

Flygt 3153.095/185

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1 Introduction

Purpose of this manual

The purpose of this manual is to provide necessary information on spare parts and accessories order.

Disclaimer

Always use genuine Flygt parts. The use of other spare parts or accessories can invalidate any claims for warranty or compensation. Xylem does not take any responsibility for damages that are caused by the use of non-original parts. For more information, contact your local sales and service representative.

Data for ordering spare parts

The following information is needed for spare part orders:

- Serial number of the product
- Part number
- Quantity of bulk material, see * in tables

1.1 Specially approved products

Qualification of personnel

Only Xylem or Xylem-authorized service personnel may undertake repair work on specially approved products.

Dimensional accuracy inspection

Spare parts marked with (Ex) after the part number are subject to dimensional accuracy inspection when used in specially approved products.

2 Product Description

2.1 The data plate

The data plate is a metal label that is located on the main body of the products. The data plate lists key product specifications. Specially approved products also have an approval plate.

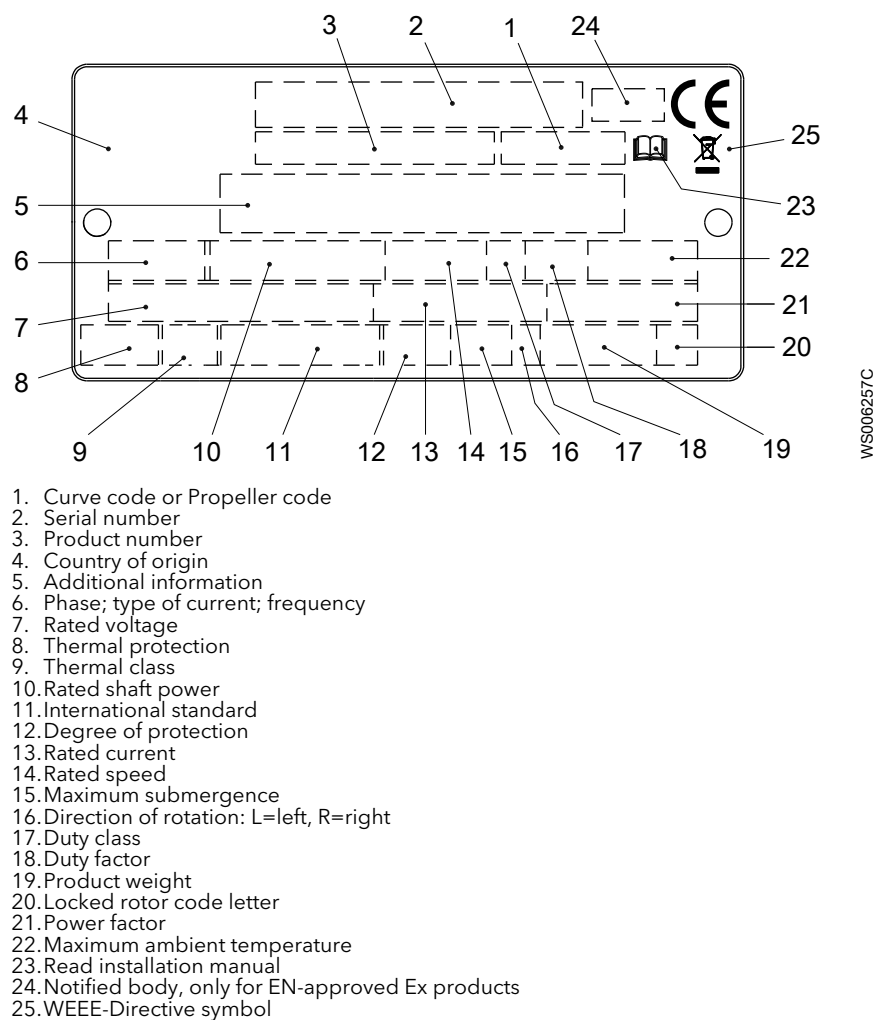


Figure 1: The data plate

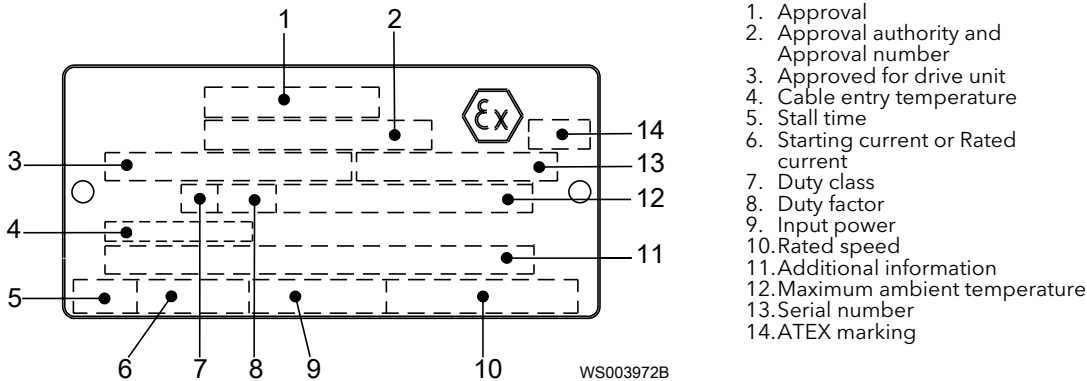
2.2 Approvals

Product approvals for hazardous locations

Pump	Approval
3153.095	European Norm (EN) • ATEX Directive • EN 60079-0:2012/A11:2013, EN 60079-1:2014, EN 13463-1:2009, EN 13463-5:2011 •  I M2 c Ex db I Mb •  II 2 G c Ex db IIB T3 Gb
	IEC • IECEx scheme • IEC 60079-0, IEC 60079-1 • Ex d I Mb • Ex d IIB T3 Gb
	FM (FM Approvals) • Explosion proof for use in Class I, Div. 1, Group C and D • Dust ignition proof for use in Class II, Div. 1, Group E, F and G • Suitable for use in Class III, Div. 1, Hazardous Locations
	CSA Ex • Explosion proof for use in Class I, Div. 1, Group C and D

EN approval plate

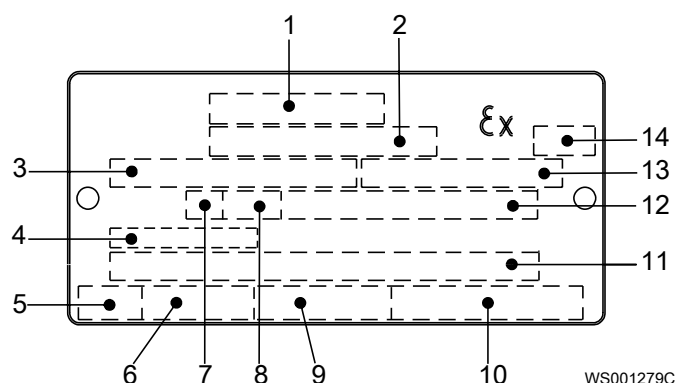
This illustration describes the EN approval plate and the information that is contained in its fields.



IEC approval plate

This illustration describes the IEC approval plate and the information that is contained in its fields.

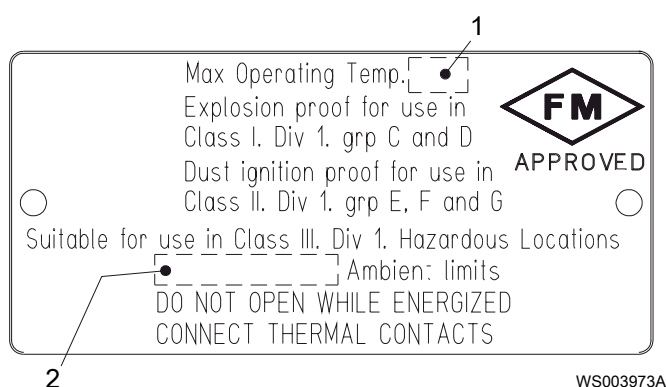
International Norm; not for EU member countries.



1. Approval
2. Approval authority and Approval number
3. Approved for drive unit
4. Cable entry temperature
5. Stall time
6. Starting current or Rated current
7. Duty class
8. Duty factor
9. Input power
10. Rated speed
11. Additional information
12. Maximum ambient temperature
13. Serial number
14. ATEX marking

FM approval plate

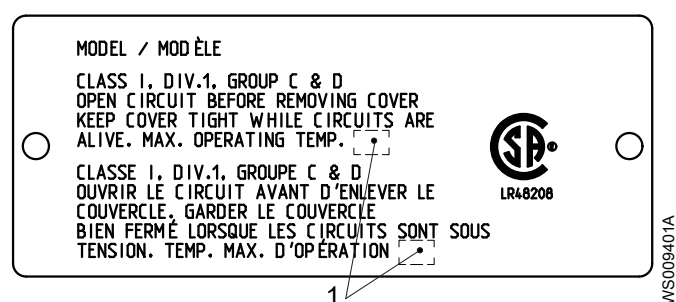
This illustration describes the FM approval plate and the information that is contained in its fields.



1. Temperature class
2. Maximum ambient temperature

CSA approval plate

This illustration describes the CSA approval plate and the information that is contained in its fields.



1. Temperature class

2.3 Product denomination

Reading instruction

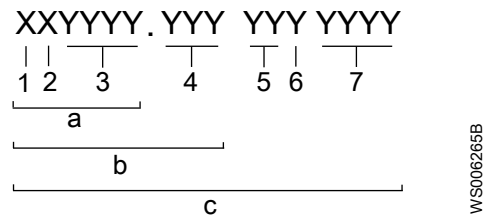
In this section, code characters are illustrated accordingly:

X = letter

Y = digit

The different types of codes are marked up with a, b and c. Code parameters are marked up with numbers.

