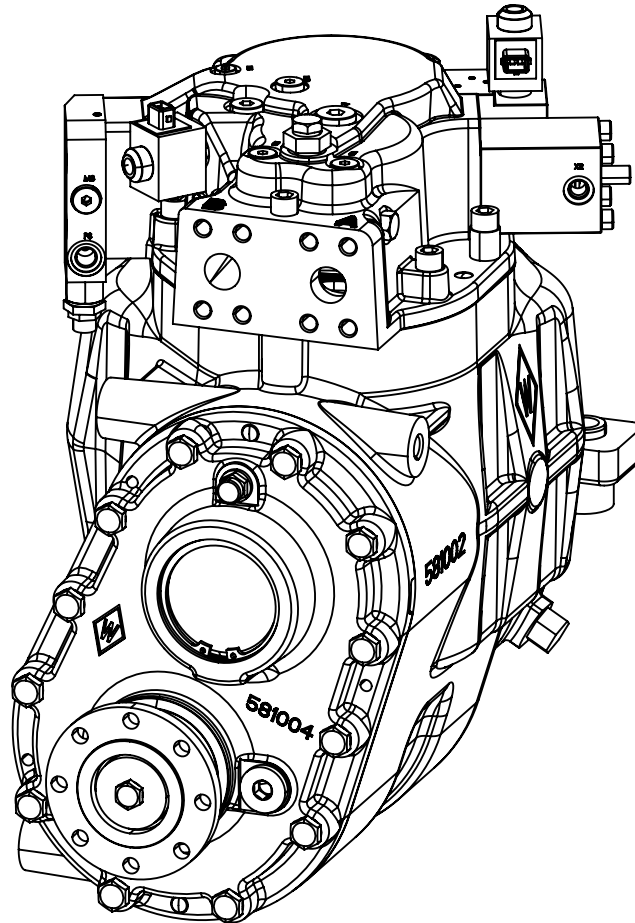
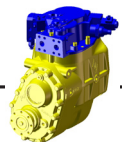


Dokumentation ICVD®

**ID 50.20.0810****ID 50.20.0820****ID 50.20.0830****ID 50.20.0840****ID 50.20.0850****ID 50.20.0860**

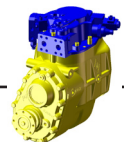
SAUER BIBUS GmbH
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89231 Neu-Ulm

www.sauerbibus.de

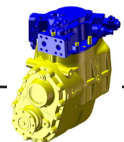


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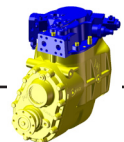
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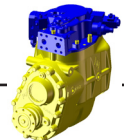
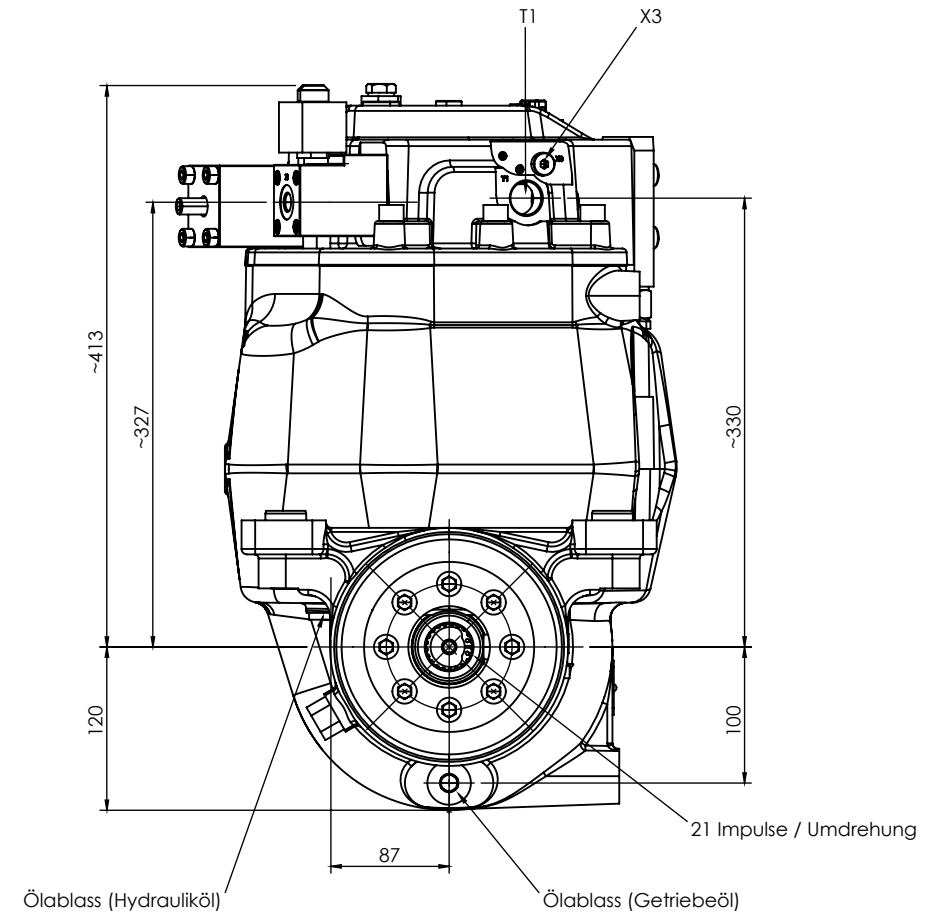
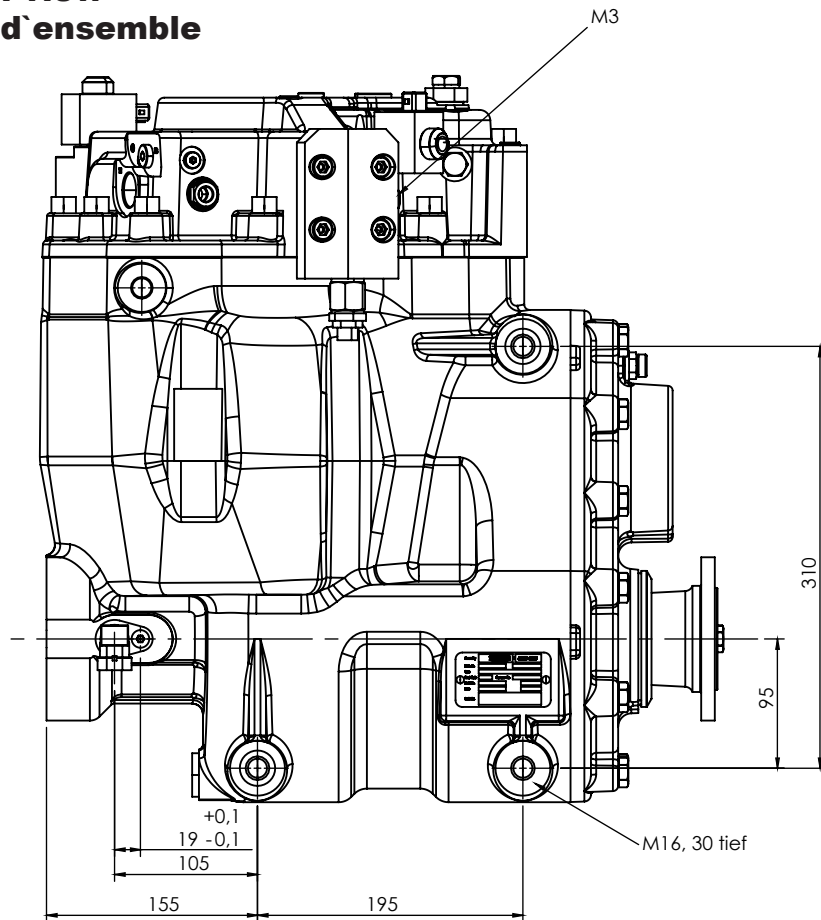


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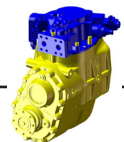
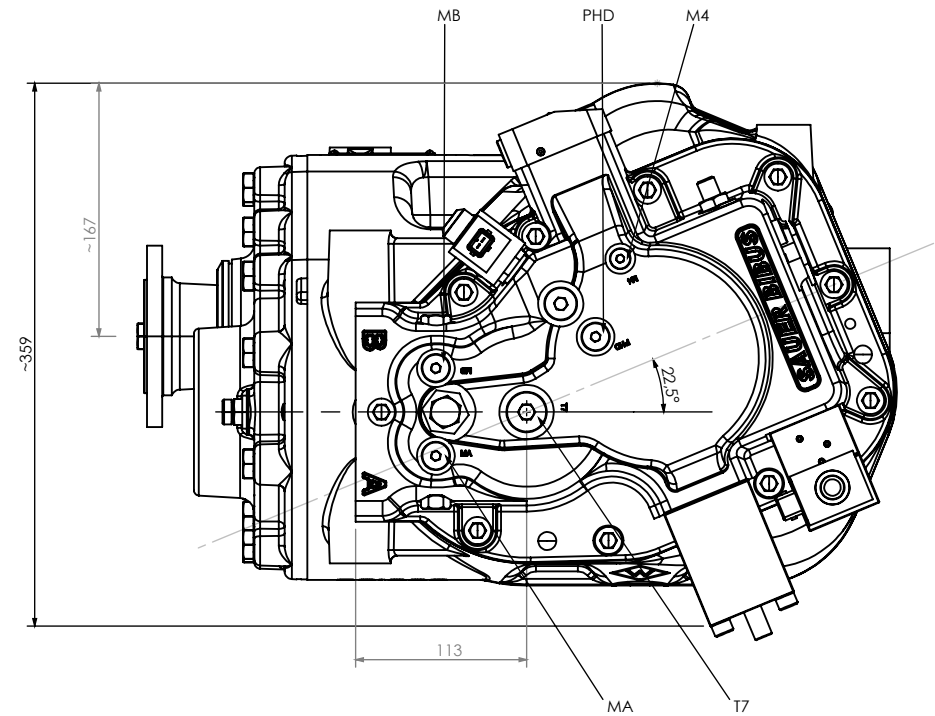
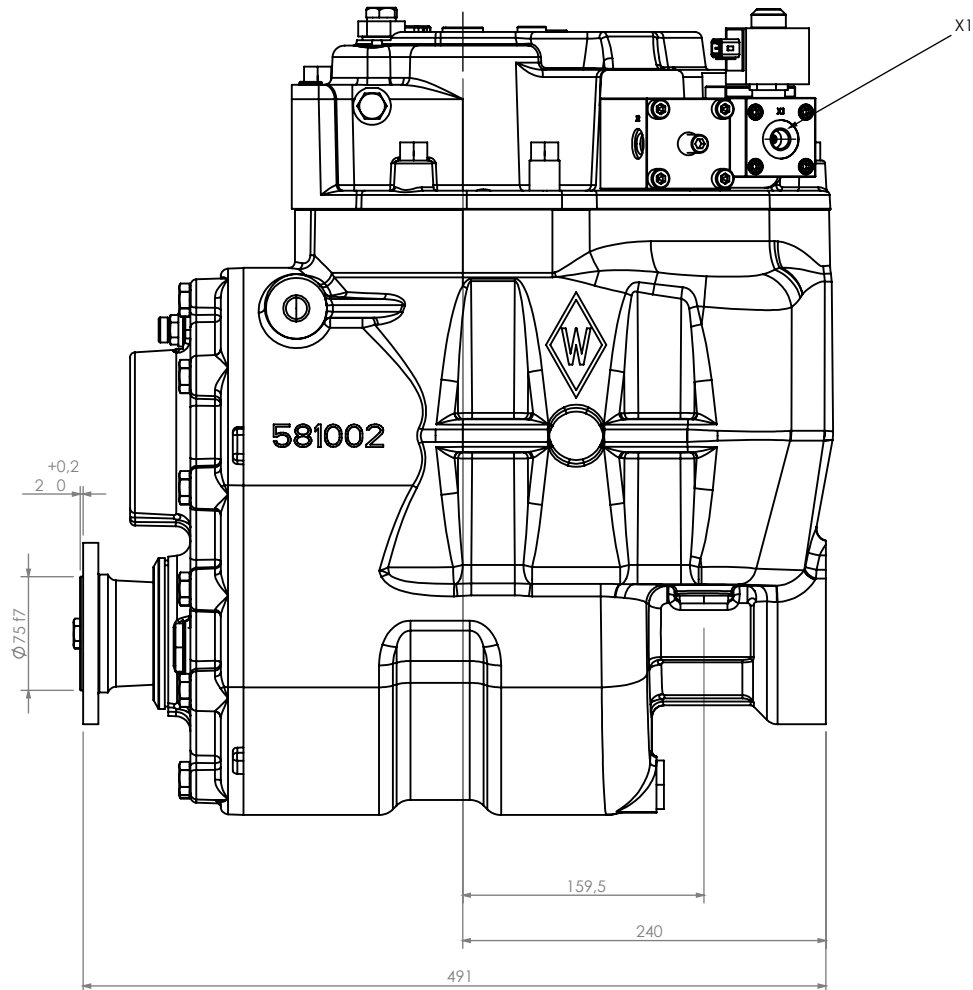
1. Dokumentation ICVD Documentation ICVD

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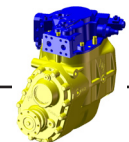
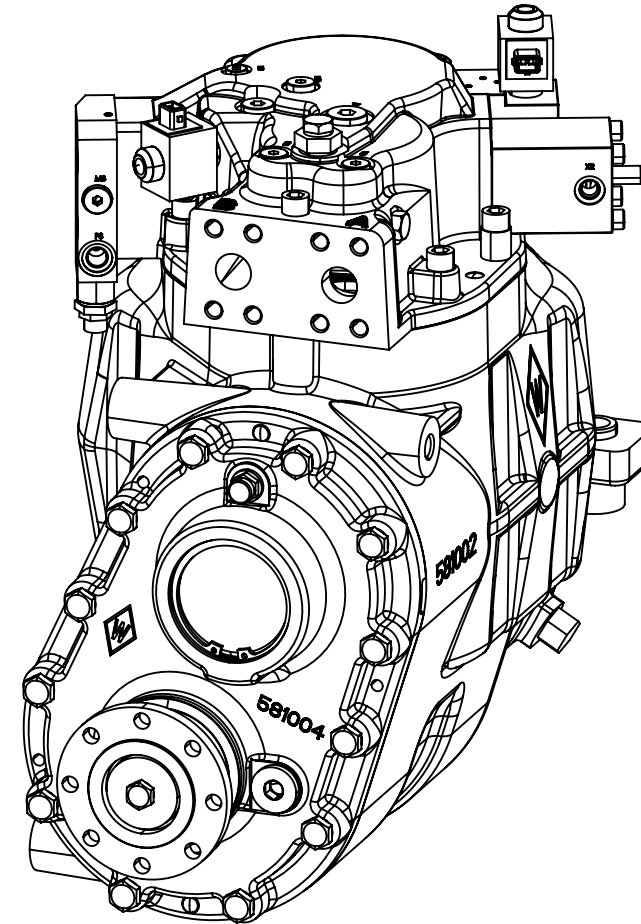
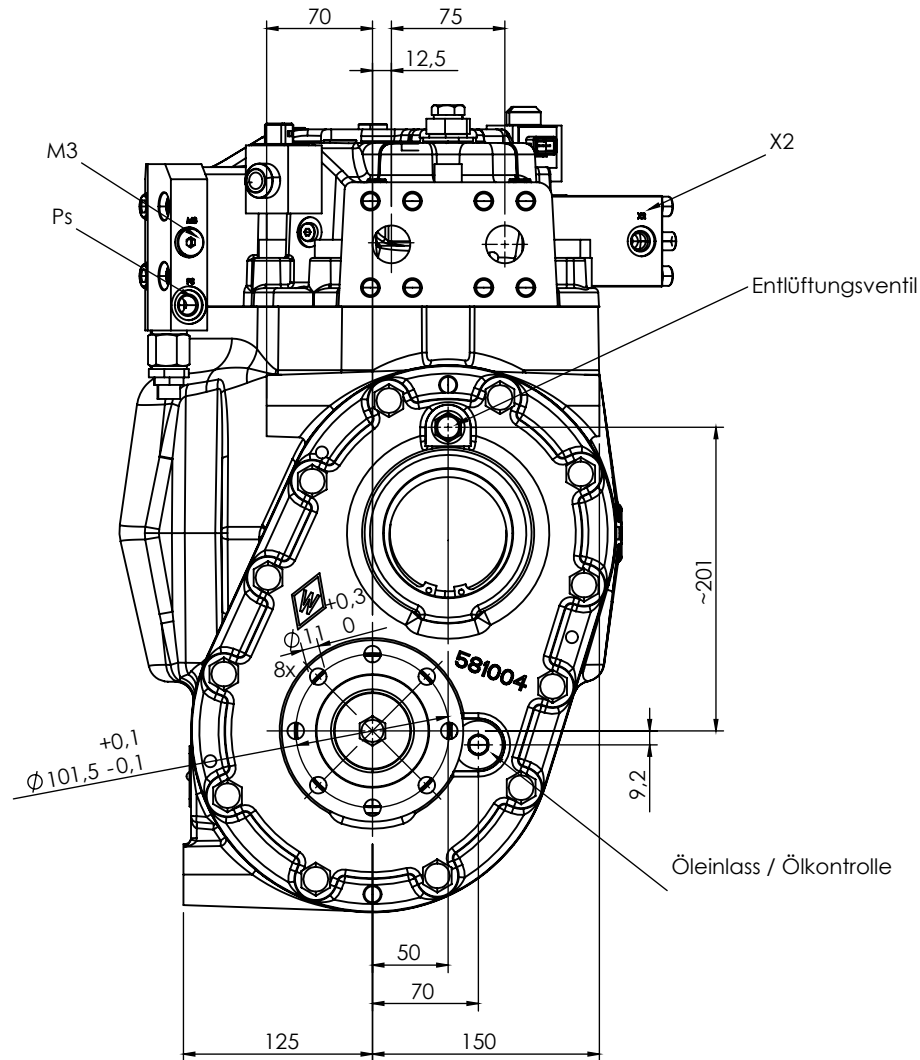
1.1.1 Gesamtansicht Total view Vue d'ensemble



