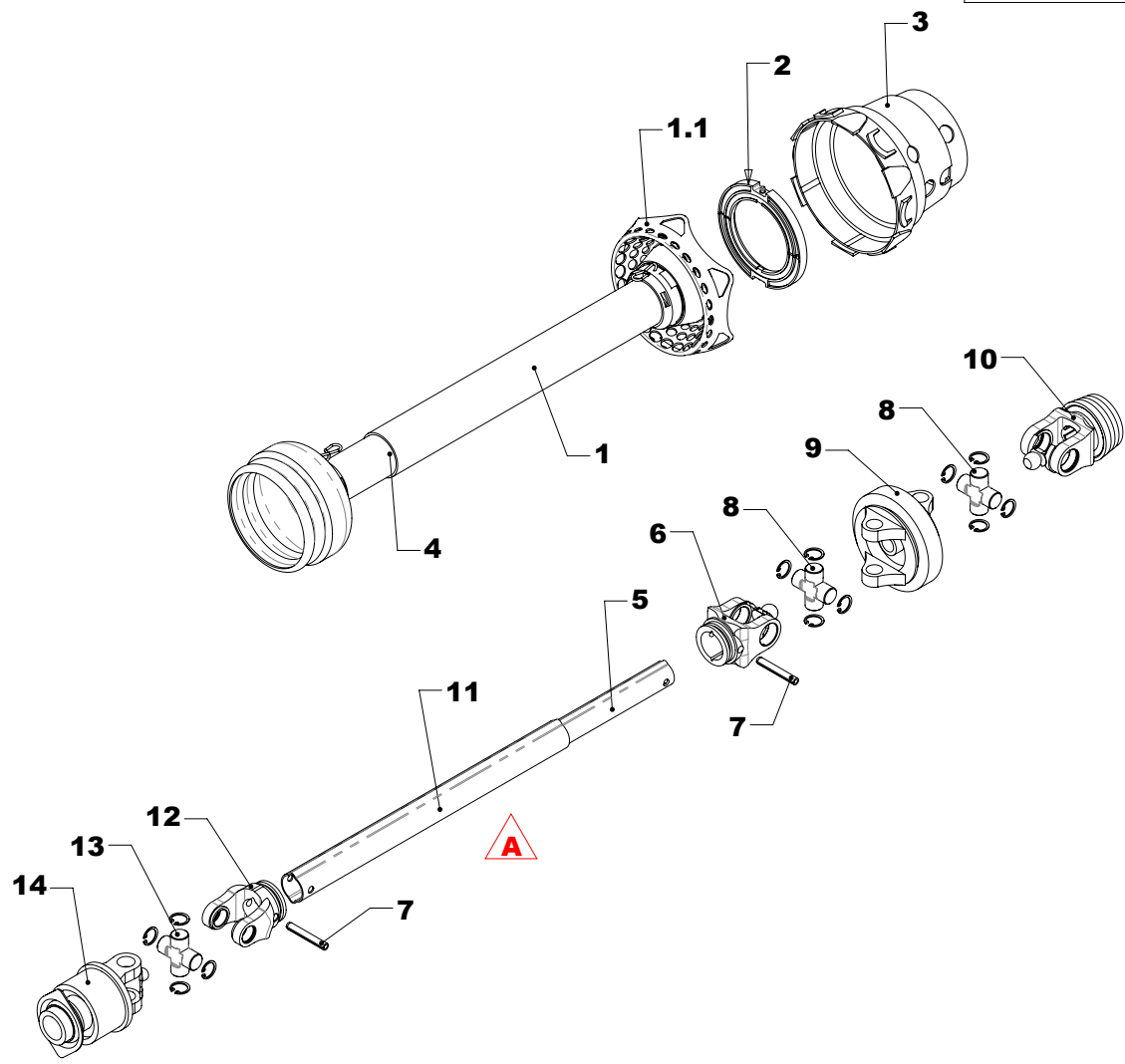
IN.01-030161

IN.01-030166 - ZRefl

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	Profielbuizen aangepast naar uitvoering met teflon	6-10-2017	PCL

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14	1	KR.5614440	Vrijlooppkoppeling W2400-F5/1R	spline 1-3/8 " (6)			
13	1	KR.350000	Kruisstuk	W2400			
12	1	KR.351400	Gaffel voor buis 2a	W2400			
11	1	KR.7536001400	Profielbuis 2aG 1400mm		2900		
10	1	KR.358310	Gaffel QS 1-3/8-6dlg grooth.	W2480			
9	1	KR.354105	Dubbelgaffel groothoek 80°	W2480			
8	2	KR.350600	Kruisstuk	W2480			
7	2	KR.14811070	Holspie 10x70				
6	1	KR.351310	Gaffel voor buis 1b grooth.	W2480			
5	1	KR.7525911400	Profielbuis 1bGA 1400mm		2900		
4	1	KR.SD251000I	Afscherming 1000 bi-buis	W2400 / W2500			
3	1	KR.850102	Beschermkap SD25-2480 FLEXO	W2480			
2	1	KR.828314	Glijring SC25	W2480			
1.1	1	KR.852562	Flexo Element				
1	1	IN.01-030142	Halve afsch. Groothoek FLEXO A	W2480 / W2580			
Pos	Aantal	Artikelnr.	Omschrijving	Materiaal	Afmetingen	Opmerking	Tekening

Vanmac BV
 Astronaut 40
 3824 MJ AMERSFOORT
 the Netherlands

Remove welding spatter
 Sheet metal unscratched

Debur / Break sharp edges

Tolerances unless stated:
 ISO 2768-mK

Sheet-Metal Bending:
 ISO 2768-cL

Precision Casting:
 ISO 8062-3 DCTG-8

DO NOT SCALE DRAWING

Aftakas WWE2480-1210-F5/1R

1 3/8 (6) + Vrijlooppkoppeling

Remarks -

Qty per Machine -

Weight -

PGM -

Scale 1:10

IN.01-030166

Drawn PCL 26-10-2017

Release PCL 26-10-2017

Sheet 1/1

Revision A