Codes and parameters

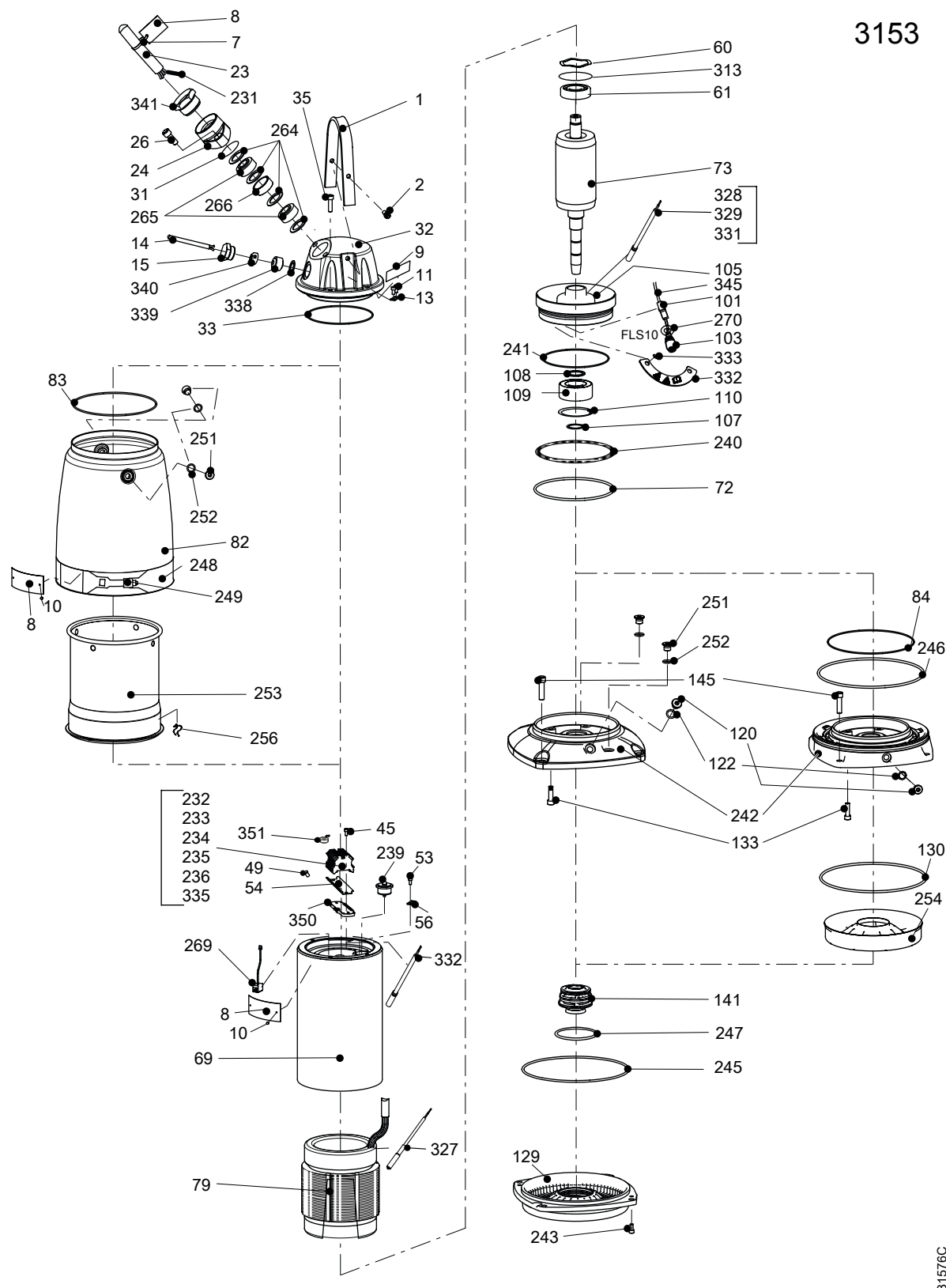


Type of Callout	Number	Indication
Type of code	a	Sales denomination
	b	Product code
	c	Serial number
Parameter	1	Hydraulic end
	2	Type of installation
	3	Sales code
	4	Version
	5	Production year
	6	Production cycle
	7	Running number

3 Exploded View

3.1 Drive Unit

3.1.1 Standard and explosion-proof



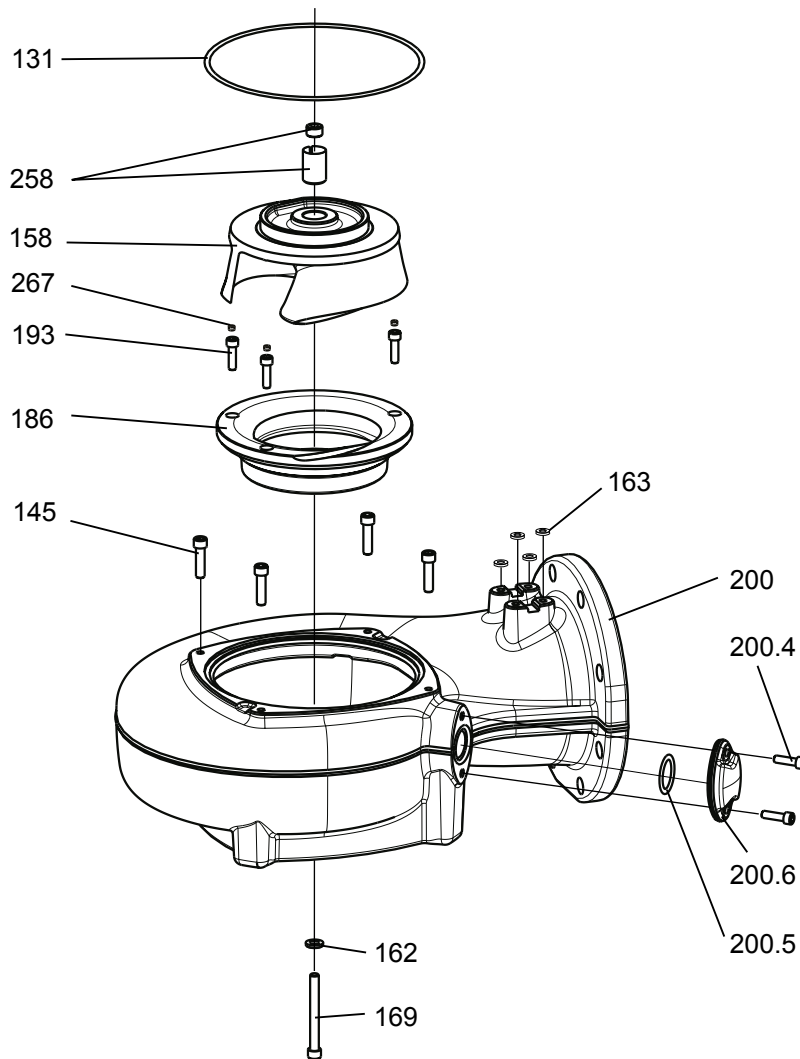
31576C

3.2 Hydraulic Unit

3.2.1 N_LT

4-pole, curve: 411 – 416

N_3153 LT

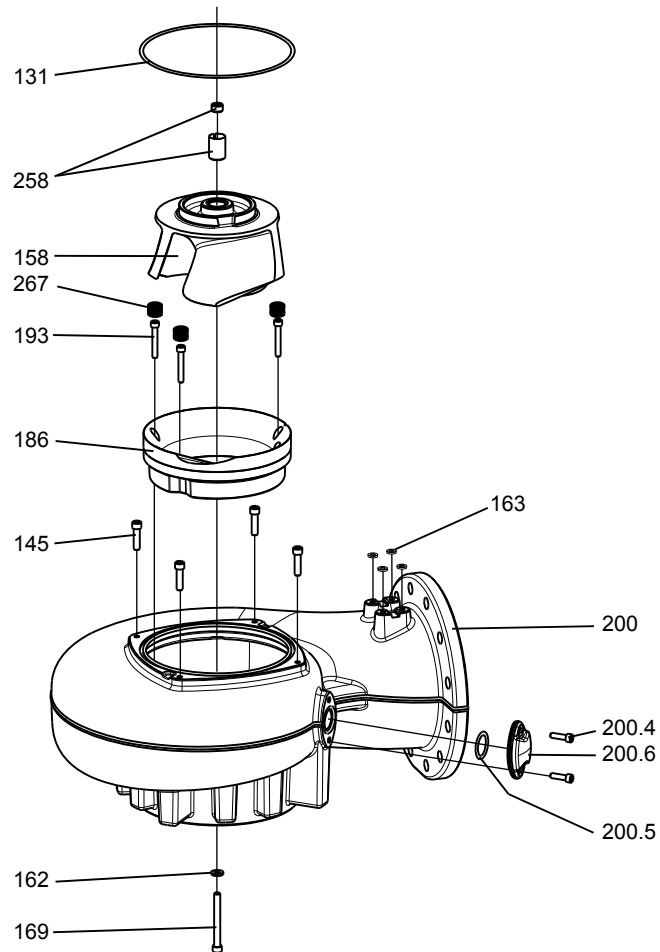


31261

3.2.2 N_LT

6-pole, curve: 620 – 625

N_ 3153 LT (6-pole)