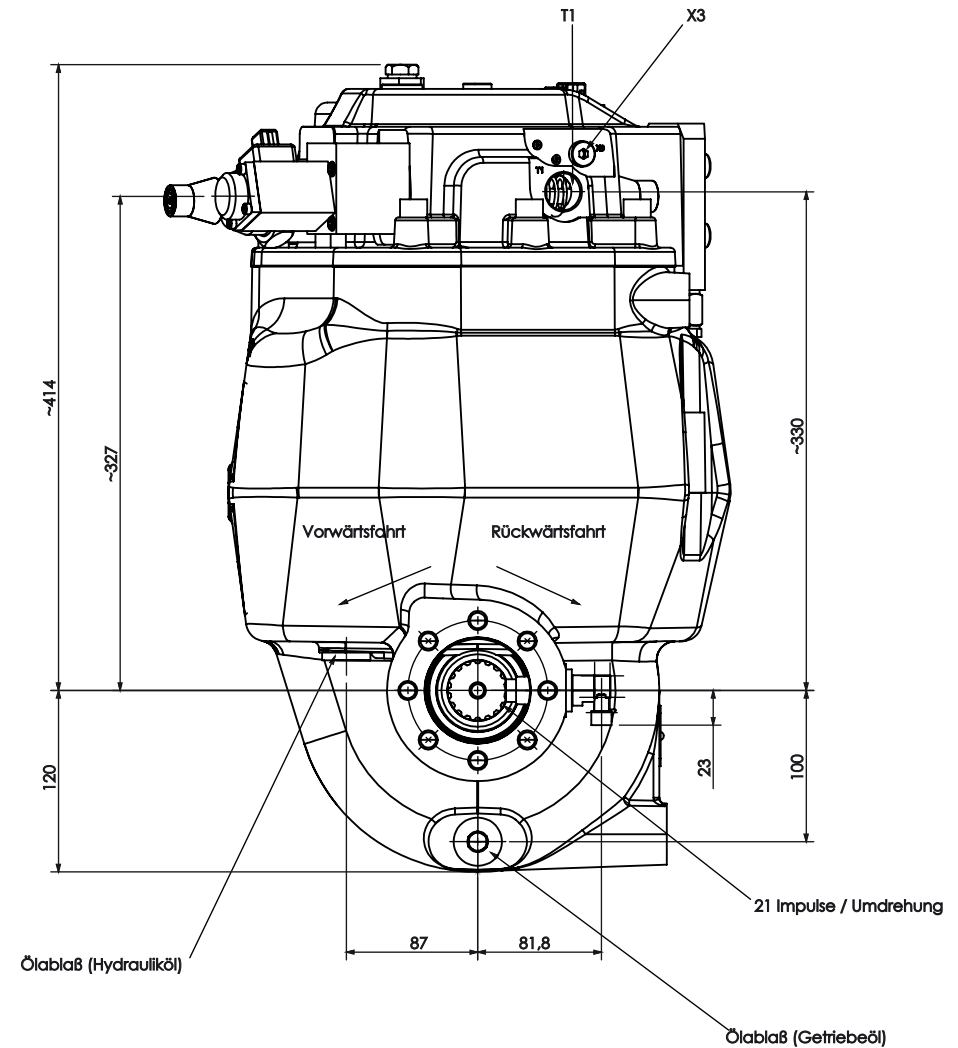
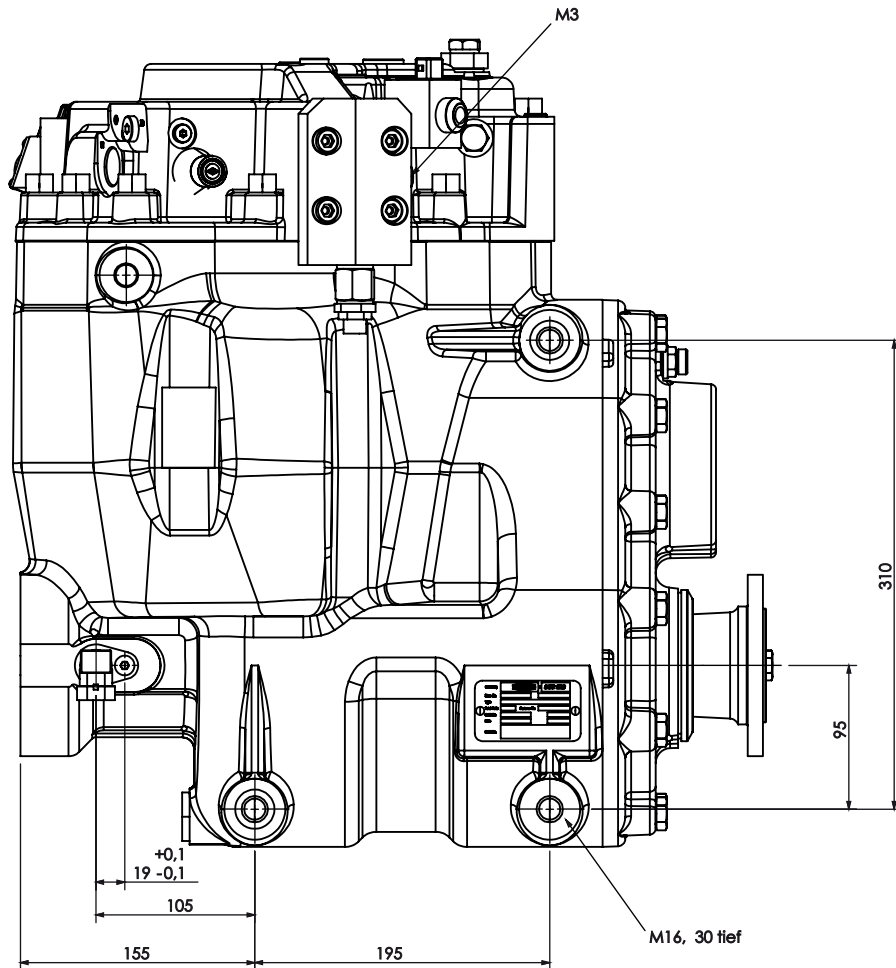
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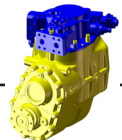
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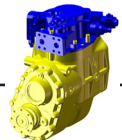
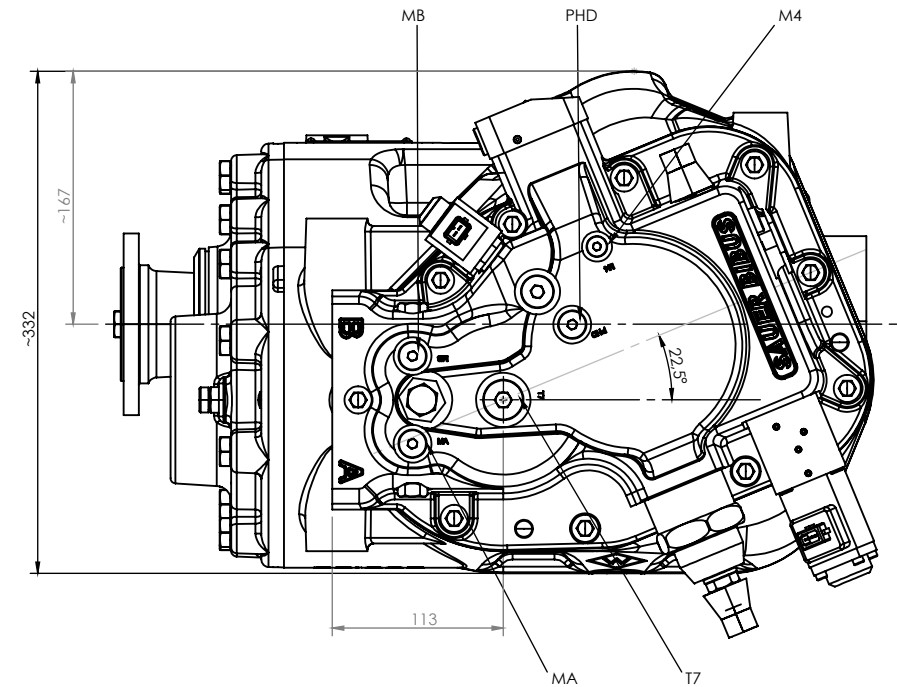
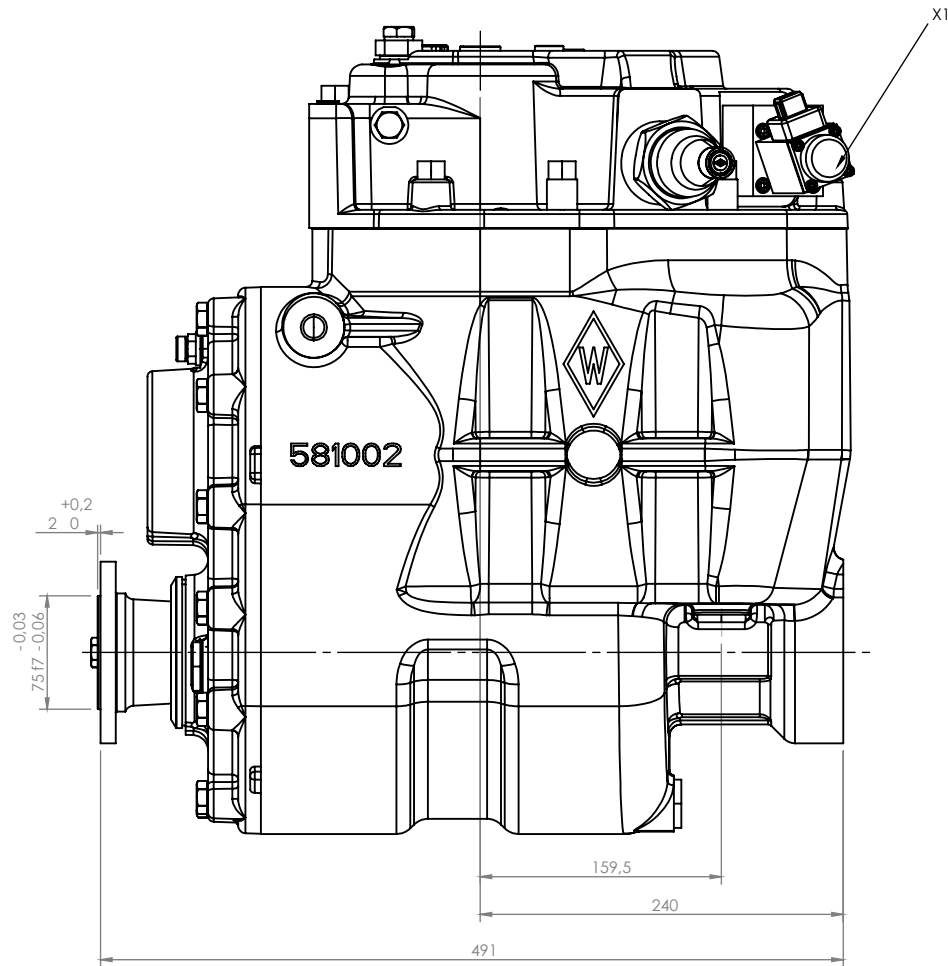
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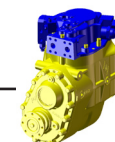
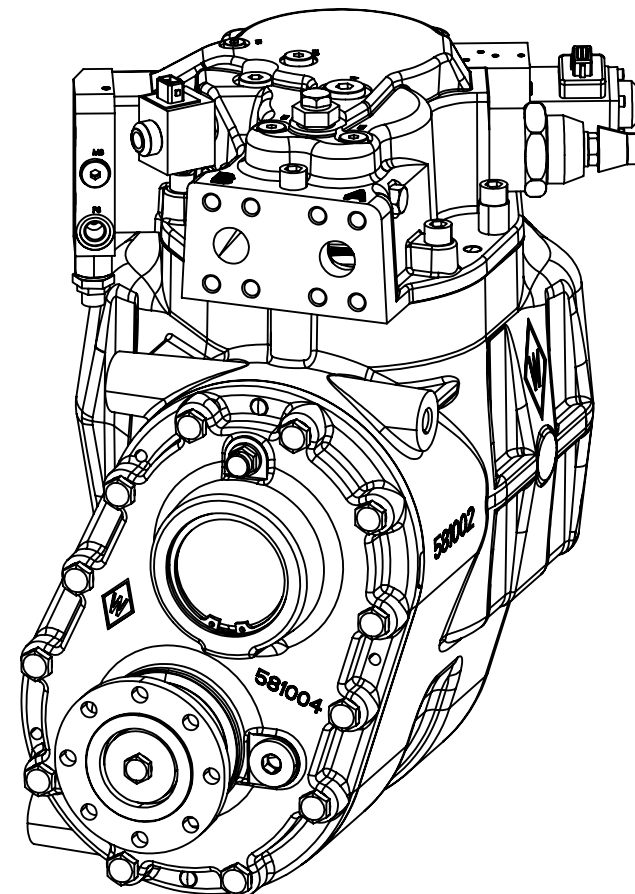
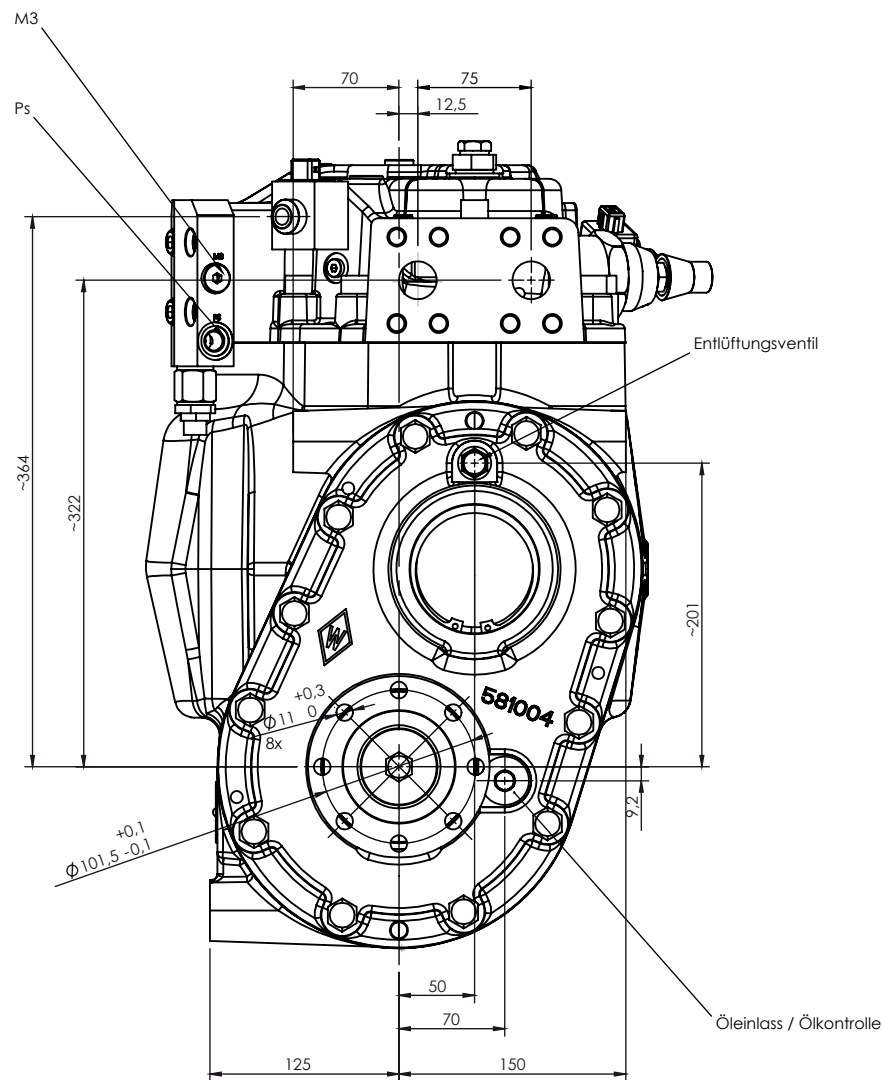
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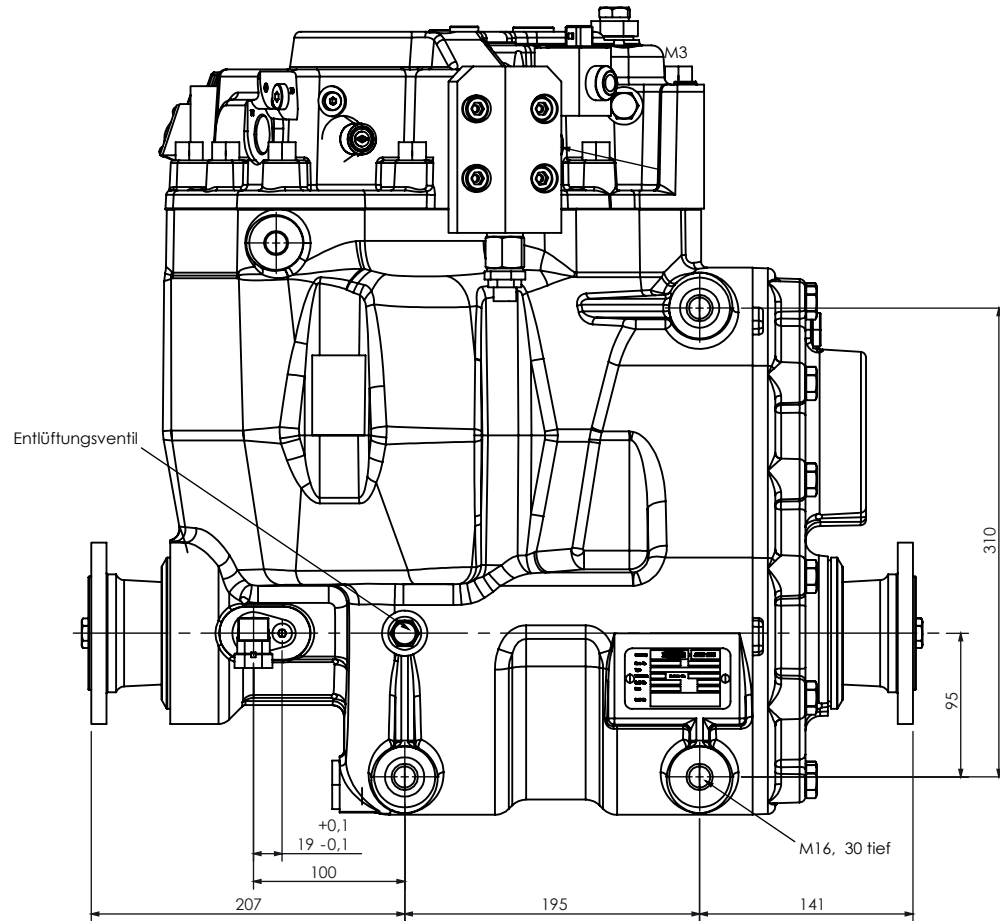
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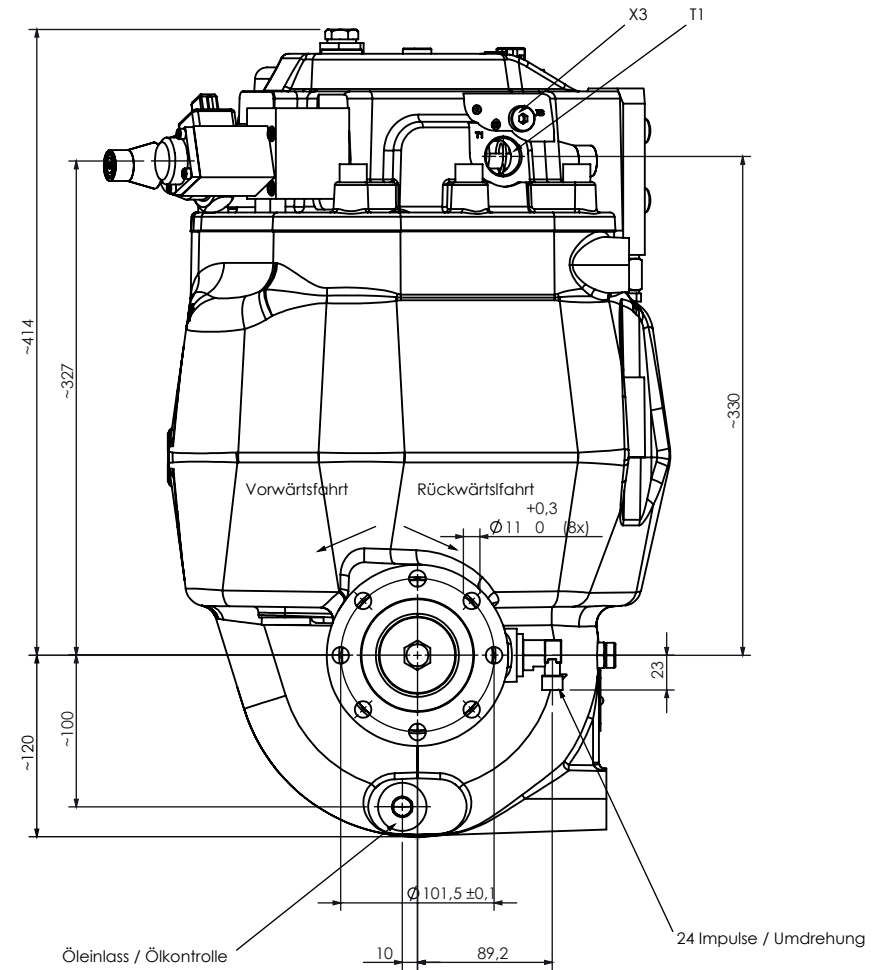
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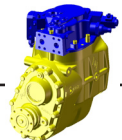
