

## SP3A- 9NE 0.75kW 3x380-415V 50Hz Grundfos pump 10221909




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<https://www.lenntech.com/grundfos/SPNE03/10221909/SP-3A-9NE.html>

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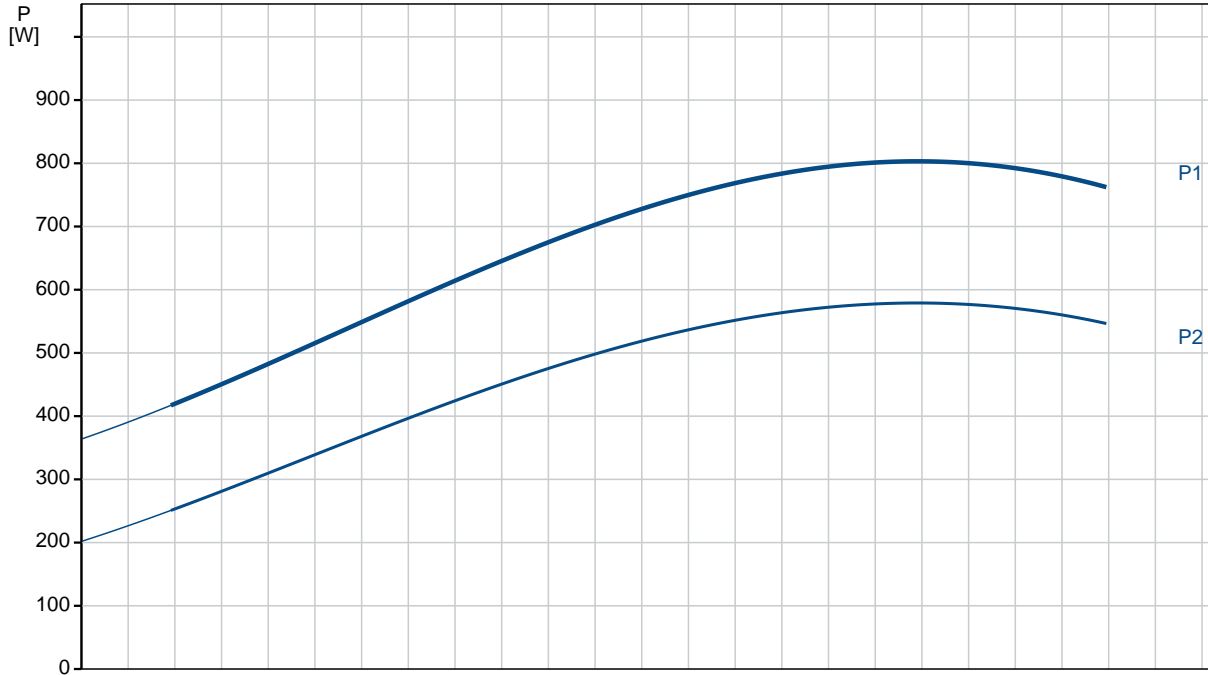