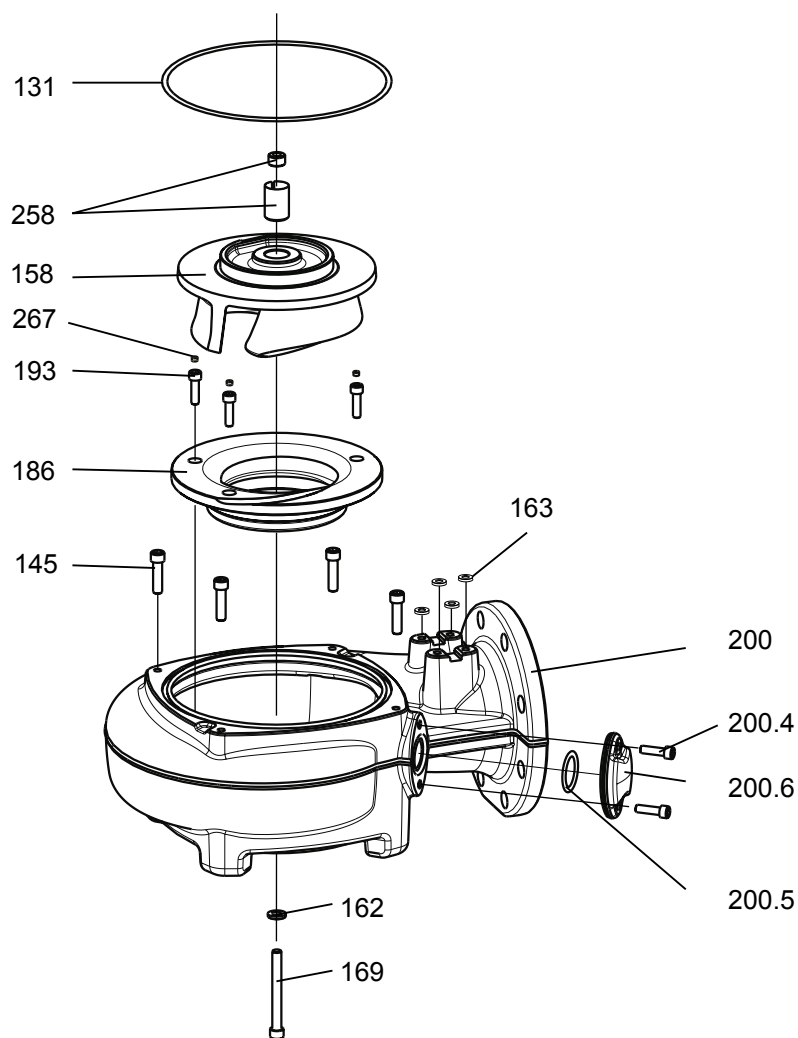


31364

3.2.3 N_MT

Curve: 431– 437

N_ 3153 MT

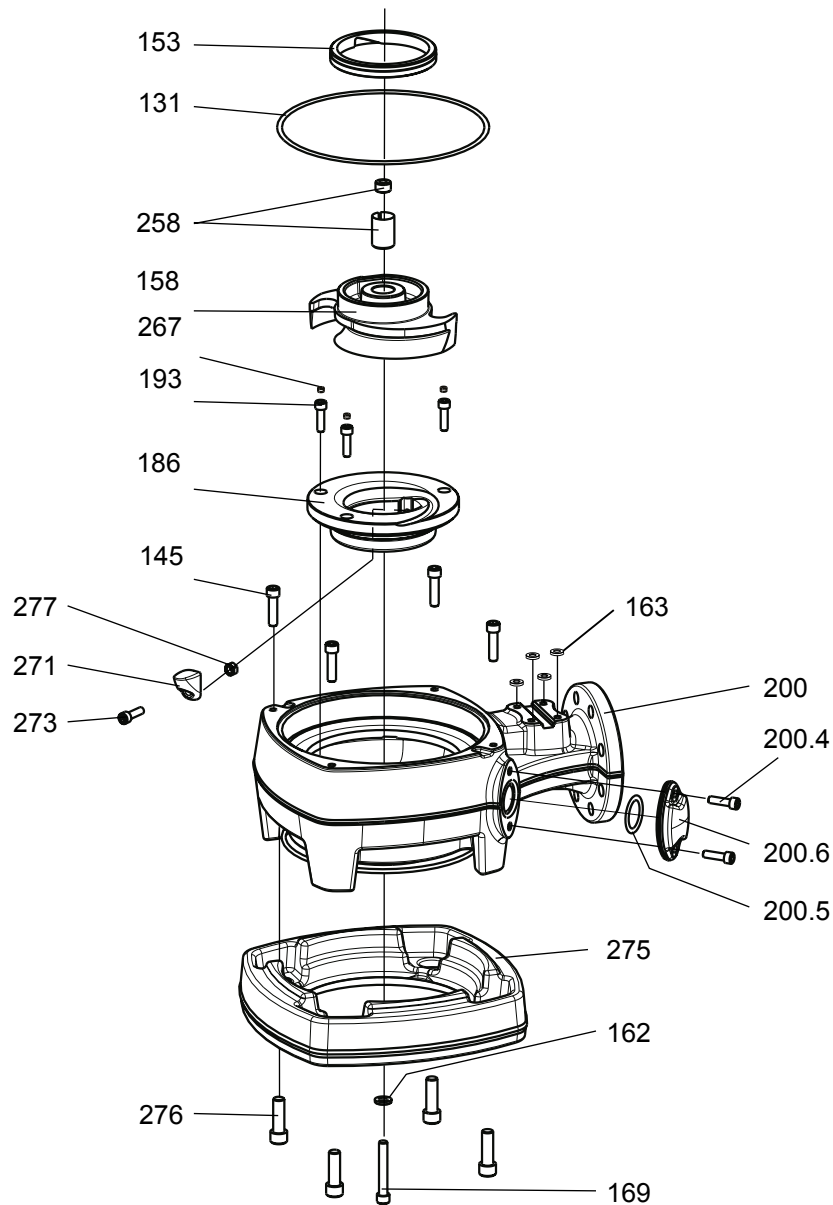


31260

3.2.5 N_SH

Curve: 272 – 276

N_3153 SH

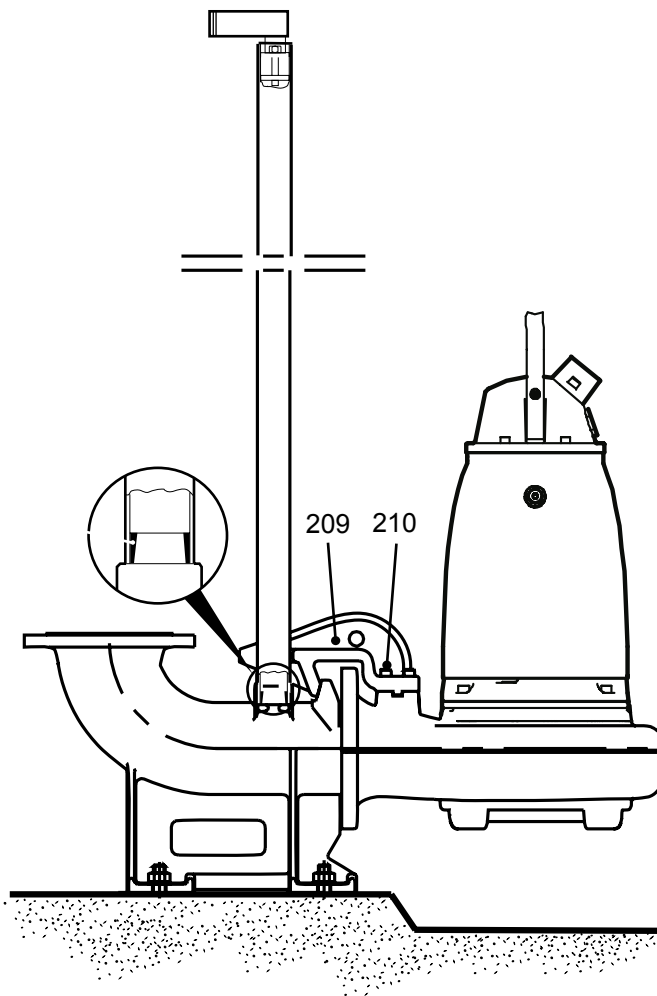


31258

3.3 Installation Components

3.3.1 FP/NP

FP/NP 3153

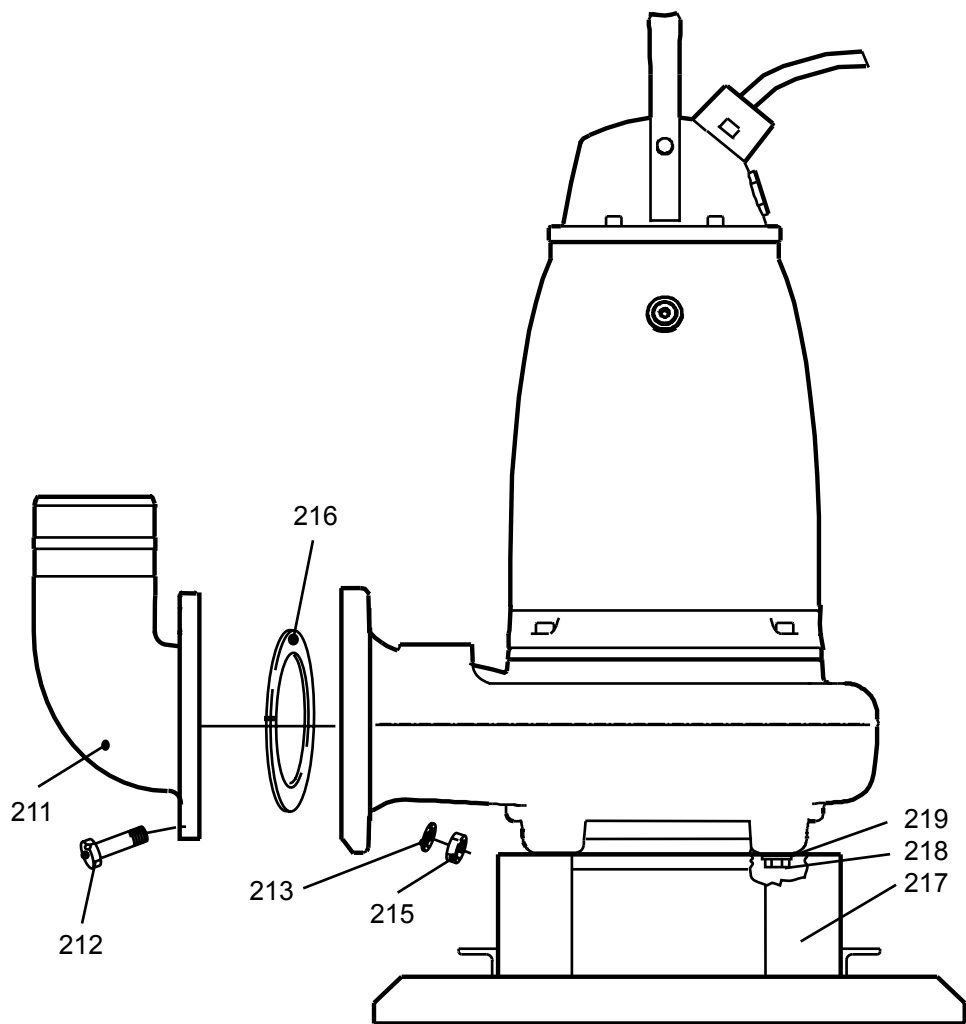


30582D

3.3.2 FS/NS

Hose

FS/NS 3153

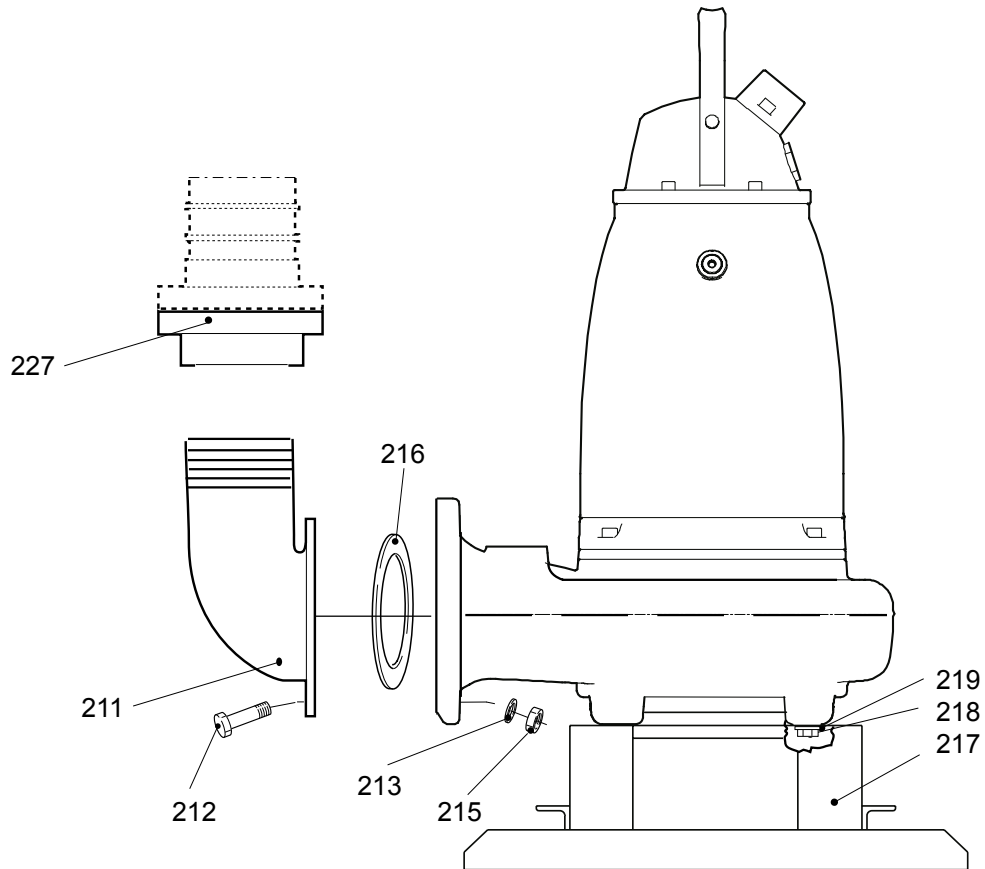


30783

3.3.3 FS/NS