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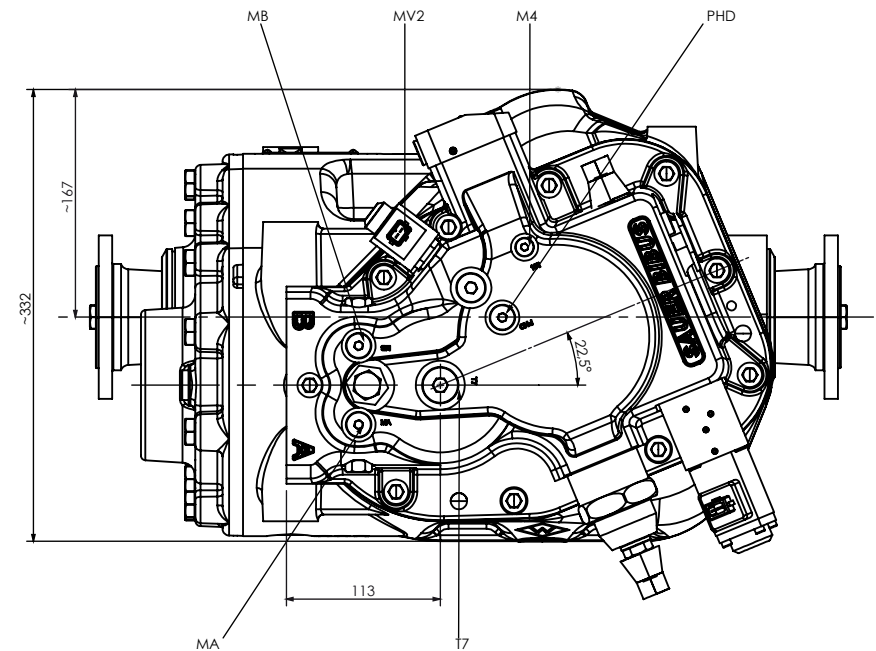
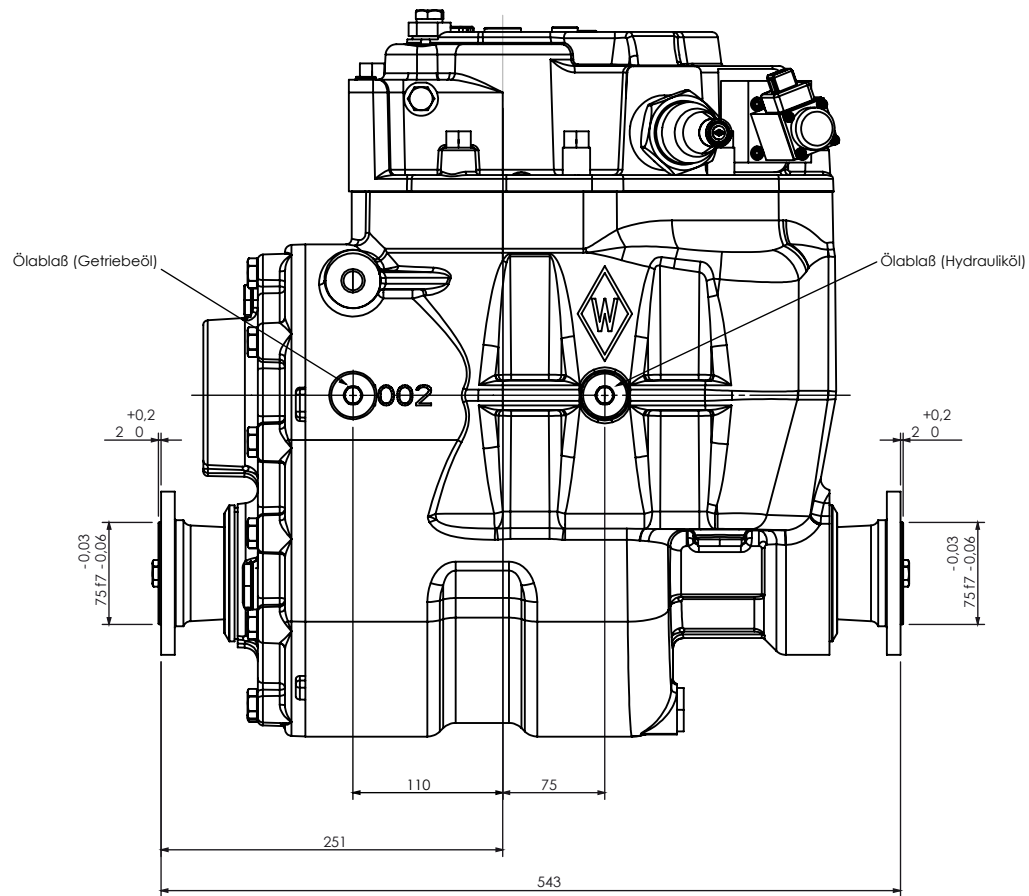
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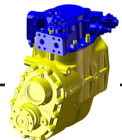
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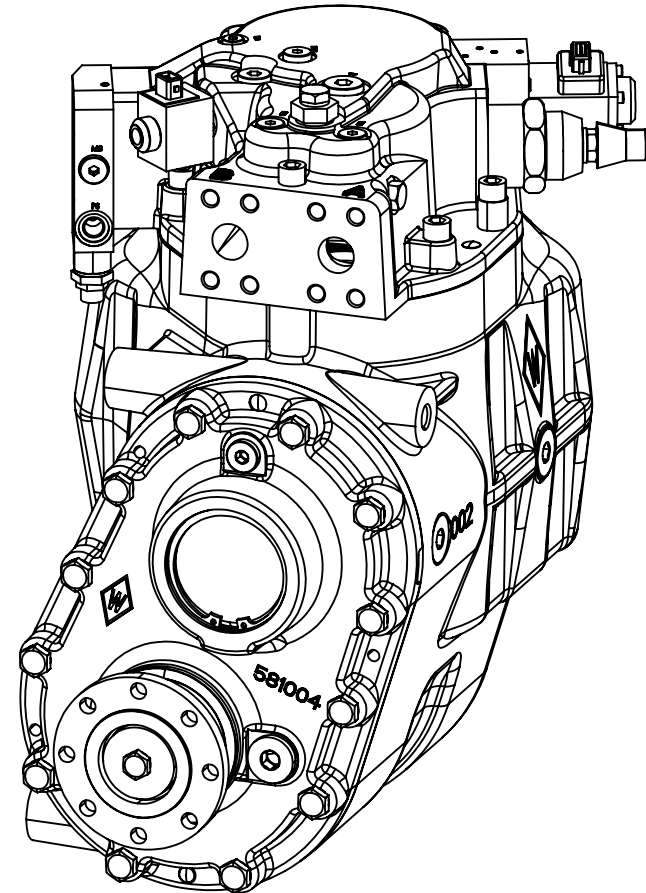
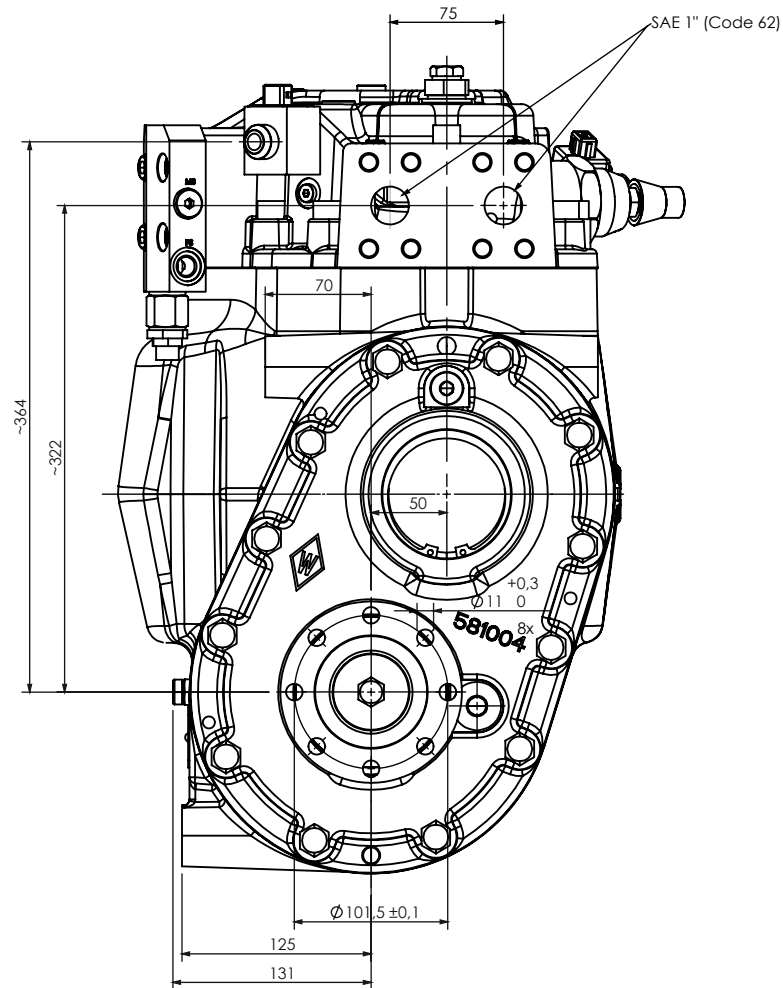
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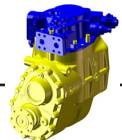
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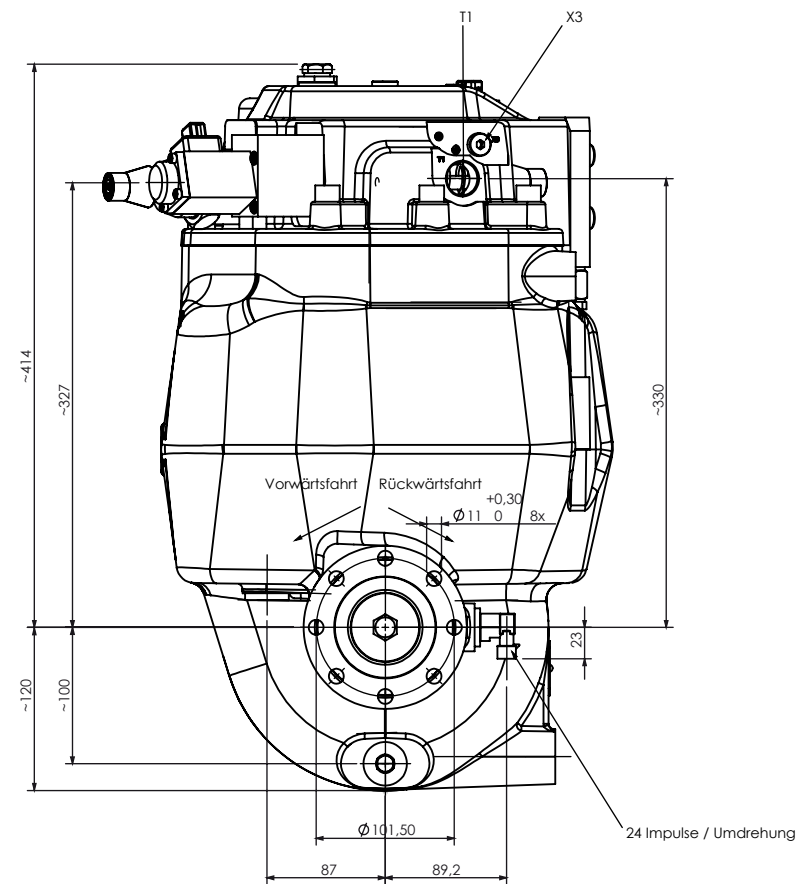
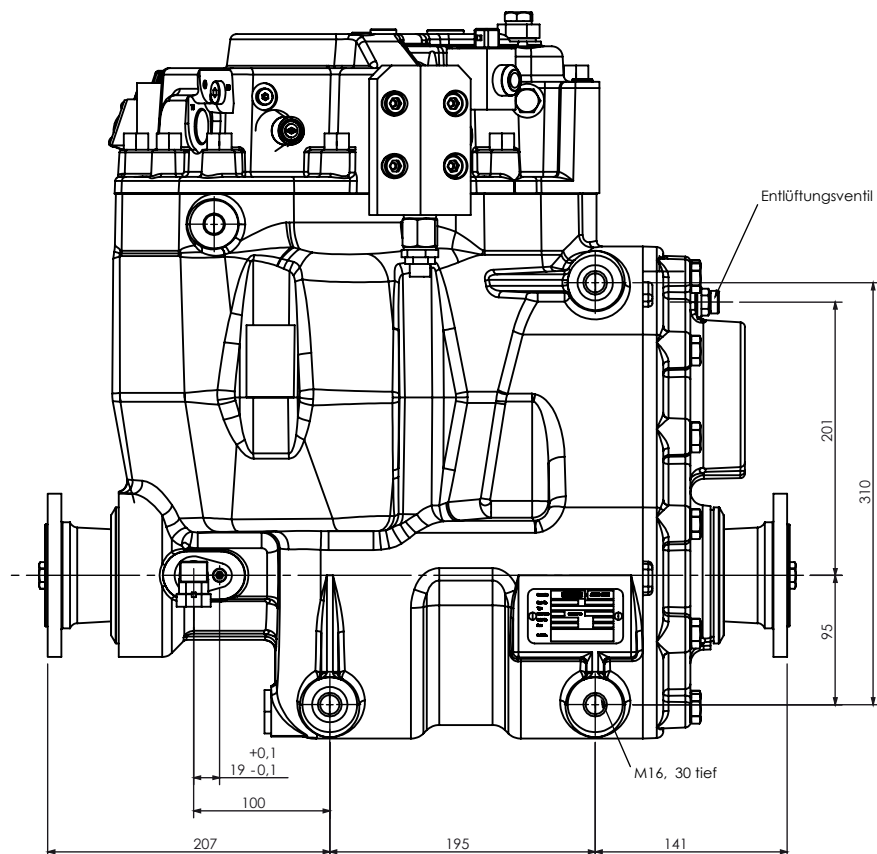
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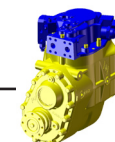
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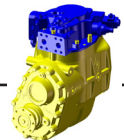