Quick coupling

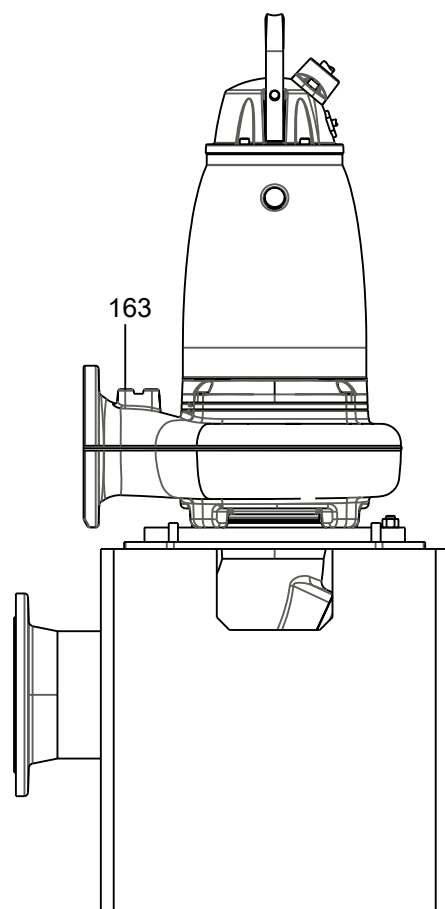
FS/NS 3153



30792

3.3.4 FT/NT

FT/NT 3153



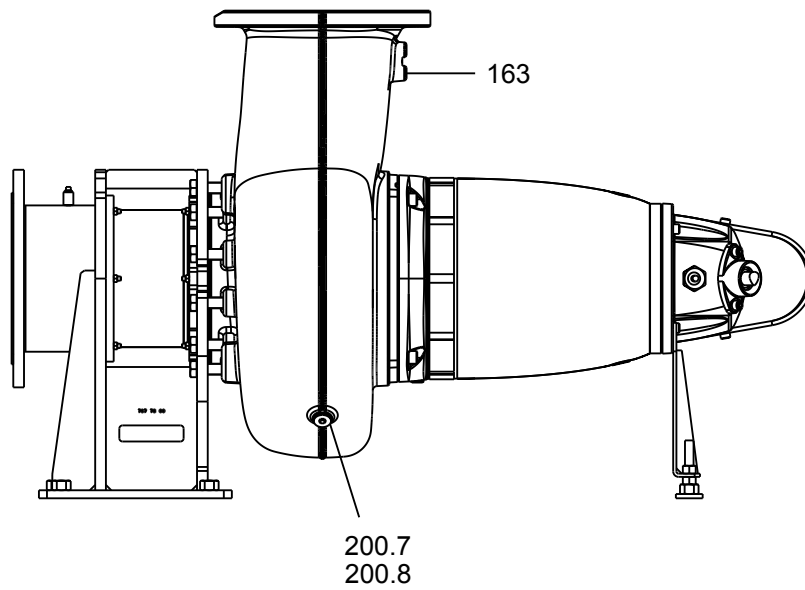
31486

3.3.5 FZ/NZ

Standard design

FZ/NZ 3153

Alt. 1

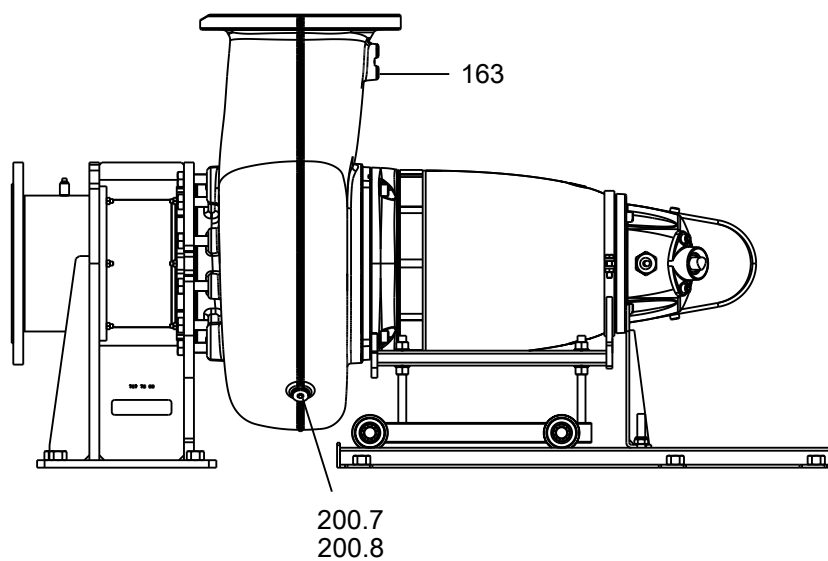


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Alternative design, with service cart

FZ/NZ 3153

Alt. 2



31490

For more information, refer to Mechanical Installation Equipment on TPI.

4 List of Parts

4.1 3153.095/185

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
1	642 15 00	(Ex)	Lifting handle	1	1
2	83 04 56		Hex.socket hd screw M10X35-A4-80	2	2
7	83 45 52		Cable tie 292X3.5 MM	1	1
7	83 45 59		Cable tie 200X2.4 PA 6/6 -55+105	1	1
8	630 68 00	(Ex)	Data plate USE 6306801 AS SPARE PART	2	2
8	630 69 00	(Ex)	Certificate plate EN	2	
8	630 70 00	(Ex)	Certificate plate FM	2	
8	630 69 01	(Ex)	Certificate plate IECEX	2	
8	801 03 02		Name plate	1	
8	630 76 00		Plate HOT WATER PRODUCT		1
9	773 29 00		Connection plate	1	1
9	83 93 50		Marking strip 5-GW (T1, T2, T15, T16)	1	1
9	832 94 00		Connection plate	1	1
9	81 65 46		Marking plate 55 GW (FUNCTIONAL GROUND)	1	1
9	83 93 51		Marking strip W5,V5,U5,V2,W1,U2,V1,W2, U	1	1
10	82 20 88		Drive screw 4X5-A2/A4	2	2
10	82 20 88		Drive screw 4X5-A2/A4	8	8
11	82 00 11		Hex.socket hd screw M6X12- A2-70	2	
13	642 16 00	(Ex)	Earthing plate	1	
14	94 19 22		Control cable subcab 7X1,5	*	*
14	94 19 30		Control cable s-flex 25X1.5 Optional OD=19.4-21.4 MM	1	1
15	397 81 00	(Ex)	Gland screw Pr 37	1	1
23	94 20 59		Motor cable subcab 4G2.5+2X1.5	*	*
23	94 20 60		Motor cable subcab 4G4+2X1.5	*	*
23	94 20 56		Motor cable subcab 4G6+2X1.5	*	*
23	94 19 81		Motor cable subcab 4G10+S(2X0.5)	*	*
23	94 20 82		Motor cable subcab 7G2.5+2X1.5	*	*
23	94 20 80		Motor cable subcab 7G4+2X1.5	*	*