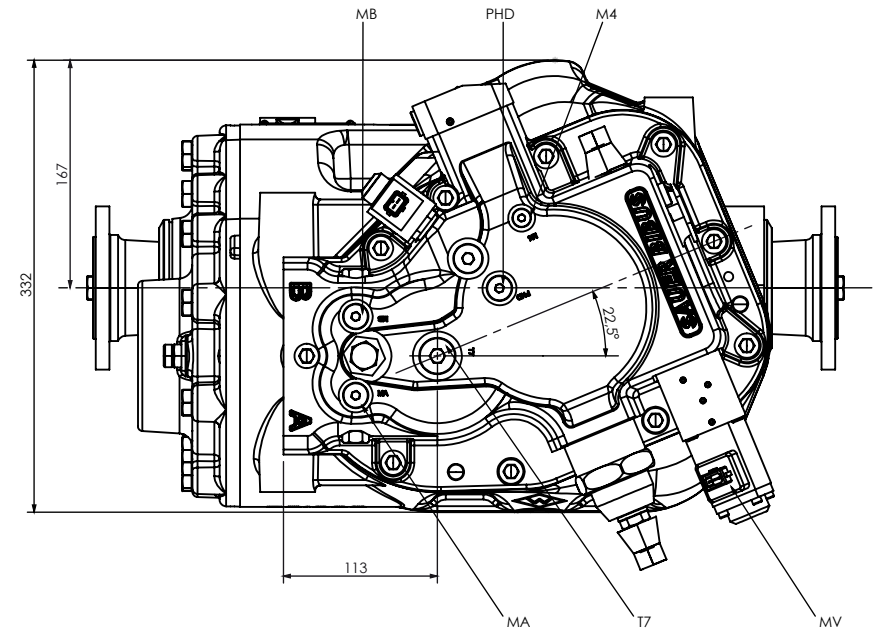
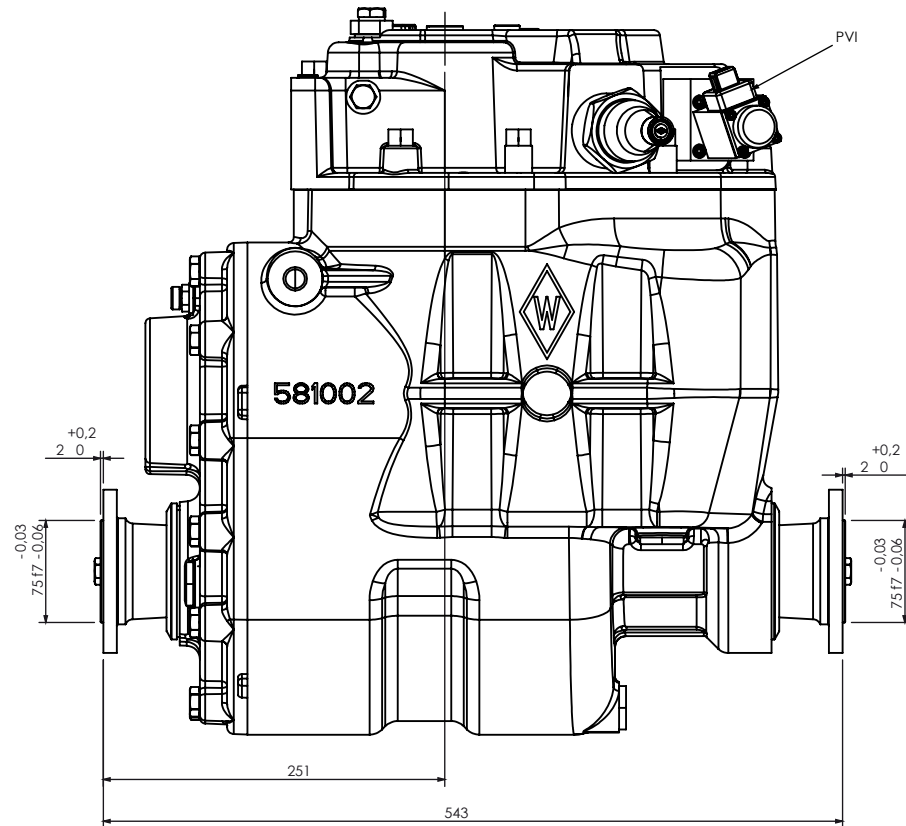
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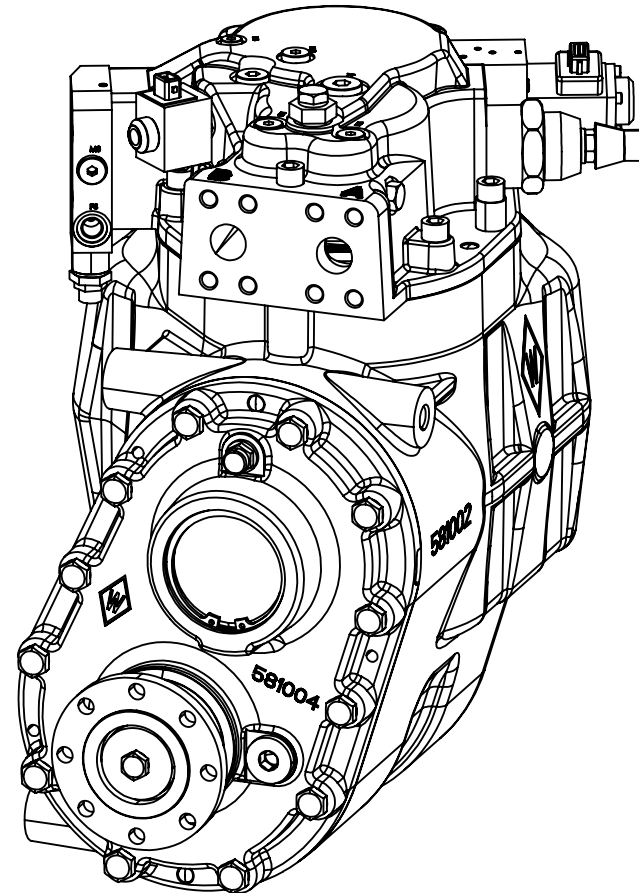
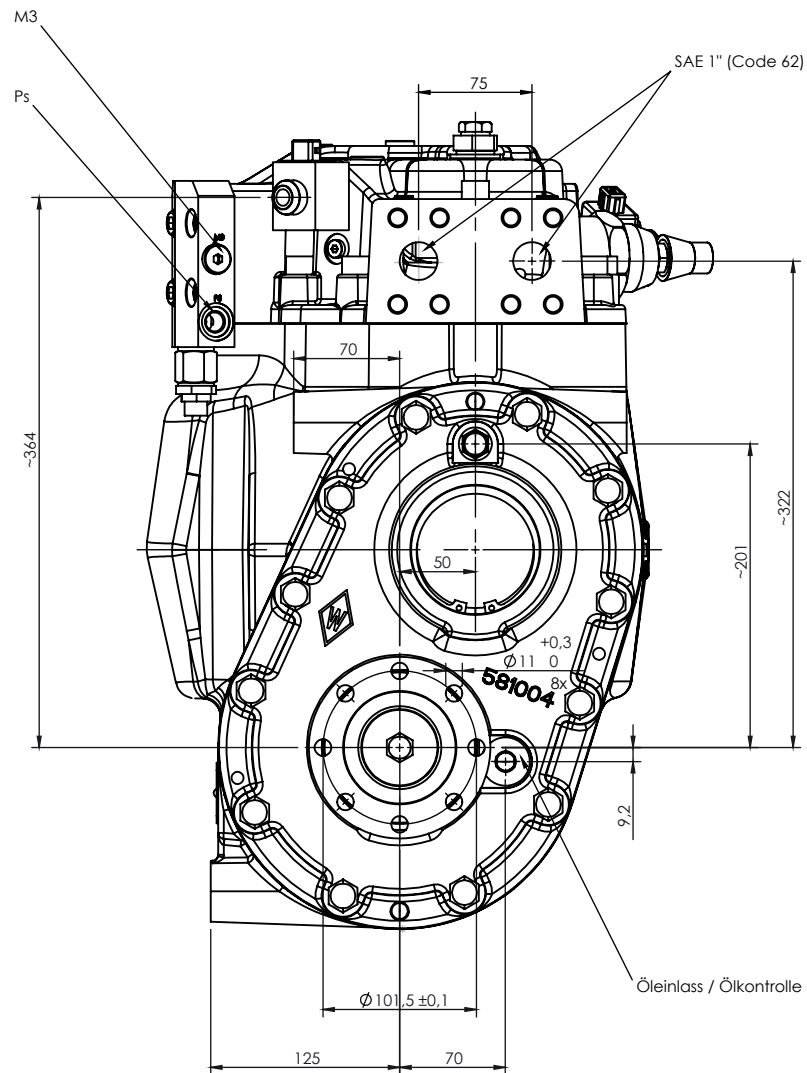
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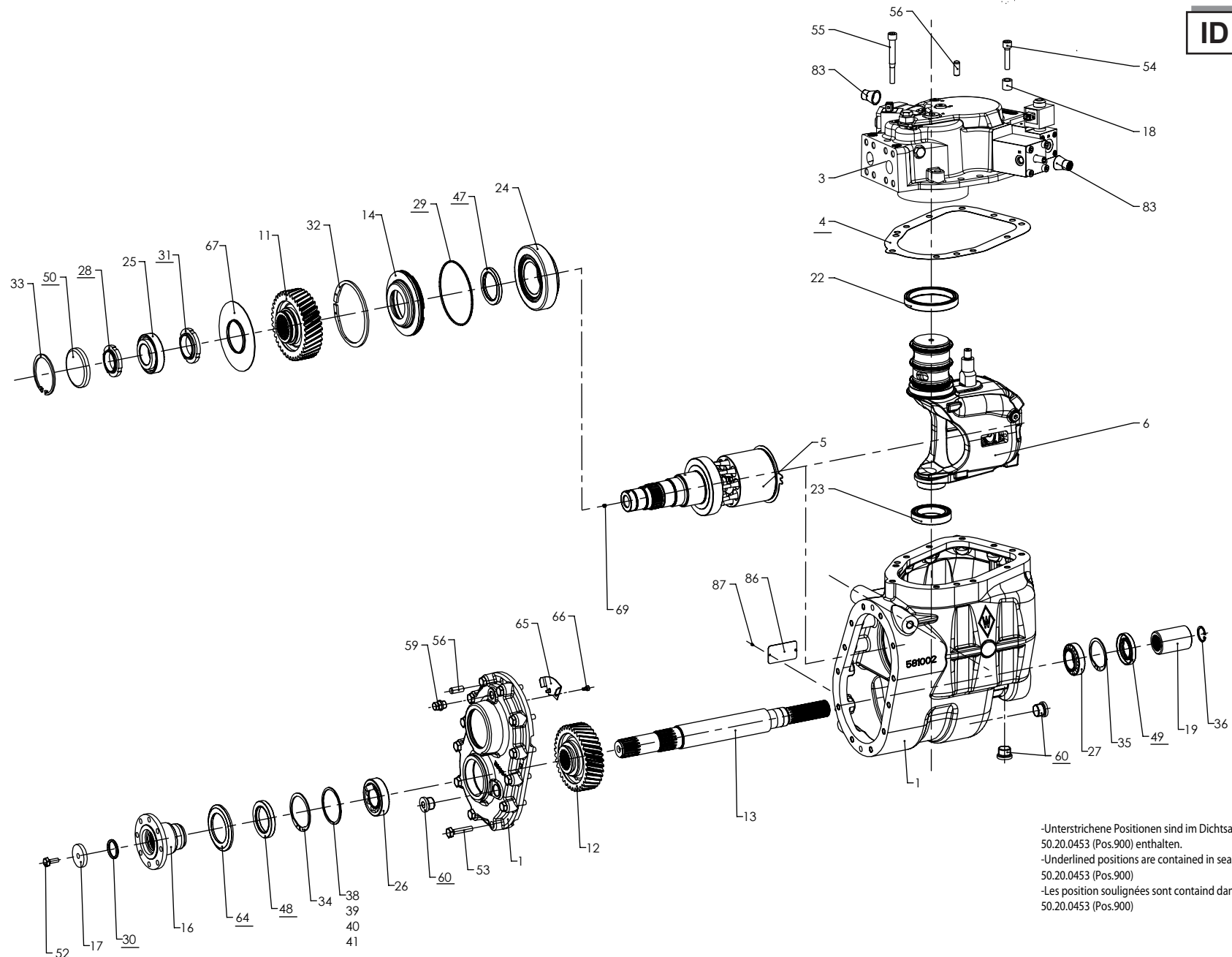
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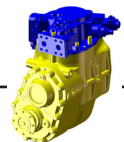
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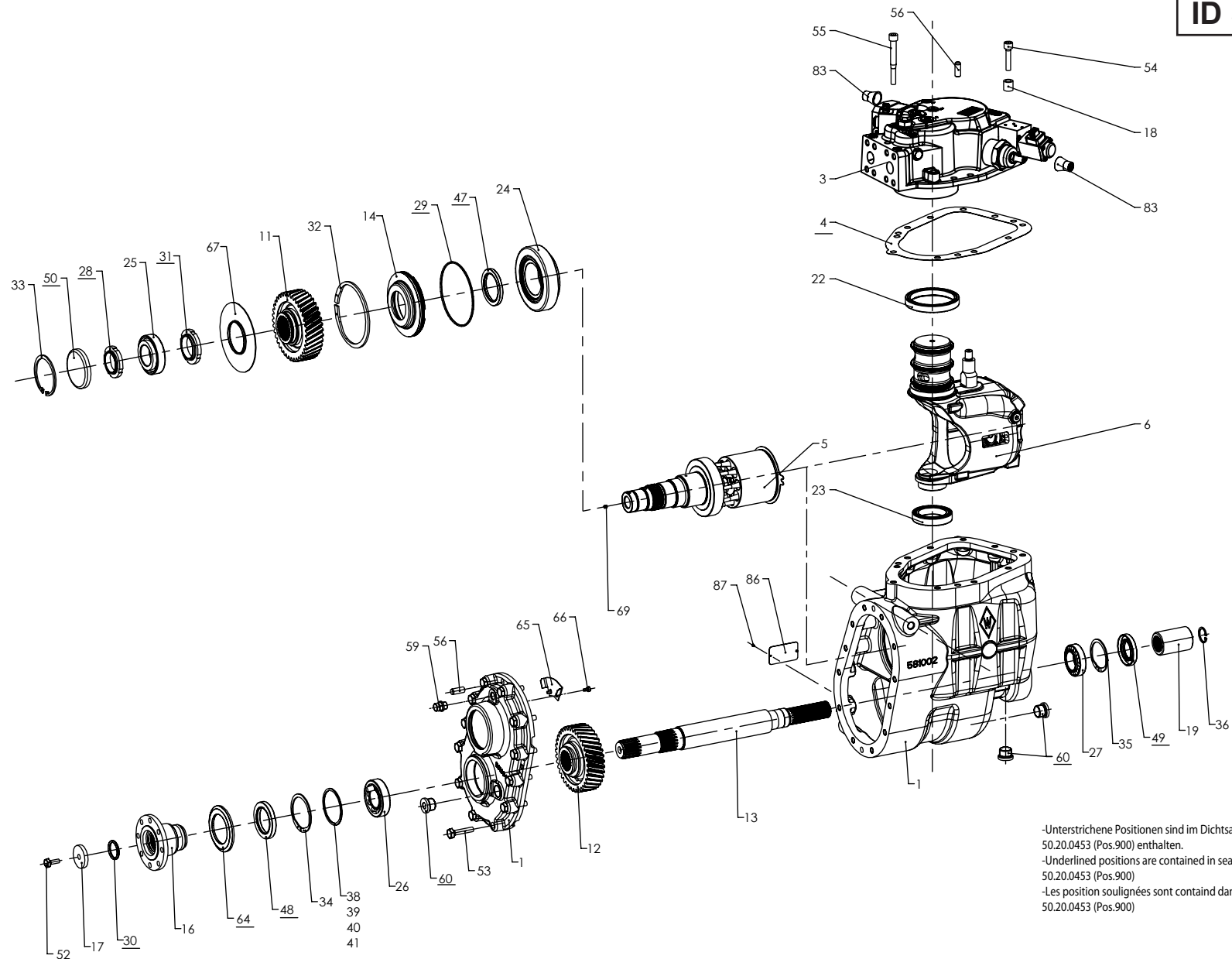
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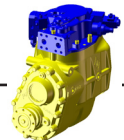
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-Underlined positions are contained in seal kit
50.20.0453 (Pos.900)
-Les position soulignées sont containt dans le kit
50.20.0453 (Pos.900)