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
23	94 19 80		Motor cable subcab 7G6+S(2X0.5)	*	*
23	94 19 82		Motor cable subcab 4G16+S(2X0.5)	*	*
23	94 19 83		Motor cable subcab 4G25+S(2X0.5)	*	*
23	94 19 90		Motor cable subcab S3X2.5+3X2.5/3+S(4X0.5)	*	*
23	94 19 91		Motor cable subcab S3X6+3X6/3+S(4X0.5)	*	*
23	94 19 93		Motor cable subcab S3X16+3X16/3+S(4X0.5)	*	*
23	94 19 92		Motor cable subcab S3X10+3X10/3+S(4X0.5)	*	*
24	642 17 01	(Ex)	Entrance flange (14)-32 MM	1	
24	597 87 01	(Ex)	Entrance flange ISO G1 1/4, (17)-23 MM	1	1
24	597 87 04	(Ex)	Entrance flange ISO 228/1- G2, (17)-23 MM	1	1
24	597 87 11	(Ex)	Entrance flange 1 1/2-11.5 NPT, (17)-23 M	1	1
24	597 87 08	(Ex)	Entrance flange 2-11.5 NPT, (17)-23 MM	1	1
24	642 17 00		Entrance flange (20)-32 MM		1
26	83 04 53		Hex.socket hd screw M12X45-A4-80	2	2
31	82 74 63		O-ring 49.5X3 NBR	1	1
31	82 81 03		O-ring 49.5X3 FPM	1	1
32	796 05 01	(Ex)	Entrance cover	1	
32	796 05 05	(Ex)	Entrance cover	1	
32	796 05 00		Entrance cover		1
32	796 05 04		Entrance cover		1
33	82 78 35		O-ring 175X3 NBR	1	1
33	82 71 33		O-ring 175X3 FPM	1	1
35	83 04 56		Hex.socket hd screw M10X35-A4-80	4	4
45	82 00 11		Hex.socket hd screw M6X12- A2-70	2	2
45	82 00 17		Hex.socket hd screw M6X25- A2-70	2	2
49	83 42 48		End sleeve H16/24	3	3
49	83 42 49		End sleeve H25/30	3	3
51	83 42 62		Closed-end splice 0.33-0.82 (AWG 22-18)	2	2
53	82 00 11		Hex.socket hd screw M6X12- A2-70	2	2
54	642 08 00		Rail	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
54	642 08 02		Rail Prepared for: MAS 801	1	1
56	642 16 00	(Ex)	Earthing plate	1	1
60	82 56 25		Spring washer 71.5X59X0.55 MM	1	1
61	83 30 16		Ball bearing 30X72X30.2 MM	1	1
69	642 09 01	(Ex)	Stator housing	1	
69	642 09 00		Stator housing		1
72	82 74 94		O-ring 209.3X5.7 NBR	1	1
72	82 80 83		O-ring 209.3X5.7 FPM	1	1
73	641 91 03		Shaft unit 21-18-2	1	1
73	641 98 05	(Ex)	Shaft unit 21-15-4	1	1
73	641 98 06	(Ex)	Shaft unit 21-18-4	1	1
73	648 61 01	(Ex)	Shaft unit 21-18-6	1	1
79	702 44 01	(Ex)	Stator 21-18-2f 50 Hz 2-poles 380V-400V D 660V-690V Y P2=11kW 60 Hz 2-poles 440V-460V D P2=12,70kW/17hp	1	1
79	702 44 02	(Ex)	Stator 21-18-2f 50 Hz 2-poles 220V-230V D 400V Y P2=11kW	1	1
79	702 44 08	(Ex)	Stator 21-18-2f 60 Hz 2-poles 200V-208V D P2=12,70kW/17hp	1	1
79	702 44 04	(Ex)	Stator 21-18-2f 60 Hz 2-poles 440V-460V YSER 220V-230V Y// P2=12,70kW/17hp	1	1
79	702 44 03	(Ex)	Stator 21-18-2f 50 Hz 2-poles 500V D P2=11kW 60 Hz 2-poles 575V-600V D P2=12,70kW/17hp	1	1
79	702 44 07	(Ex)	Stator 21-18-2f 50 Hz 2-poles 415V-440V D P2=11kW	1	1
79	661 39 01	(Ex)	Stator 21-18-2b 50 Hz 2-poles 400V-440V D 690V Y P2=15kW 60 Hz 2-poles 460V-480V D P1=16,40KW 50 Hz 2-poles 400V-440V D 690V Y P1=15,50KW 60 Hz 2-poles 460V-480V D P2=17,20kW/23hp	1	1
79	661 39 02	(Ex)	Stator 21-18-2b 50 Hz 2-poles 400V Y 230V D P2=15kW 50 Hz 2-poles 230V D 400V Y P1= 15,50KW	1	1
79	661 39 08	(Ex)	Stator 21-18-2b 60 Hz 2-poles 200V-208V D P1=16,40KW 60 Hz 2-poles 200V-208V D P2=17,20kW/23hp	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
79	661 39 04	(Ex)	Stator 21-18-2b 60 Hz 2-poles 220V-230V Y// 440V-460V YSER P1=16,40KW 60 Hz 2-poles 440V-460V YSER 220V-230V Y// P2=17,20kW/23hp	1	1
79	661 39 03	(Ex)	Stator 21-18-2b 50 Hz 2-poles 500V D P2=15kW 60 Hz 2-poles 575V-600V D P1=16,40KW 50 Hz 2-poles 500V D P1=15,50KW 60 Hz 2-poles 575V-600V D P2=17,20kW/23hp	1	1
79	661 39 07	(Ex)	Stator 21-18-2b 50 Hz 2-poles 660V Y 380V D P2=15kW 60 Hz 2-poles 440V D P1=16,40KW 50 Hz 2-poles 380V D 660V Y P1=15,40KW 60 Hz 2-poles 440V D P2=17,20kW/23hp	1	1
79	641 94 01	(Ex)	Stator 21-15-4a 50 Hz 4-poles 690V Y 400V D P2=9kW 60 Hz 4-poles 460V-480V D P1=11KW 50 Hz 4-poles 400V D 690V Y P1= 9,30KW 60 Hz 4-poles 460V-480V D P2=11,20kW/15hp 50 Hz 4-poles 690V Y 400V D P2=7,50kW 60 Hz 4-poles 460V D P1=9,40KW 50 Hz 4-poles 400V D 690V Y P1=7,90KW 60 Hz 4-poles 460V D P2=8,90kW/12hp	1	1
79	641 94 02	(Ex)	Stator 21-15-4a 50 Hz 4-poles 400V Y 230V D P2=9kW 50 Hz 4-poles 230V D 400V Y P1=9,30KW 50 Hz 4-poles 400V Y 230V D P2=7,50kW 50 Hz 4-poles 230V D 400V Y P1= 7,90KW	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
79	641 94 03	(Ex)	Stator 21-15-4a 50 Hz 4-poles 415V-440V D P2=7,50kW 50 Hz 4-poles 415V-440V D P1=8,10KW 50 Hz 4-poles 415V-440V D P2=9kW 50 Hz 4-poles 415V-440V D P1=9,50KW	1	1
79	641 94 04	(Ex)	Stator 21-15-4a 60 Hz 4-poles 200V-208V D P1=9,40KW 60 Hz 4-poles 200V-208V D P2=8,90kW/12hp 60 Hz 4-poles 200V-208V D P1=11KW 60 Hz 4-poles 200V-208V D P2=11,20kW/15hp	1	1
79	641 94 05	(Ex)	Stator 21-15-4a 60 Hz 4-poles 230V Y// 460V YSER P1=11KW 60 Hz 4-poles 460V YSER 230V Y// P2=11,20kW/15hp 60 Hz 4-poles 230V Y// 460V YSER P1=9,40KW 60 Hz 4-poles 460V YSER 230V Y// P2=8,90kW/12hp	1	1
79	641 94 06	(Ex)	Stator 21-15-4a 60 Hz 4-poles 380V D P1=9,40KW 60 Hz 4-poles 380V D P2=8,90kW/12hp 60 Hz 4-poles 380V D P1=11KW 60 Hz 4-poles 380V D P2=11,20kW/15hp	1	1
79	641 94 07	(Ex)	Stator 21-15-4a 60 Hz 4-poles 380V Y P1=11KW 60 Hz 4-poles 380V Y P2=11,20kW/15hp 60 Hz 4-poles 380V Y P1=9,40KW 60 Hz 4-poles 380V Y P2=8,90kW/12hp	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version		
				095	185	
79	641 94 08	(Ex)	Stator 21-15-4a	50 Hz 4-poles 500V D P2=7,50kW 60 Hz 4-poles 575V-600V D P1=9,40KW 50 Hz 4-poles 500V D P1=7,90KW 60 Hz 4-poles 575V-600V D P2=8,90kW/12hp 50 Hz 4-poles 500V D P2=9kW 60 Hz 4-poles 575V-600V D P1=11KW 50 Hz 4-poles 500V D P1=9,30KW 60 Hz 4-poles 575V-600V D P2=11,20kW/15hp	1	1
79	641 94 09	(Ex)	Stator 21-15-4a	50 Hz 4-poles 660V Y 380V D P2=7,50kW 60 Hz 4-poles 440V D P1=9,40KW 50 Hz 4-poles 380V D 660V Y P1=7,90KW 60 Hz 4-poles 440V D P2=8,90kW/12hp 50 Hz 4-poles 660V Y 380V D P2=9kW 60 Hz 4-poles 440V D P1=11KW 50 Hz 4-poles 380V D 660V Y P1=9,40KW 60 Hz 4-poles 440V D P2=11,20kW/15hp	1	1
79	641 93 01	(Ex)	Stator 21-18-4a	50 Hz 4-poles 690V Y 400V D P2=13,50kW 60 Hz 4-poles 460V-480V D P1=14,40KW 50 Hz 4-poles 400V D 690V Y P1=12,60KW 60 Hz 4-poles 460V-480V D P2=14,90kW/20hp	1	1
79	641 93 02	(Ex)	Stator 21-18-4a	50 Hz 4-poles 400V Y 230V D P2=13,50kW 50 Hz 4-poles 230V D 400V Y P1= 12,60KW	1	1
79	641 93 03	(Ex)	Stator 21-18-4a	50 Hz 4-poles 415V-440V D P2=13,50kW 50 Hz 4-poles 415V-440V D P1=12,70KW	1	1
79	641 93 04	(Ex)	Stator 21-18-4a	60 Hz 4-poles 200V-208V D P1=14,30KW 60 Hz 4-poles 200V-208V D P2=14,90kW/20hp	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version		
				095	185	
79	641 93 05	(Ex)	Stator 21-18-4a	60 Hz 4-poles 230V Y// 460V YSER P1=14,30KW 60 Hz 4-poles 460V YSER 230V Y// P2=14,90kW/20hp	1	1
79	641 93 06	(Ex)	Stator 21-18-4a	60 Hz 4-poles 380V D 660V Y P1=13,90KW 60 Hz 4-poles 380V D 660V Y P2=14,90kW/20hp	1	1
79	641 93 07	(Ex)	Stator 21-18-4a	60 Hz 4-poles 220V D 380V Y P1=14,30KW 60 Hz 4-poles 380V Y P2=14,90kW/20hp	1	1
79	641 93 08	(Ex)	Stator 21-18-4a	50 Hz 4-poles 500V D P2=13,50kW 60 Hz 4-poles 575V-600V D P1=14,40KW 50 Hz 4-poles 500V D P1=12,70KW 60 Hz 4-poles 575V-600V D P2=14,90kW/20hp	1	1
79	641 93 09	(Ex)	Stator 21-18-4a	50 Hz 4-poles 660V Y 380V D P2=13,50kW 60 Hz 4-poles 440V D P1=14,30KW 50 Hz 4-poles 380V D 660V Y P1=12,70KW 60 Hz 4-poles 440V D P2=14,90kW/20hp	1	1
79	647 27 01	(Ex)	Stator 21-18-6a	50 Hz 6-poles 690V Y 400V D P2=9kW Stator 6-leads 3-phase 60 Hz 6-poles 460V D P1=12,80KW 50 Hz 6-poles 400V D 690V Y P1=10,50KW 60 Hz 6-poles 460V D P2=11,20kW/15hp	1	1
79	647 27 02	(Ex)	Stator 21-18-6a	50 Hz 6-poles 400V Y 230V D P2=9kW 50 Hz 6-poles 230V D 400V Y P1=10,50KW	1	1
79	647 27 03	(Ex)	Stator 21-18-6a	50 Hz 6-poles 415V-440V D P2=9kW 50 Hz 6-poles 415V-440V D P1=10,50KW	1	1
79	647 27 04	(Ex)	Stator 21-18-6a	60 Hz 6-poles 200V-208V D P1=12,70KW 60 Hz 6-poles 200V-208V D P2=11,20kW/15hp	1	1
79	647 27 05	(Ex)	Stator 21-18-6a	60 Hz 6-poles 230V Y// 460V YSER P1=12,70KW 60 Hz 6-poles 460V YSER 230V Y// P2=11,20kW/15hp	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
79	647 27 06	(Ex)	Stator 21-18-6a 60 Hz 6-poles 380V D P1=12,70KW 60 Hz 6-poles 380V D P2=11,20kW/15hp	1	1
79	647 27 07	(Ex)	Stator 21-18-6a 60 Hz 6-poles 220V D 380V Y P1=12KW 60 Hz 6-poles 380V Y P2=11,20kW/15hp	1	1
79	647 27 08	(Ex)	Stator 21-18-6a 50 Hz 6-poles 500V D P2=9kW 60 Hz 6-poles 575V-600V D P1=12,70KW 50 Hz 6-poles 500V D P1=10,50KW 60 Hz 6-poles 575V-600V D P2=11,20kW/15hp	1	1
79	647 27 09	(Ex)	Stator 21-18-6a 50 Hz 6-poles 660V Y 380V D P2=9kW 60 Hz 6-poles 440V D P1=12,70KW 50 Hz 6-poles 380V D 660V Y P1=10,50KW 60 Hz 6-poles 440V D P2=11,20kW/15hp	1	1
79	654 96 03		Stator 21-15-4a 50 Hz 4-poles 415V-440V D P2=7,50kW Thermistor 50 Hz 4-poles 415V-440V D P1=8,10KW Thermistor 50 Hz 4-poles 415V-440V D P2=9kW Thermistor 50 Hz 4-poles 415V-440V D P1=9,50KW Thermistor		1
79	654 95 03	(Ex)	Stator 21-18-4a 50 Hz 4-poles 415V-440V D P2=13,50kW Thermistor 50 Hz 4-poles 415V-440V D P1=12,70KW		1
79	659 48 03	(Ex)	Stator 21-18-6a 50 Hz 6-poles 415V-440V D P2=9kW Thermistor 50 Hz 6-poles 415V-440V D P1=10,50KW Thermistor		1
79	702 45 07	(Ex)	Stator 21-18-2f 50 Hz 2-poles 415V-440V D P2=11kW Thermistor		1
79	689 07 01	(Ex)	Stator 21-18-2b 50 Hz 2-poles 400V-440V D 690V Y P2=15kW Thermistor 50 Hz 2-poles 400V-440V D 690V Y P1=15,50KW Thermistor		1
82	608 12 00		Cooling jacket OUTER, STEEL Material:Steel	1	1
82	608 12 01		Cooling jacket OUTER, STAINLESS STEEL Material:stainless steel (ASTM 316L)	1	1
83	82 78 49		O-ring 221.84X3.53 NBR	1	1
83	82 71 70		O-ring 221.84X3.53 FPM	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
84	82 75 01		O-ring 279.3X5.7 NBR	1	1
84	82 75 22		O-ring 279.3X5.7 FPM	1	1
101	650 51 00		Cable unit FLS10	1	1
103	663 04 00	(Ex)	Level sensor FLS10	1	
103	791 99 00		Level sensor		1
105	642 10 01	(Ex)	Bearing holder	1	
105	642 10 00		Bearing holder		1
107	82 59 06		Retaining ring SGA 40	1	1
108	82 44 15		Supporting washer 40X50X2.5	1	1
109	83 30 18		Ball bearing 40X90X36.5 MM	1	1
110	83 07 62		Retaining ring JB 90	1	1
120	642 13 00		Plug	1	1
122	82 76 85		O-ring 17X3 NBR	1	1
122	82 79 15		O-ring 17X3 FPM	1	1
129	642 12 00		Seal housing cover	1	1
130	82 78 39		O-ring 230X3 NBR	1	1
131	82 75 01		O-ring 279.3X5.7 NBR	1	1
131	82 75 22		O-ring 279.3X5.7 FPM	1	1
133	83 04 56		Hex.socket hd screw M10X35-A4-80	6	6
141	819 50 30		Mechanical seal dbl.	1	1
			Material inner : Cemented carbide (WCCR) - Cemented carbide (WCCR) Material outer : Cemented carbide (WCCR) - Cemented carbide (WCCR)		
141	819 50 31		Mechanical seal dbl.	1	1
			Material inner : Cemented carbide (WCCR) - Cemented carbide (WCCR) Material outer : Silicone carbide (RSiC) - Silicone carbide (RSiC)		
145	83 04 53		Hex.socket hd screw M12X45-A4-80	4	4
153	681 28 00		Insert ring	1	1
158	698 73 00		Impeller	1	1
			LT 50Hz Curve code: 410		
158	698 73 10		Impeller	1	1
			LT 50Hz Curve code: 411		
158	698 73 22		Impeller	1	1
			LT 50Hz Curve code: 412		
158	698 73 33		Impeller	1	1
			LT 50Hz Curve code: 413		
			LT 60Hz Curve code: 413		
158	698 73 43		Impeller	1	1
			LT 50Hz Curve code: 414		
			LT 60Hz Curve code: 414		
158	698 73 57		Impeller	1	1
			LT 50Hz Curve code: 415		
			LT 60Hz Curve code: 415		
158	698 73 63		Impeller	1	1
			LT 60Hz Curve code: 416		
158	704 36 00		Impeller	1	1
			LT 50Hz Curve code: 620		
158	704 36 15		Impeller	1	1
			LT 50Hz Curve code: 621		

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
158	704 36 30		Impeller LT 50Hz Curve code: 622 LT 60Hz Curve code: 622	1	1
158	704 36 45		Impeller LT 50Hz Curve code: 623 LT 60Hz Curve code: 623	1	1
158	704 36 62		Impeller LT 50Hz Curve code: 624 LT 60Hz Curve code: 624	1	1
158	704 36 81		Impeller LT 50Hz Curve code: 625 LT 60Hz Curve code: 625	1	1
158	698 72 00		Impeller MT 50Hz Curve code: 430	1	1
158	698 72 08		Impeller MT 50Hz Curve code: 431	1	1
158	698 72 20		Impeller MT 50Hz Curve code: 432	1	1
158	698 72 35		Impeller MT 50Hz Curve code: 433 MT 60Hz Curve code: 433	1	1
158	698 72 42		Impeller MT 50Hz Curve code: 434 MT 60Hz Curve code: 434	1	1
158	698 72 52		Impeller MT 50Hz Curve code: 435 MT 60Hz Curve code: 435	1	1
158	698 72 65		Impeller MT 50Hz Curve code: 436 MT 60Hz Curve code: 436	1	1
158	698 72 75		Impeller MT 60Hz Curve code: 437	1	1
158	698 71 00		Impeller HT 50Hz Curve code: 450	1	1
158	698 71 14		Impeller HT 50Hz Curve code: 451	1	1
158	698 71 28		Impeller HT 50Hz Curve code: 453	1	1
158	698 71 39		Impeller HT 50Hz Curve code: 454	1	1
158	698 71 50		Impeller HT 50Hz Curve code: 455	1	1
158	698 71 60		Impeller HT 50Hz Curve code: 456	1	1
158	703 20 00		Impeller HT 60Hz Curve code: 461	1	1
158	703 20 09		Impeller HT 60Hz Curve code: 462	1	1
158	703 20 22		Impeller HT 60Hz Curve code: 463	1	1
158	703 20 32		Impeller HT 60Hz Curve code: 464	1	1
158	703 20 46		Impeller HT 60Hz Curve code: 465	1	1
158	703 20 55		Impeller HT 60Hz Curve code: 466	1	1
158	699 26 01		Impeller SH 50Hz Curve code: 270	1	1
158	699 26 10		Impeller SH 50Hz Curve code: 271	1	1
158	699 26 18		Impeller SH 50Hz Curve code: 272	1	1
158	699 26 27		Impeller SH 50Hz Curve code: 273 SH 60Hz Curve code: 273	1	1
158	699 26 39		Impeller SH 50Hz Curve code: 274 SH 60Hz Curve code: 274	1	1
158	699 26 48		Impeller SH 50Hz Curve code: 275 SH 60Hz Curve code: 275	1	1
158	699 26 57		Impeller SH 50Hz Curve code: 276 SH 60Hz Curve code: 276	1	1
162	82 38 00		Plain washer 13X24X4-A4-170HV	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
163	82 69 40		Protective plug	4	4
169	83 04 55		Hex.socket hd screw M12X110-A4-80	1	1
			LT		
			MT		
			HT		
169	83 04 66		Hex.socket hd screw M12X80-A4-80	1	1
			SH		
186	702 89 00		Insert ring	1	1
			LT DN 200		
186	704 67 00		Insert ring	1	1
			LT DN 250		
186	702 29 00		Insert ring	1	1
			MT DN 150		
186	702 83 00		Insert ring	1	1
			HT DN 100		
186	702 86 00		Insert ring	1	1
			SH DN 80		
186	702 86 01		Insert ring	1	1
			SH Guide pin DN 80		
193	83 04 56		Hex.socket hd screw M10X35-A4-80	3	3
193	82 00 60		Hex.socket hd screw M10X70-A2-70	3	3
200	702 87 00		Pump housing	1	1
			LT DN 200		
200	702 87 06		Pump housing	1	1
			LT DN 200 Drilled acc. to: EN 1092-2 tab. 8 ANSI B16.1-89; tab.5		
200	702 87 07		Pump housing	1	1
			LT DN 200 Drilled acc. to: EN 1092-2 tab. 9		
200	702 87 36		Pump housing	1	1
			LT DN 200 Drilled acc. to: ANSI B16.1-89; tab.5 EN 1092-2 tab. 8 Installation: Z Drainage plug		
200	702 87 37		Pump housing	1	1
			LT DN 200 Drilled acc. to: EN 1092-2 tab. 9 Installation: Z Drainage plug		
200	704 65 00		Pump housing	1	1
			LT DN 250		
200	704 65 01		Pump housing	1	1
			LT DN 250 Drilled acc. to: EN 1092-2 tab. 8		
200	704 65 05		Pump housing	1	1
			LT DN 250 Drilled acc. to: ANSI B16.1-89; tab.5		
200	704 65 07		Pump housing	1	1
			LT DN 250 Drilled acc. to: EN 1092-2 tab. 9		
200	704 65 31		Pump housing	1	1
			LT DN 250 Drilled acc. to: EN 1092-2 tab. 8 Installation: Z Drainage plug		
200	704 65 35		Pump housing	1	1
			LT DN 250 Drilled acc. to: ANSI B16.1-89; tab.5 Installation: Z Drainage plug		
200	704 65 37		Pump housing	1	1
			LT DN 250 Drilled acc. to: EN 1092-2 tab. 9 Installation: Z Drainage plug		
200	702 27 00		Pump housing	1	1
			MT DN 150		
200	702 27 06		Pump housing	1	1
			MT DN 150 Drilled acc. to: EN 1092-2 tab. 9 ANSI B16.1-89; tab.5		