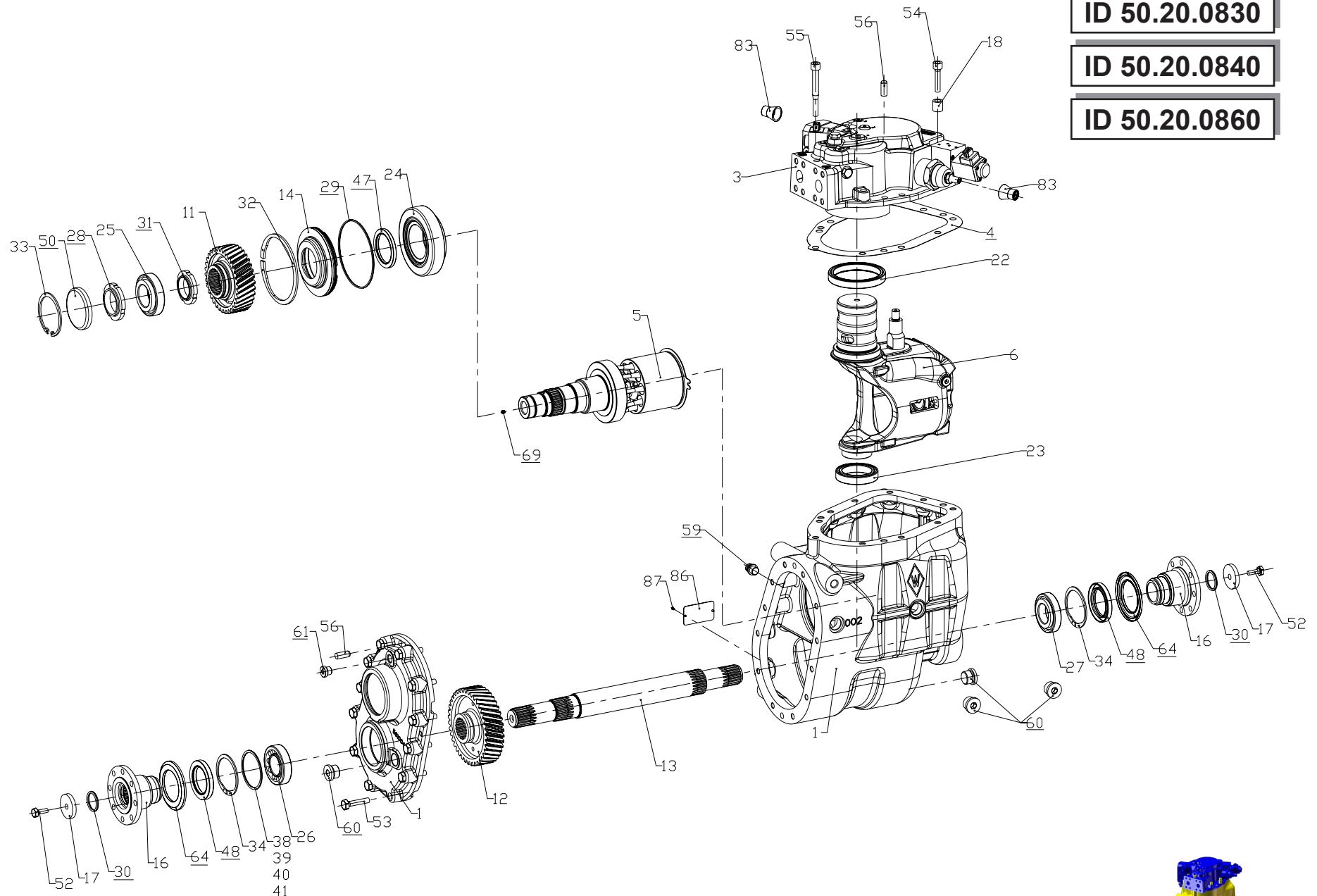


ID 50.20.0820



-Unterstrichene Positionen sind im Dichtsatz
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50.20.0453 (Pos.900)

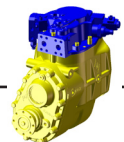




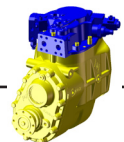
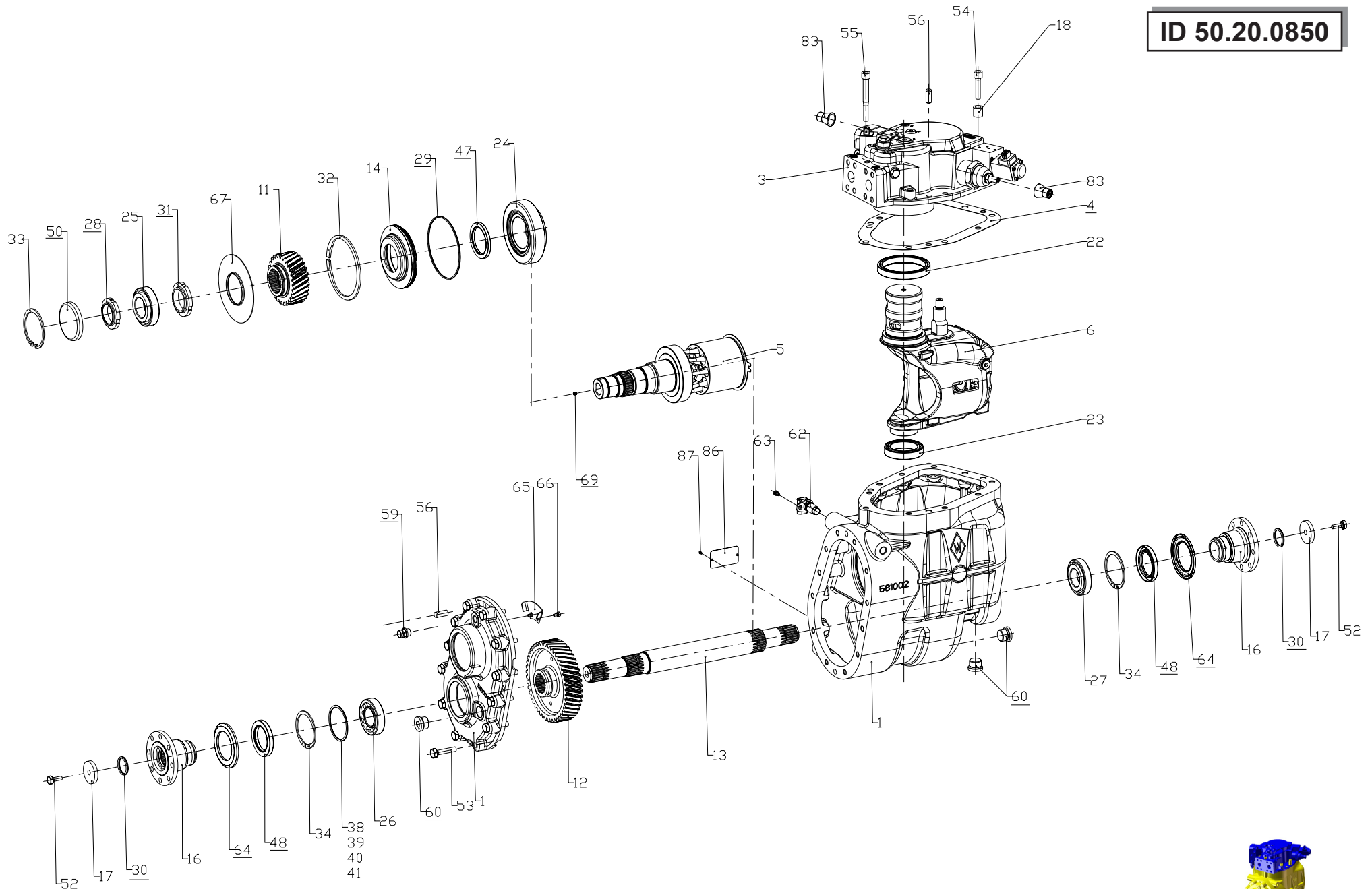
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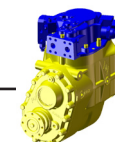


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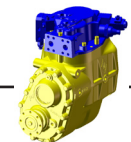


1.1.4
Stückliste
Parts list
Liste de pièces

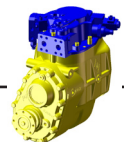
Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
1		1	Gehäuse kpl.	Gear case cpl.	Carter cpl.
			in 50.20.0810, 50.20.0820,		
			in 50.20.0830, 50.20.0840, 50.20.0860		
			in 50.20.0850		
3		1	Steuerdeckel	Adjustment cover	Couverture d'ajustement
			in 50.20.0810		
			in 50.20.0820		
			in 50.20.0830, 50.20.0860		
			in 50.20.0850		
			in 50.20.0840		
4		1	Dichtung	Gasket	Joint
5		1	Kit Einbausatz Motor III	Hydraulik motor III	Moteur hydraulique III
			In 50.20.0810, 50.20.0820, 50.20.0830, 50.20.0850		
			Kit Einbausatz Motor VII	Hydraulik motor VII	Moteur hydraulique VII
		1	in 50.20.0840		
6		1	Schwenkbügel 233 kpl.	Swivel yoke	Carter de pivotement



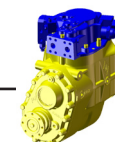
Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
11		1	Stirnrad	Cylindrical gear	Roue cylindrique
			in 50.20.0810, 50.20.0820, z=38		
			in 50.20.0850, z=28		
			in 50.20.0830, z=34		
			in 50.20.0860, z=31		
			In 50.20.0840, z=33		
12		1	Stirnrad	Cylindrical gear	Roue cylindrique
			in 50.20.0810, 50.20.0820, z=36		
			in 50.20.0850, z=46		
			in 50.20.0830, z=40		
			in 50.20.0860, z=43		
			In 50.20.0840, z=41		
13		1	Abtriebswelle	Output shaft	Arbre de sortie
			in 50.20.0810, 50.20.0820		
			in 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
14		1	Distanzring	Spacer ring	Bague intermédiaire
16			Gelenkwellenflansch	Flange hub	Moyeu à bride
		1	in 50.20.0810, 50.20.0820,		
		2	in 50.20.0830, 50.20.0840, 50.20.0850. 50.20.0860		



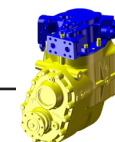
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17		Scheibe	Disc	Disque	
		1	in 50.20.0810, 50.20.0820, ,		
		2	in 50.20.0830, 50.20.0840, 50.20.0850. 50.20.0860		
18		2	Distanzbuchse	Bush	Douille entretoise
19		1	Profilbuchse kpl.	Splined sleeve cpl.	Douille cannelée cpl.
			in 50.20.0810, 50.20.0820,		
22		1	Zylinderrollenlager	Single-row cylindrical roller bearing	Roulement à galets cylindriques à
23		1	Zylinderrollenlager	Single-row cylindrical roller bearing	Roulement à galets cylindriques à
24		1	Kegelrollenlager	Taper roller bearing	Roulement à rouleaux coniques
25		1	Kegelrollenlager	Taper roller bearing	Roulement à rouleaux coniques
26			Kegelrollenlager	Taper roller bearing	Roulement à rouleaux coniques
		1	in 50.20.0810, 50.20.0820, 50.20.0830, 50.20.0850, 50.20.0860,		
27		1	Kegelrollenlager	Taper roller bearing	Roulement à rouleaux coniques
			in 50.20.0810, 50.20.0820,		
			in 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		



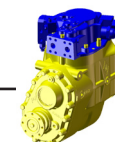
Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
28		1	Nutmutter	Slotted round nut for hook spanner	Ecrou cylindrique à encoches
29		1	O-Ring	Sealing ring	Joint circulaire
30			O-Ring	Sealing ring	Joint circulaire
		1	in 50.20.0810, 50.20.0820		
		2	in 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
31		1	Nutmutter	Slotted round nut for hook spanner	Ecrou cylindrique à encoches
32		1	Sicherungsring	Circlip	Segment d'arrêt
33		1	Sicherungsring	Circlip	Segment d'arrêt
34			Sicherungsring	Circlip	Segment d'arrêt
		1	in 50.20.0810, 50.20.0820		
		2	in 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
35		1	Sicherungsring	Circlip	Segment d'arrêt
36		1	Sicherungsring	Circlip	Segment d'arrêt
38			Passscheibe 0,1	Shim	Bague d'ajustage
		2	in 50.20.0810, 50.20.0820, 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		



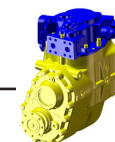
Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
39			Passscheibe 0,3	Shim	Bague d'ajustage
		2	in 50.20.0810, 50.20.0820, 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
40			Passscheibe 0,5	Shim	Bague d'ajustage
		1	in 50.20.0810, 50.20.0820, 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
41			Passscheibe 1,0	Shim	Bague d'ajustage
		1	in 50.20.0810, 50.20.0820, 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
42		4	Stützscheibe	Shim	Bague d'ajustage
47		1	Radialwellendichtung	Radial seal	Joint radial
48			Radialwellendichtung	Radial seal	Joint radial
		1	in 50.20.0810, 50.20.0820		
		2	in 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
49		1	Radialwellendichtung	Radial seal	Joint radial
50		1	Verschlusskappe	Cap	Capuchon
51		1	O-Ring	Sealing ring	Joint circulaire



Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
52	50.20.0331		Sechskantschraube	Hexagon headed screw	Vis à tête hexagonale
		1	in 50.20.0810, 50.20.0820		
		2	in 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
53	50.20.0332	12	Sechskantschraube	Hexagon headed screw	Vis à tête hexagonale
54	50.20.0333	9	Zylinderschraube	Hexagon socket head cap	Vis à tête cylindrique
55	50.20.0334	1	Zylinderschraube	Hexagon socket head cap screw	Vis à tête cylindrique à six pans creux
56	50.20.0335	5	Zylinderstift	Cylindrical dowel	Goupille fendue
59	50.20.0336	1	Gewindelüfter	Breather screw	Vis d'aération
60	50.20.0337		Verschlusschraube	Hexagon head plug	Bouchon fileté d'obturation
		3	In 50.20.0810, 50.20.0820, 50.20.0840, 50.20.0850		
		4	in 50.20.0830, 50.20.0860		
61	50.20.0435	1	Verschlusschraube	Hexagon head plug	Bouchon fileté d'obturation
62	50.20.0756		Drehzahlsensor Hall Effekt	Speed sensor	Senseur
		1	In 50.20.0850		
63	50.20.0597		Schraube	Screw	Vis
		1	In 50.20.0850		

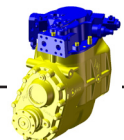


Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
64			VRM-Ring	VRM-ring	Joint à frottement axial
		1	in 50.20.0810, 50.20.0820		
		2	in 50.20.0830, 50.20.0840, 50.20.0850, 50.20.0860		
65		1	Prallblech	Baffle plate	Tôle
66		2	Zylinderschraube	Hexagon socket head cap screw	Vis à tête cylindrique à six pans creux
67		1	Schleuderablech	Skid pad	Tôle
69		1	Stopfen	Plug	Obturateur
70		1	Anbaukit Getriebe-Achse	Driving gear axis	Transmission axe
71		8	Zylinderschraube	Hexagon socket head cap screw	Vis à tête cylindrique à six pans creux
72		1	Flanschadapter	Flange adapter	Adaptateur de bride
73		1	Adapter-Ring	Adapter ring	Anneau d'adaptateur
80		3	Dichtschraube	Sealing screw	Vis d'étanchéité
81		1	Dichtschraube	Sealing screw	Vis d'étanchéité
82		1	Dichtschraube	Sealing screw	Vis d'étanchéité
83		2	Sicherungskappe	Safety cap	Chapeau safty
86		1	Typenschild	Name plate	Plaque signalétique
87		2	Kerbnagel	Half round head locking pin	Goupille cannelée à tête ronde
90		1	Drehzahlsensor	r.p.m. sensor	Capteur de vitesse
91		1	Zylinderschraube	Hexagon socket head cap screw	Vis à tête cylindrique à six pans creux

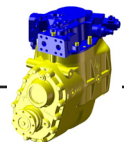


1.1.5
Montagehinweise
Assembling instructions
Indications d'assemblage

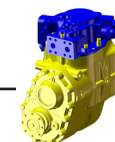
Pos.	Benennung Description Désignation
5	Einbaulage der Ventilplatte (Unterteil von Pos.5) beachten. Installation position of valve plate. (Lower part from Pos.5) consider. Situation d'installation de la plat de valve (Partie inférieure de la Pos.5) Considérer.
11 ;12	Stirnräder vor Montage auf 120° C erwärmen. Spur wheels before assembly on 120 degrees heat up. Stimulez les roues devant assemblée sur 120 degrés de chaleur vers le haut.
16	Vor Montage auf 80°C erwärmen. Before assembly warm up to 80°C. Avant préchauffage d'assemblée à 80°C.
19	Bei Montage mit Loctite 8150 bestreichen. Coat when assembling with loctite 8150. Avec um assemblage avec des loctite 8150 enduire.
24;25 ; 26 ;27	Kegelrollenlager vor Montage auf 80°...120°C erwärmen. Taper roller bearing before assembly to 80°... 120°C warm up. Effilez les roulements à 80°...120°C de préchauffage.
31	Einstellung der Kegelrollenlager Pos.24 und Pos.25 vorgespannt mit 0,05...0,1mm (Schleppmoment ca. 7,0 Nm) Adjust of taper roller bearing Pos.24 and Pos.25 linked up with 0,05...0,1mm (Dragging moment ca.7,0 Nm) Ajustez du bearin de rouleau de cône Pos.24 et Pos.25 lié vers le haut avec 0,05...0,1mm (moment traînant 7 Nm)
28, 31	Sicherung der Nutmutter durch Verstemmen mit Nut von Pos.5 Safety device of the groove nut by fixing with the nut of pos.5 Dispositif de sécurité de 1' écrou de cannelure par fixer avec rainure de pos.5
32	Sicherungsring mit Öffnung auf Position "9:00 Uhr" montieren



33 ;34	Öffnung der Sicherungsringe über Ölkanal montiert Opening of the snap rings over oil channel installs L'ouverture de l'oeilkanal fini d'anneaux ressort installe
38 ;39 ; 40 ;41	Einstellung der Kegelrollenlager Pos.26 und Pos.27 axialspielfrei mit Schleppmoment $Ma=0,3+0,1$ Nm Adjust of taper roller bearing Pos.26 and Pos.27 axial play-free with dragging moment $Ma=0,3+0,1$ Nm Ajustez du bearin de rouleur de cône Pos.26 et Pos.27 jeu-libre axial avec le moment traînant $Ma=0,3+0,1$ Nm
47 ;48 ; 49	Für Montage geeignete Hilfsmittel verwenden (Beschädigung der Dichtlippe vermeiden) Use suitable aids before assembly (avoid damage of the sealing rim) Employez les aides appropriées devant assemblée (évitez les dommages de la jante de cachetage)
47 ;48 ; 49	Dicht- und Staublippe mit Wälzlagerfett bestreichen
52	Anziehdrehmoment $Ma=45+5$ Nm Torque data $Ma=45+5$ Nm Couple de serrage $Ma=45+5$ Nm
53	Anziehdrehmoment $Ma=80+10$ Nm Torque data $Ma=80+10$ Nm Couple de serrage $Ma=80+10$ Nm
54	Anziehdrehmoment $Ma=110+10$ Nm Torque data $Ma=110+10$ Nm Couple de serrage $Ma=110+10$ Nm
55	Anziehdrehmoment $Ma=110+10$ Nm Torque data $Ma=110+10$ Nm Couple de serrage $Ma=110+10$ Nm
59	Anziehdrehmoment $Ma=40+10$ Nm Torque data $Ma=40+10$ Nm Couple de serrage $Ma=40+10$ Nm



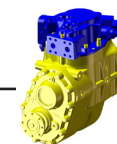
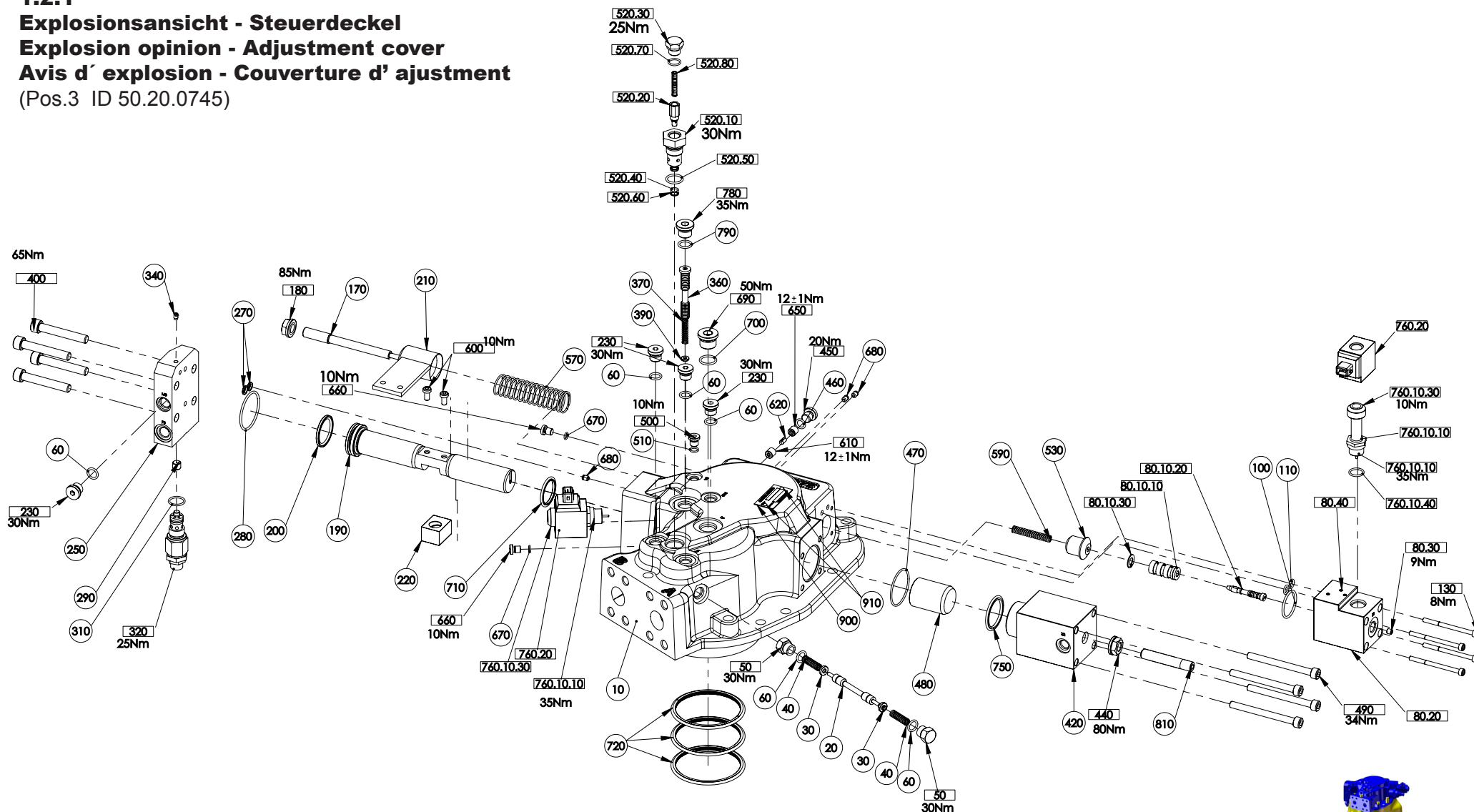
60	Anziehdrehmoment $M_a=100+10$ Nm Torque data $M_a=100+10$ Nm Couple de serrage $M_a=100+10$ Nm
61	Anziehdrehmoment $M_a=40+10$ Nm Torque data $M_a=40+10$ Nm Couple de serrage $M_a=40+10$ Nm
64	Vor Montage auf Gelenkwellenflansch Pos.16 Gummidichtring entfernen und auf 80° C erwärmen. Before assembly remove on drive shaft flange pos.16 rubber seal and warm up to 80°C. Devant assemblée enlevez sur le joint et le préchauffage en caoutchouc de la pos.16 de bride d'arbre d'entraînement sur 80°C
66	Anziehdrehmoment $M_a=22+3$ Nm Torque data $M_a=22+3$ Nm Couple de serrage $M_a=22+3$ Nm
67	Vor Montage auf 140°C erwärmen. Before assembly warm up to 140°C Avant préchauffage d'assemblée à 140°C
70	Anziehdrehmoment Zylinderschrauben (Unterteil von Pos.70) $M_a=125+10$ Nm Toque data cheese-head screws (Lower part from Pos.70) $M_a=125+10$ Nm Couple de serrage vis à tête cylindre (Partie inférieure de la Pos.70) $M_a=125$
71	Anziehdrehmoment $M_a=80+10$ Nm Torque data $M_a=80+10$ Nm Couple de serrage $M_a=80+10$ Nm
73	Vor Montage auf Gelenkwellenflansch Pos. 16 auf 80° C erwärmen Before assembly warm up to 80°C. Avant préchauffage d'assemblée à 80°C
91	Anziehdrehmoment $M_a=22+3$ Nm (Achtung: Zylinderschraube bei Montage mit Delo-ML 5328 bestreichen!) Torque data $M_a=22+3$ Nm Couple de serrage $M_a=22+3$ Nm
-	Alle metallischen Dichtflächen vor Montage mit Loctite 518 bestreichen. Before assembly all metallic sealing surfaces coat with Loctite 518. Devant assemblée toutes les surfaces d'étanchéité métalliques enduisent du Loctite 518



1.2 Steuerdeckel Adjustment cover Couverture d'ajustement

ID 50.20.0810

1.2.1 Explosionsansicht - Steuerdeckel Explosion opinion - Adjustment cover Avis d'explosion - Couverture d'ajustement (Pos.3 ID 50.20.0745)



1.2.1

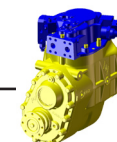
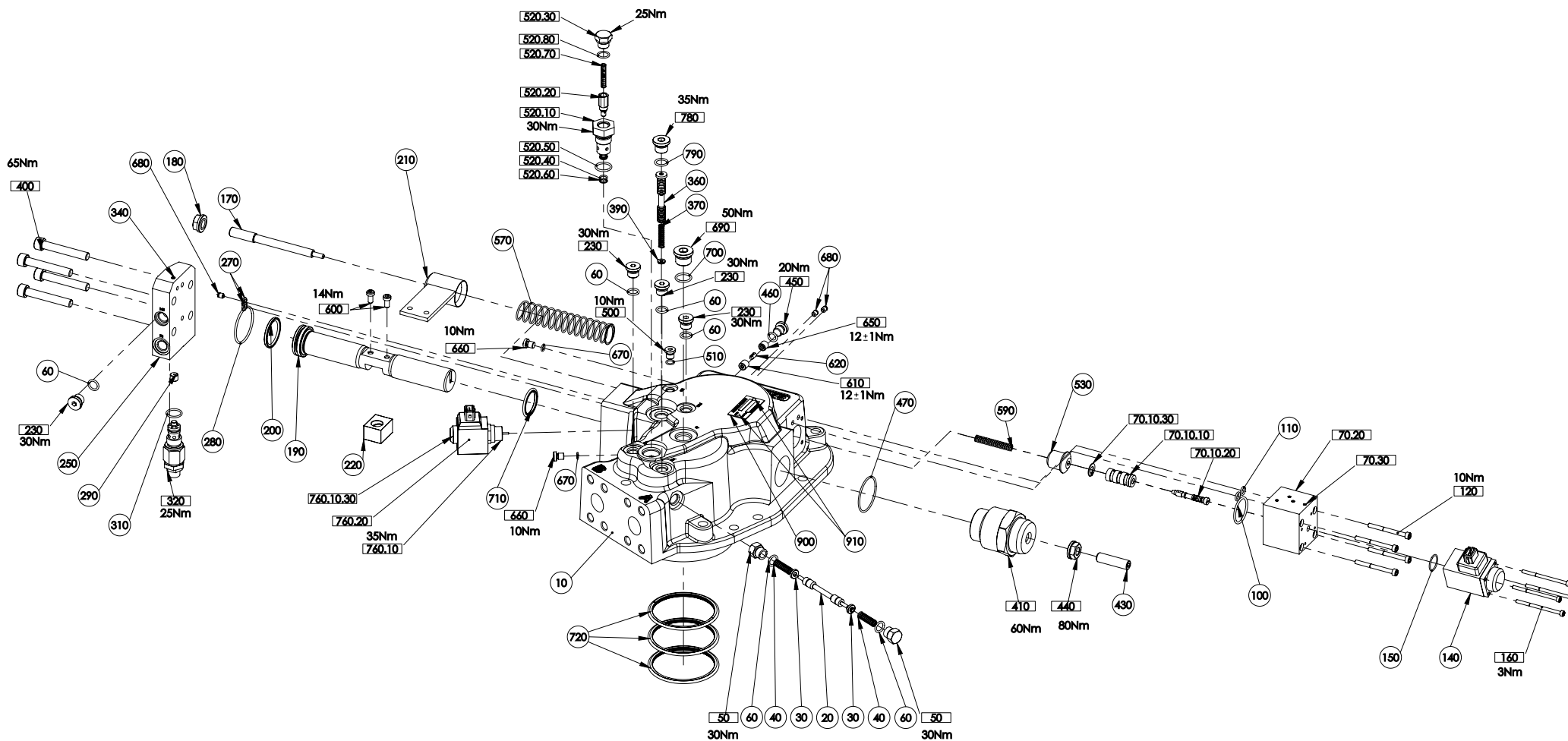
Explosionsansicht - Steuerdeckel

Explosion opinion - Adjustment cover

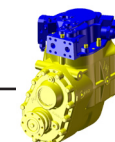
Avis d'explosion - Couverture d'ajustment

(Pos.3 ID 50.20.0755)

ID 50.20.0820

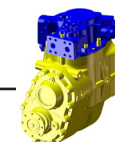


ID 50.20.0860

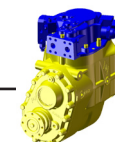


1.2.2
Stückliste - Steuerdeckel
Parts list - Adjustment cover
Liste de pièces - Couverture
d'ajustement

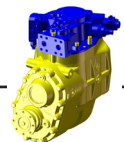
Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
10		1	Gussgehäuse	Housing adjustment	Corps
			in 50.20.0745		
			In 50.20.0755, 50.20.0805, 50.20.0815		
20		1	Steuerschieber	Adjustment piston	Réglage piston
30		1	Federteller	Spring retainer	Siège de ressort
40		1	Druckfeder	Compression spring	Ressort dépression
50		1	Verschlusschraube	Locking screw	Vis de fermeture
60		1	O-Ring	O-ring	Joins en o
70		1	Vorsteuerventil elektrisch kpl.	Electrical pilot valve	Soupape de commande élec- trique
80		1	Vorsteuerventil hydraulisch	Pressure pilot valve	Soupape de commande hy- draulique
100		1	O-Ring	O-ring	Joins en o
110		2	O-Ring	O-ring	Joins en o



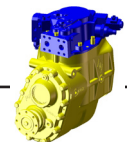
Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
120		4	Zylinderschraube	Screw	Vis
130		4	Zylinderschraube	Screw	Vis
140		1	Proportionalmagnet	Proportional solenoid	Solénoïde à effet proport.
150		1	O-Ring	O-ring	Joins en o
160		4	Zylinderschraube	Screw	Vis
170		1	Regelbeginnschraube	Control beginning screw	Vis réglementaire
180		1	Bundmutter	Collar nut	Écrou à épaulement
190		1	Stellkolben	Adjustment piston	Réglage piston
200		1	Kolbendichtung	Piston seal	Etanchéifiassions du piston
210		1	Federaufnahme	Spring guide	Ressort guide
220		1	Gleitstein	Slide ring	Sabot de guidage
230		4	Verschlusschraube	Locking screw	Vis de fermeture
250		4	O-Ring	O-ring	Joins en o
270		2	Rechteckring	Rectangle ring	Anneau rectangulaire
280		1	O-Ring	O-ring	Joins en o
290	50.20.0254	1	Düse	orifice	Gicleur
310		1	O-Ring	O-ring	Joins en o



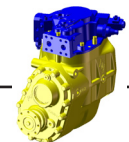
Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
320	50.20.0248	1	Druckbegrenzungsventil	Pressure relief valve	Limiteur de pression
340		1	Zugexpander	expander	extenseur
360		1	Fahrtrichtungsschieber	Driving direction piston	Piston de direction de voyage
370		1	Druckfeder	Compression spring	Ressort depression
390		1	Scheibe	disc	disque
400		4	Zylinderschraube	Screw	Vis
410		1	Gehäuse Hubverstellung	Cover	Couvercle
420		1	Gehäuse Hubverstellung hydr.	Cover hydraulically	Couvercle hydraulique
430		1	Gewindestift DIN 913	Grub screw	goujon fileté
440		1	Bundmutter	Collar nut	Écrou à épaulement
450		1	Verschlusschraube	Locking screw	Vis de fermeture
460		1	O-Ring	O-ring	Joins en o
470		1	O-Ring	O-ring	Joins en o
480		1	Anschlagbuchse	Stop sleeve	Coussinet buté a' vis
490		4	Zylinderschraube	Screw	Vis
500		1	Verschlusschraube	Locking screw	Vis de fermeture
510		1	O-Ring	O-ring	Joins en o



Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
520	50.20.0730		Spülventil	Flushing valve	Valve de rinçage
530		1	Federteller	Spring retainer	Siège de ressort
570		1	Druckfeder	Compression spring	Ressort dépression
590		1	Federteller	Spring retainer	Siège de ressort
590		1	Druckfeder	Compression spring	Ressort dépression
600		2	Zylinderschraube	Screw	Vis
610	50.20.0523	1	Drosselschraube	Throttle screw down	Vis d'Etranglement vers le bas
620	50.20.0511	1	Drosselstift	Throttle spool	Tiroir d'étranglement
650	50.20.0522	1	Drosselschraube	Throttle screw down	Vis d'Entanglement veers le bas
660		2	Verschlusschraube	Locking screw	Vis de fermeture
670		2	O-Ring	O-ring	Joins en o
680		3	Expander	expander	extenseur
690		1	Verschlusschraube	Locking screw	Vis de fermeture
700		1	O-Ring	O-ring	Joins en o



Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
710		1	Stangendichtung	Piston rod seal	Etanchéifiassions de la tige de vérin
720		3	Stangendichtung	Piston rod seal	Etanchéifiassions de la tige de vérin
750		1	Stangendichtung	Piston rod seal	Etanchéifiassions de la tige de vérin
760		1	Magnetventil	Solenoid valve	Valve à solénoïde
780		1	Verschlusschraube	Locking screw	Vis de fermeture
790		1	O-Ring	O-ring	Joins en o
810		1	Gewindestift DIN913	Grub screw	Tigra filetée
900		1	Typenschild	Identification plate	Plaque signalétique
910		1	Kerbnagel	Round head grooved pin	Goupille cannelée à tête ronde
999	50.20.1111	1	Dichtsatz kpl.	Seal kit (completely)	Jeu de joints (complets)



1.2.3

Aufgelöste Bauteile

Dissolved construction units

Éléments dissous

1.2.3.1

Druckbegrenzungsventile

Pressure relief valve

Limiteur de pression

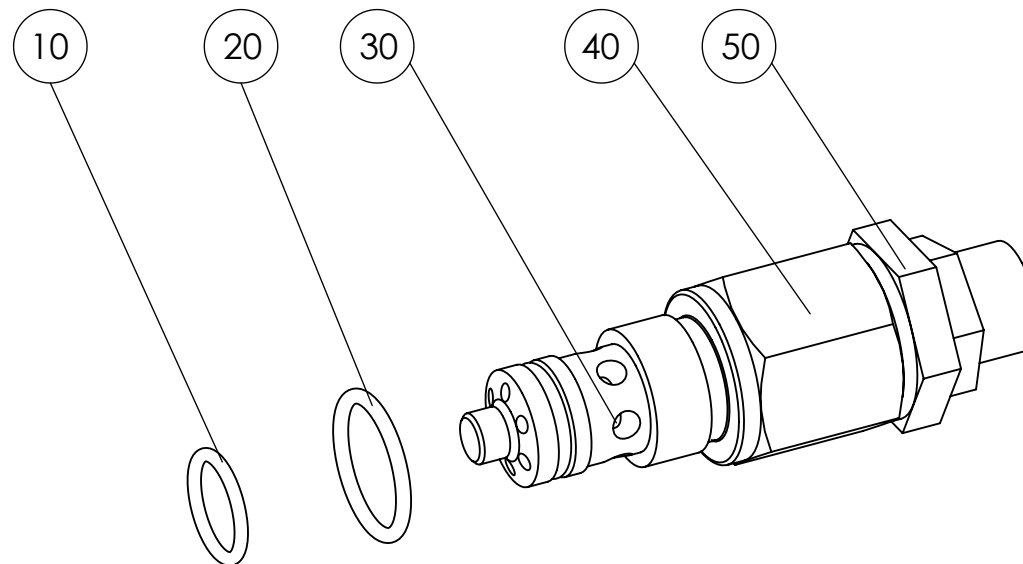
(Pos.330 / ID 50.20.0248)

1.2.3.1.1

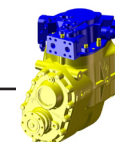
Stückliste - Druckbegrenzungsventil

Parts list - Pressure relief valve

Liste de pièces - Limiteur de pression

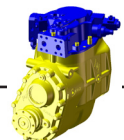


Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
10	50.20.0327	1	O-Ring	O-Ring	Joint en o
20	50.20.0279	1	O-Ring	O-Ring	Joint en o
30	50.20.0382	1	Druckfeder	Compression spring	Ressort de pression
40	056770	1	O-Ring	O-Ring	Joint en o



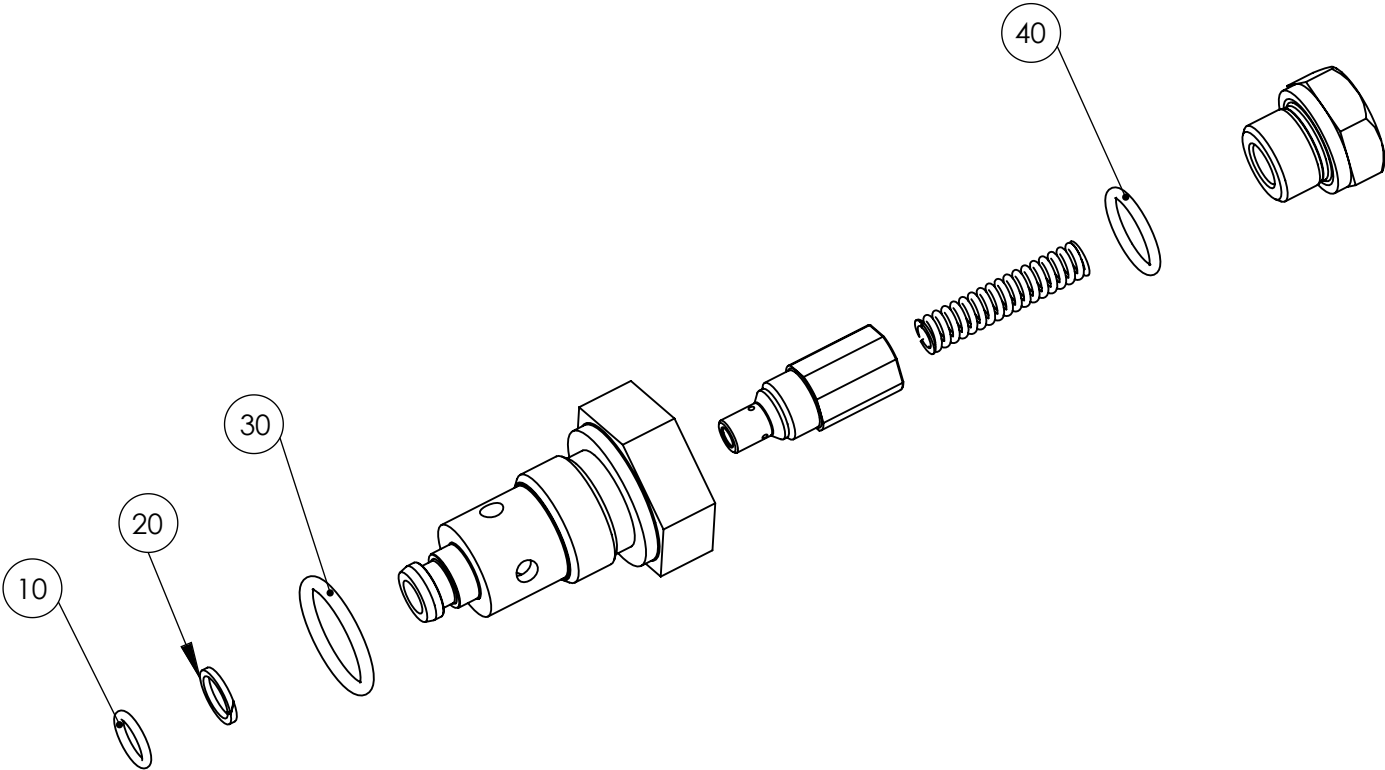
1.2.3.1.2**Montagehinweise - Druckbegrenzungsventil****Assembling instructions - Pressure relief valve****Indications d'assemblage - Limiteur de pression**

Pos.	Benennung Description Désignation
50	Anziehdrehmoment Ma=20+5 Nm Torque data Ma=20+5 Nm Couple de serrage Ma=20+5 Nm
40-50	Anschlagschraube Pos.50 in Gehäuse Pos.40 gesichert mit Loctite 601 (grün) Stop screw Pos.50 in housing Pos.40 secured with Loctite 601 (green) Vis de butée Pos.50 dans les logements Pos.40 sûr avec le loctite 601 (vert)



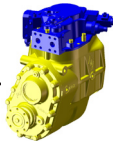
1.2.3.2
Spülventil
Flushing valve
Valve de rinçage

Pos.530 ID 50.20.0730



1.2.3.2.1
Stückliste - Spülventil
Parts list - Flushing valve

Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
10	50.20.0697	1	O-Ring	O-Ring	Joint en o
20	50.20.0704	1	Stützring	Supporting ring	
30	50.20.0702	1	O-Ring	O-Ring	Joint en o
40	50.20.0327	1	O-Ring	O-Ring	Joint en o



1.2.3.3

Wechselschieber kpl.

Loop flushing valve

Valve de rinçage

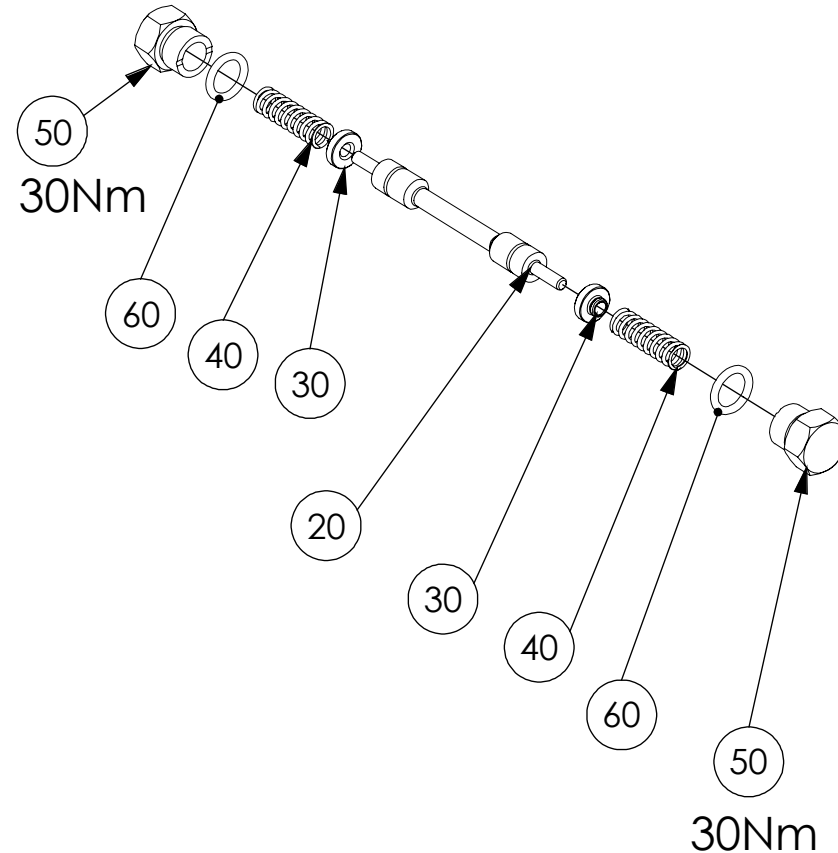
Pos.900 / ID 50.10.0015

1.2.3.3.1

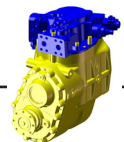
Stückliste - Wechselschieber kpl.

Parts list - Loop flushing valve

Liste de pièces - Valve de rinçage



Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
20	50.20.0626	1	Spülschieber	Flushing piston	Piston de rinçage
30	50.20.0325	2	Federteller	Spring retainer	Siège de ressort
40	50.20.0324	2	Druckfeder	Compression spring	Ressort de pression
50	50.20.0711	2	Verschlussschraube	Locking screw	Vis de fermeture
60	50.20.0698	2	O-Ring	O-Ring	Joint en o



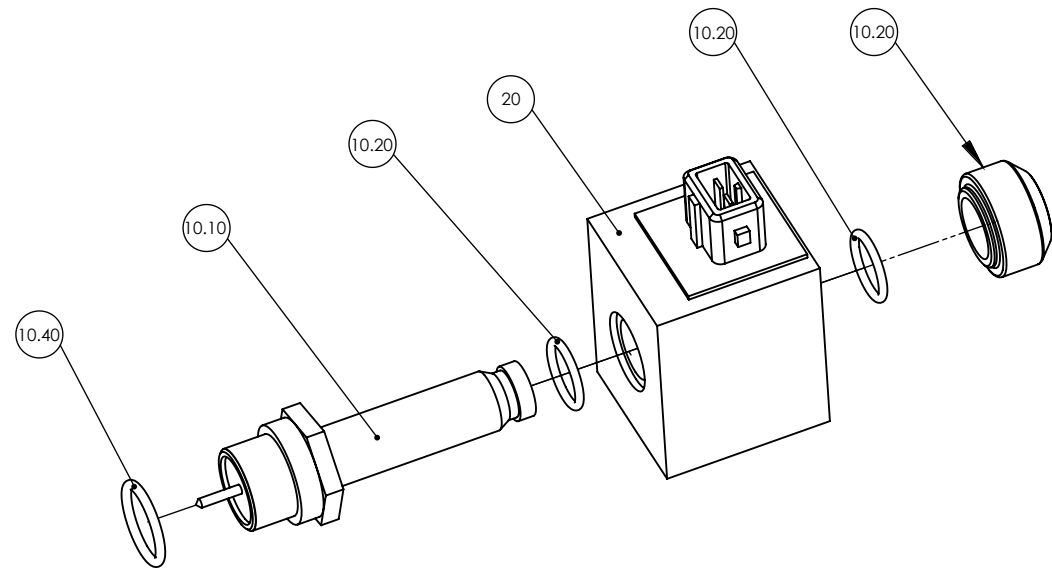
1.2.3.4

Magnetventil kpl.