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
200	702 27 36		Pump housing MT DN 150 Drilled acc. to: ANSI B16.1-89; tab.5 EN 1092-2 tab. 9 Installation: Z Drainage plug	1	1
200	702 81 00		Pump housing HT DN 100	1	1
200	702 81 01		Pump housing HT DN 100 Drilled acc. to: EN 1092-2 tab. 9	1	1
200	702 81 05		Pump housing HT DN 100 Drilled acc. to: ANSI B16.1-89; tab.5	1	1
200	702 81 31		Pump housing HT DN 100 Drilled acc. to: EN 1092-2 tab. 9 Installation: Z Drainage plug	1	1
200	702 81 35		Pump housing HT DN 100 Drilled acc. to: ANSI B16.1-89; tab.5 Installation: Z Drainage plug	1	1
200	702 84 00		Pump housing SH DN 80	1	1
200	702 84 06		Pump housing SH DN 80 Drilled acc. to: EN 1092-2 tab. 9 ANSI B16.1-89; tab.5	1	1
200	702 84 10		Pump housing SH DN 80	1	1
200	702 84 20		Pump housing SH DN 100	1	1
200	702 84 36		Pump housing SH Drilled acc. to: ANSI B16.1-89; tab.5 EN 1092-2 tab. 9 Installation: Z Drainage plug	1	1
209	651 07 01		Sliding bracket	1	1
210	83 04 53		Hex.socket hd screw M12X45-A4-80	4	4
211	479 26 00		Discharge connection DN300 LT Outlet DN 250	1	1
211	379 32 00		Discharge connection 8" LT Outlet DN 200	1	1
211	281 79 00		Discharge connection 8" LT Outlet DN 200	1	1
211	295 57 00		Discharge connection DN150 MT Outlet DN 150	1	1
211	309 31 00		Discharge connection DN150 MT Thread: 6-8 NPSM Outer Outlet DN 150	1	1
211	309 31 01		Discharge connection DN150 MT Thread: ISO G6 Outer Quick coupling: Storz diam=160 mm Outlet DN 150	1	1
211	259 84 06		Discharge connection ISO G4" HT Thread: ISO G4 Outer Quick coupling: Storz diam=115 mm Outlet DN 100 HT Thread: ISO G4A Outer Outlet DN 100 HT Thread: ISO G4 Outer Quick coupling: Storz diam=133 mm Outlet DN 100	1	1
211	259 82 04		Discharge connection DN100 HT Outlet DN 100	1	1
211	259 84 05		Discharge connection 4-8 NPSM HT Thread: 4-8 NPSM Outer Outlet DN 100	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
211	310 03 01		Discharge connection DN80 SH Outlet DN 75	1	1
211	385 52 03		Discharge connection 3-8 NPSM SH Thread: 3-8 NPSM Outer Outlet DN 75	1	1
211	385 52 04		Discharge connection ISO G3" SH Thread: ISO G3 Outer Outlet DN 75	1	1
212	84 34 34		Hexagon head screw M20X80-A2-70 LT	4	4
212	84 34 34		Hexagon head screw M20X80-A2-70 LT	12	12
212	84 34 34		Hexagon head screw M20X80-A2-70 LT	8	8
212	84 34 32		Hexagon head screw M20X70-A2-70 MT	8	8
212	84 34 07		Hexagon head screw M16X60-A2-70 HT	4	4
212	81 49 36		Hexagon head screw M16X65-A4-70 SH	4	4
213	82 35 26		Plain washer 21X37X3-A2-170HV MT	8	8
213	82 35 23		Plain washer 17X30X3-A2-170HV SH	4	4
213	82 35 23		Plain washer 17X30X3-A2-170HV HT	8	4
215	82 23 62		Hexagon nut M20-A2-70 LT	4	4
215	82 23 62		Hexagon nut M20-A2-70 MT	12	12
215	82 23 62		Hexagon nut M20-A2-70 LT	8	8
215	82 23 61		Hexagon nut M16-A2-70 SH	4	4
216	384 45 00		Gasket 8" LT	1	1
216	283 19 00		Gasket 8" LT	1	1
216	295 64 00		Gasket 6" MT	1	1
216	259 83 00		Gasket 4" HT	1	1
216	310 05 00		Gasket 3" SH	1	1
217	380 92 02		Stand compl. LT	1	1
217	380 92 01		Stand compl. LT	1	1
217	396 11 00		Stand compl. SH	1	1
217	608 23 02		Stand Optional	1	1
218	84 34 32		Hexagon head screw M20X70-A2-70 LT	4	4
218	84 34 05		Hexagon head screw M16X50-A2-70 LT	4	4

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
218	84 34 03		Hexagon head screw SH M16X40-A2-70 MT HT	4	4
219	82 35 26		Plain washer 21X37X3-A2-170HV LT	8	8
219	82 35 26		Plain washer 21X37X3-A2-170HV LT	16	16
219	82 35 23		Plain washer 17X30X3-A2-170HV LT	4	4
219	82 37 85		Plain washer 18X56X5-A4-140HV SH MT HT	4	4
227	83 19 36		Coupling part Quick coupling: Storz diam=160 mm	1	1
227	83 19 33		Coupling part Quick coupling: Storz diam=115 mm	1	1
227	83 19 34		Coupling part STORTZ ISO G4 Quick coupling: Storz diam=133 mm	1	1
229	667 40 01		Sticker	2	2
231	93 00 77		Shrink hose ID=6.4 MM	*	*
231	93 00 78		Shrink hose ID=9.5 MM	*	*
232	83 53 58		Terminal clamp WDU6/10	3	3
232	83 53 58		Terminal clamp WDU6/10		4
233	83 53 61		Terminal clamp WDU16.1000V	6	6
233	83 53 17		Terminal clamp WDU35/IK/ZA	6	6
233	83 53 61		Terminal clamp WDU16.1000V	8	8
234	83 53 67		Cross connection WQV 16N/2	3	3
234	650 20 02		Cross connection WQV 16N/10	1	1
234	83 53 49		Cross connection WQV 35N /2	3	3
234	650 20 03		Cross connection WQV 35N/10	1	1
234	83 53 67		Cross connection WQV 16N/2	4	4
235	83 53 54		End support WEW 35/2	2	2
236	83 53 50		Partition	1	1
239	734 59 00		El.lead through unit 12X + 6X Stator leads: 2,50 - 4 mm2 Stator leads: 1,50 - 4 mm2	1	1
239	792 06 00		El-lead through 6X + 2X Stator leads: 2,50 - 6 mm2	1	1
240	607 48 00	(Ex)	Spring	1	1
241	82 78 35		O-ring 175X3 NBR	1	1
241	82 71 33		O-ring 175X3 FPM	1	1
242	642 11 01	(Ex)	Adapter	1	
242	608 22 11	(Ex)	Adapter Cooling jacket	1	
242	642 11 00		Adapter		1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
242	608 22 10		Adapter FOR COOLING JACKET Cooling jacket		1
243	83 02 97		Hex.socket hd screw M8X16-A4-70	2	2
245	82 75 01		O-ring 279.3X5.7 NBR	1	1
245	82 75 22		O-ring 279.3X5.7 FPM	1	1
246	82 78 39		O-ring 230X3 NBR	1	1
247	82 95 69		O-ring 84.4X4 FPM	1	1
248	608 27 00		Strip	1	1
249	82 32 50		Clip	1	1
251	642 13 00		Plug	2	2
252	82 76 85		O-ring 17X3 NBR	2	2
252	82 79 15		O-ring 17X3 FPM	2	2
253	608 13 02		Cooling jacket	1	1
254	608 14 02		Flow diffuser	1	1
256	608 42 00		Wire bow	3	3
258	720 14 00		Sleeve unit	1	1
264	82 40 81		Plain washer 32.5X52X2-A2-70	4	4
264	82 40 82		Plain washer 34.5X52X2-A2-70	4	4
264	82 40 69		Plain washer 35.5X52X2-A2-70	4	4
265	84 18 00		Seal sleeve (14)-17 MM NBR	2	2
265	84 18 02		Seal sleeve (20)-23 MM NBR	2	2
265	84 18 03		Seal sleeve (23)-26 MM NBR	2	2
265	84 18 04		Seal sleeve (26)-29 MM NBR	2	2
265	84 18 06		Seal sleeve (32)-35 MM NBR	2	2
265	84 18 01		Seal sleeve (17)-20 MM NBR	2	2
265	84 18 05		Seal sleeve (29)-32 MM NBR	2	2
266	597 98 02	(Ex)	Sleeve	1	1
267	725 06 00		Plug	3	
269	518 89 04	(Ex)	Leakage detect.unit	1	1
270	608 31 00	(Ex)	Lock washer	1	
271	703 22 00		Lip	1	1
273	83 04 56		Hex.socket hd screw M10X35-A4-80	1	1
275	679 01 01		Counter weight	1	1
276	82 01 07		Hex.socket hd screw M16X50-A2-70	4	4
277	82 23 33		Hexagon nut M10-A4-70	1	1
313	82 71 72		O-ring 71.2X3 FPM	1	1
327	83 97 97		Temperature sensor	1	1
328	665 86 00		Temperature sensor PT100, 2-LEADS 1500MM	1	1
329	718 81 00		Special washer	1	1

Pos. No	Part. No	Type	Denomination	Qty/Version	
				095	185
331	94 05 81		Insulating hose D=5 MM	*	*
332	665 86 00		Temperature sensor PT100, 2-LEADS 1500MM	1	1
335	83 53 77		Terminal clamp WPE 2.5 WS	1	1
336	83 42 36		End sleeve 0.75 MM2; L=6 MM	2	2
337	94 03 34		Shrink hose ID=6.4 MM	*	*
338	82 40 61		Plain washer 24.5X35X2- A2-70	1	1
339	84 17 90		Seal sleeve (10)-12 MM FPM	1	1
339	84 17 92		Seal sleeve (14)-16 MM NBR	1	1
340	678 58 12	(Ex)	Cable clip 10-(12) MM	1	1
340	678 58 16	(Ex)	Cable clip 14-(16) MM	1	1
341	633 11 01		Gland screw ISO G1 1/4"	1	1
341	633 11 04		Gland screw 1 1/2" NPT	1	1
345	94 05 81		Insulating hose D=5 MM	*	*
350	823 05 00		Pump monitoring	1	1
351	82 62 75		Transformer	1	1
352	83 45 59		Cable tie 200X2.4 PA 6/6 -55+105	1	1
353	83 45 59		Cable tie 200X2.4 PA 6/6 -55+105	1	1
354	83 43 60		Cable lug UL/CSA 0.50-1.65 MM2 M4	1	1
355	718 81 00		Special washer	1	1
800	84 15 47		O-ring kit NBR	1	1
800	84 15 48		O-ring kit FPM	1	1
900	657 17 08		Basic repair kit NBR WCCR/ WCCR	1	1
900	657 17 09		Basic repair kit FPM WCCR/ WCCR	1	1
900	657 17 10		Basic repair kit NBR WCCR/ RSIC	1	1
900	657 17 11		Basic repair kit FPM WCCR/ RSIC	1	1
901	90 20 76		Monopropylene glycol	*	*
912	82 76 85		O-ring 17X3 NBR	3	3
912	82 79 15		O-ring 17X3 FPM	3	3

Xylem |'zīləm|

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- 2) a leading global water technology company.

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