Solenoid valve

Valve à solénoïde

Pos.780 / ID 50.10.0016



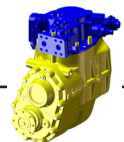
1.2.3.4.1

Stückliste - Magnetventil kpl.

Parts list - Solenoid valve

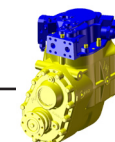
Liste de pièces - Valve à solénoïde

Pos.	Bestellnr. Order nr. No. d'ordre	Stück QTY Pièces	Benennung	Description	Désignation
10.10		1	Druckrohr	Solenoid pipe	
10.20	50.20.0328	2	O-Ring	O-Ring	Joint en o
10.30	50.20.0329	1	Rändelmutter	Knurled-head nut	Écrou
10.40	50.20.0277	1	O-Ring	O-Ring	Joint en o
20	50.20.0330	1	Magnetspule	Solenoid coil	Bobine de solénoïde



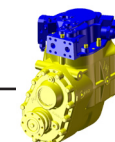
1.2.3.4.2**Montagehinweise – Magnetventil kpl.****Assembling instructions - Solenoid valve****Indications d'assemblage - Valve à solénoïde**

Pos.	Benennung Description Désignation
20	Anziehdrehmoment Ma=10+2 Nm Torque data Ma=10+2 Nm Couple de serrage Ma=10+2 Nm

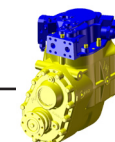


1.2.4
Montagehinweise - Steuerdeckel
Assembling instructions - Adjustment cover
Indications d'assemblage - Couverture d'ajustement

Pos.	Benennung	Description	Désignation
60	Anziehdrehmoment Ma=60+4 Nm	Torque data Ma=60+4 Nm	Couple de serrage Ma=60+4 Nm
60	Bei Montage Position des Anschlusses X2 angepasst.	When assembling position of the port X2 adapted	Adapté avec un assemblage position du raccordement X2
210	Anziehdrehmoment Ma=40+3 Nm	Torque data Ma=40+3 Nm	Couple de serrage Ma=40+3 Nm
230	Anziehdrehmoment Ma=50+10 Nm	Torque data Ma=50+10 Nm	Couple de serrage Ma=110+10 Nm
250	Anziehdrehmoment Ma=40+3 Nm	Torque data Ma=40+3 Nm	Couple de serrage Ma=40+3 Nm
250	Bei Montage Dichtring (Pos.760) zuerst in die Bohrung	When assembling sealing ring (pos.760) first into the drilling	Avec un assemblage bague-jointe (pos.760) d'abord dans le perçage
270	Anziehdrehmoment Ma=35+5 Nm	Torque data Ma=35+5 Nm	Couple de serrage Ma=35+5 mm
360	Anziehdrehmoment Ma=5,5+1 Nm	Torque data Ma=5,5+1 Nm	Couple de serrage Ma=5,5+1 mm
370	Anziehdrehmoment Ma=5,5+1 Nm	Torque data Ma=5,5+1 Nm	Couple de serrage Ma=5,5+1 mm
390	Anziehdrehmoment Ma=5,5+1 Nm	Torque data Ma=5,5+1 Nm	Couple de serrage Ma=5,5+1 mm
400	Anziehdrehmoment Ma=60+4 Nm	Torque data Ma=60+4 Nm	Couple de serrage Ma=60+4 mm
410	Anziehdrehmoment Ma=25+2 Nm	Torque data Ma=25+2 Nm	Couple de serrage Ma=25+2 mm
420	Anziehdrehmoment Ma=12+1 Nm	Torque data Ma=12+1 Nm	Couple de serrage Ma=12+1 Nm
440	Anziehdrehmoment Ma=80+5 Nm	Torque data Ma=80+5 Nm	Couple de serrage Ma=80+5 Nm
450	Anziehdrehmoment Ma=60+4 Nm	Torque data Ma=60+4 Nm	Couple de serrage Ma=60+4 mm



Pos.	Benennung	Description	Désignation
580, 590 600,610	Für Montage geeignete Hilfsmittel verwenden.	Use suitable aids for assembly	Pour assemblage des aides appropriées utiliser
700	Anziehdrehmoment Ma=55+4 Nm	Torque data Ma=55+4 Nm	Couple de serrage Ma=55+4 Nm
710	Anziehdrehmoment Ma=5,5+1 Nm	Torque data Ma=5,5+1 Nm	Couple de serrage Ma=5,5+1 Nm
720	Anziehdrehmoment Ma=5,5+1 Nm	Torque data Ma=5,5+1 Nm	Couple de serrage Ma=5,5+1 Nm
720	Mit Loctite 243 sichern	Secure with loctite 243	Avec des loctite 243 assurer
730	Anziehdrehmoment Ma=5,5+1 Nm	Torque data Ma=5,5+1 Nm	Couple de serrage Ma=5,5+1 Nm
740	Anziehdrehmoment Ma=2,5+0,5 Nm	Torque data Ma=2,5+0,5 Nm	Couple de serrage Ma=2,5+0,5Nm
810	Anziehdrehmoment Ma=40+3 Nm	Torque data Ma=40+3 Nm	Couple de serrage Ma=40+3 Nm
820	Anziehdrehmoment Ma=35+5 Nm	Torque data Ma=35+5 Nm	Couple de serrage Ma=35+5 Nm



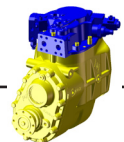
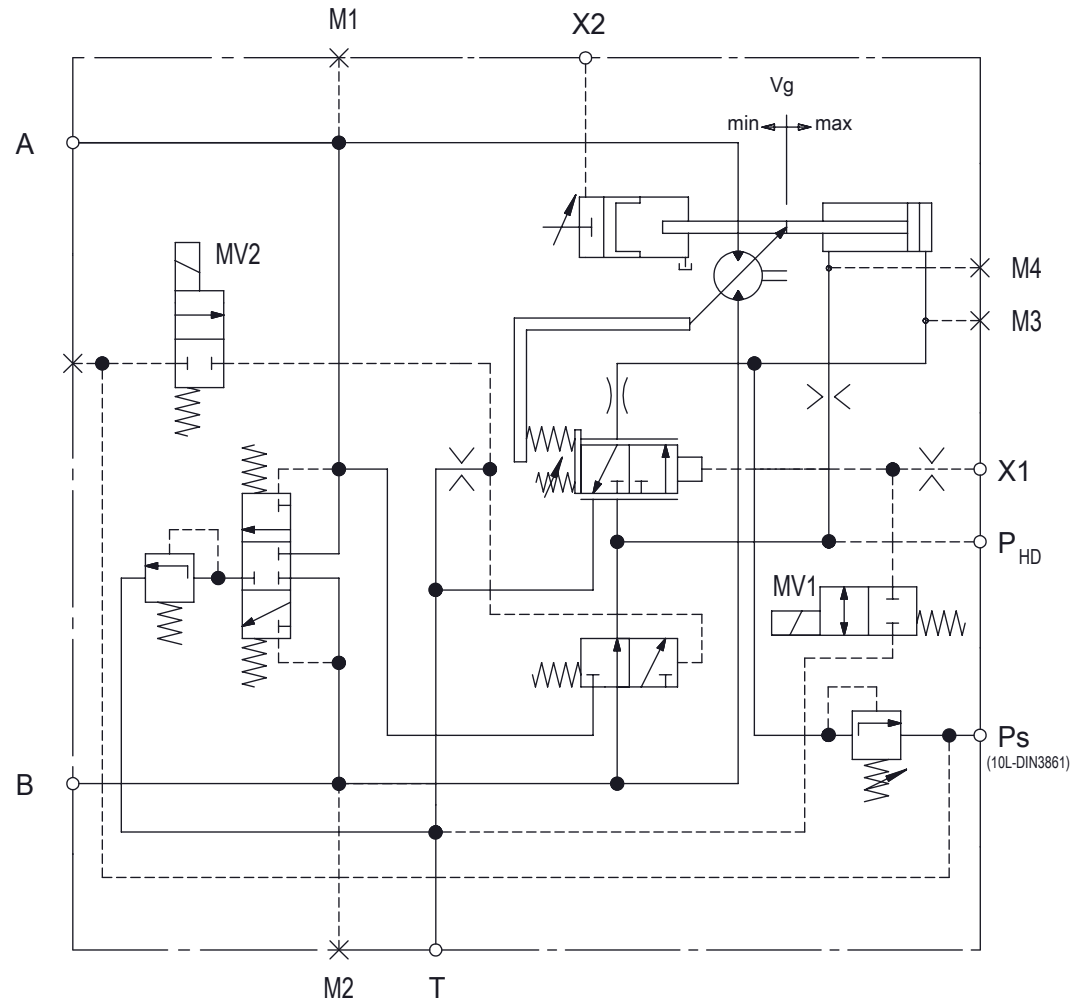
1.2.5

Schaltplan - Steuerdeckel

Circuit diagram - Adjustment cover

Schéma - Couverture d'ajustement

ID 50.20.0810



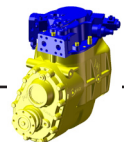
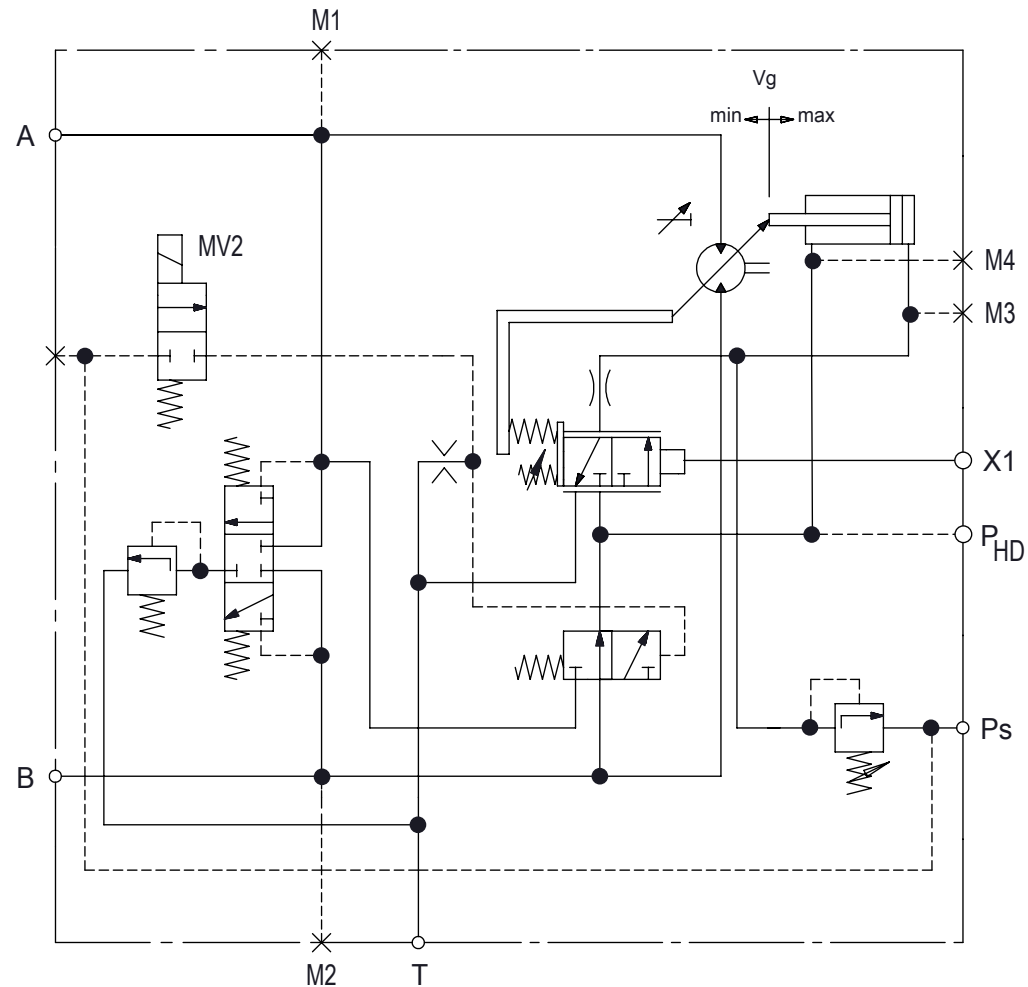
1.2.5

Schaltplan - Steuerdeckel

Circuit diagram - Adjustment cover

Schéma - Couverture d'ajustement

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1.2.5

Schaltplan - Steuerdeckel

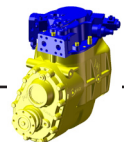
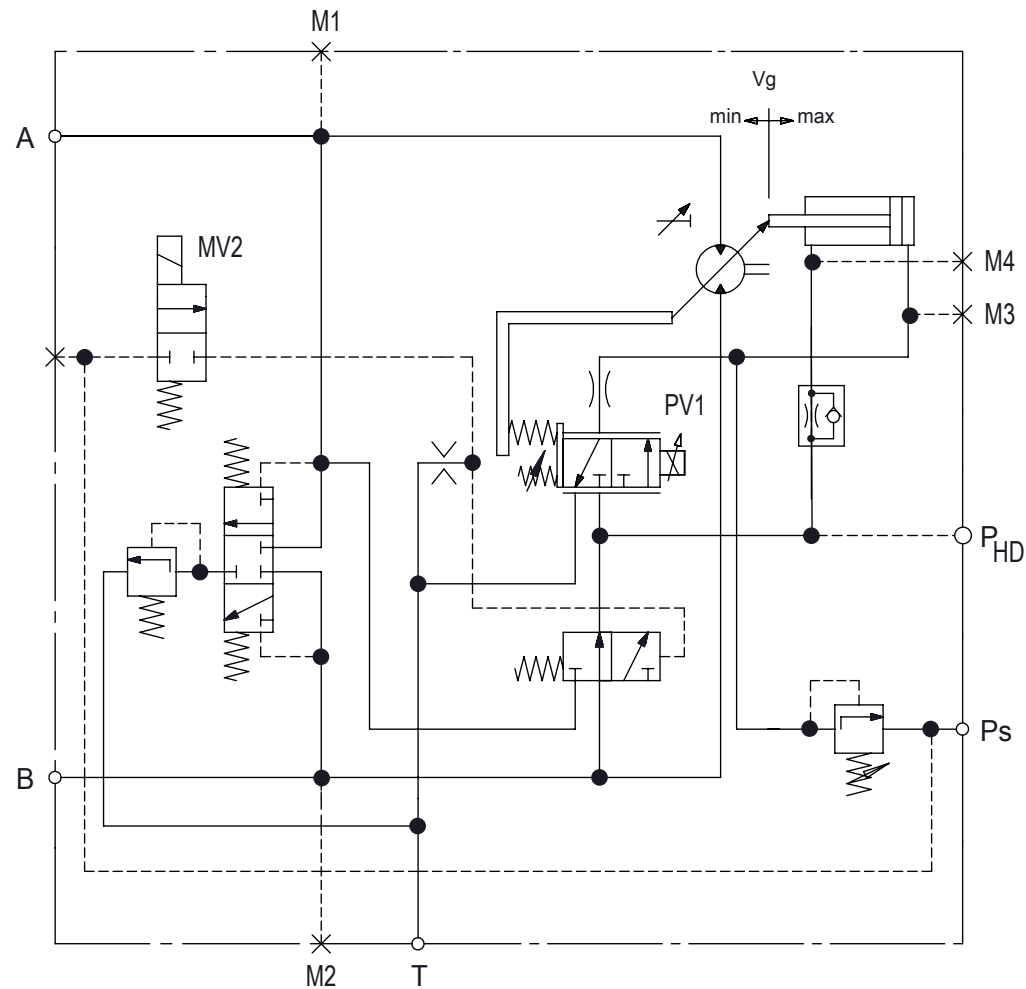
Circuit diagram - Adjustment cover

Schéma - Couverture d'ajustement

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ID 50.20.0840

ID 50.20.0860



1.2.5

Schaltplan - Steuerdeckel

Circuit diagram - Adjustment cover

Schéma - Couverture d'ajustement

ID 50.20.0850