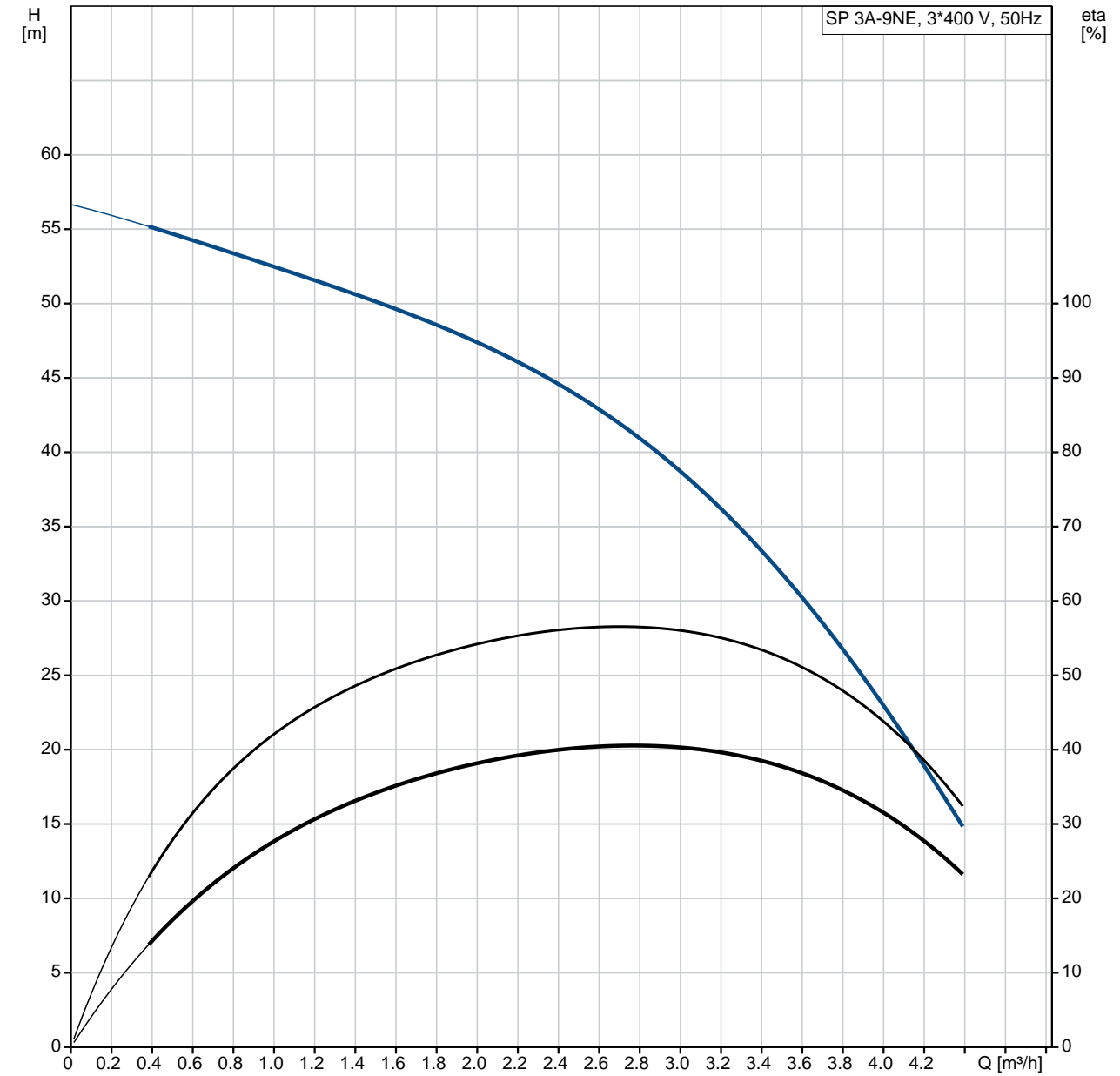
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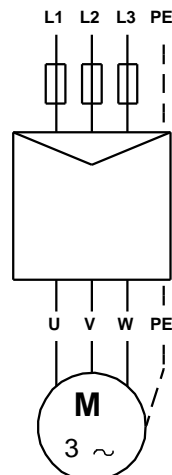
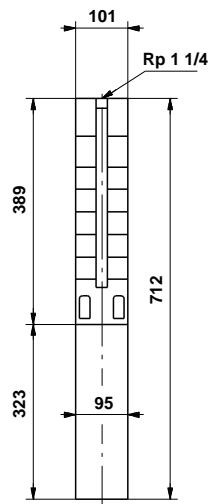
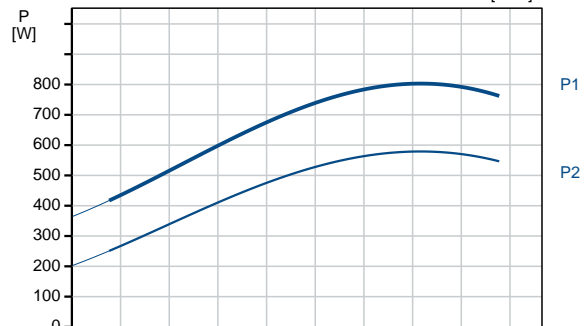
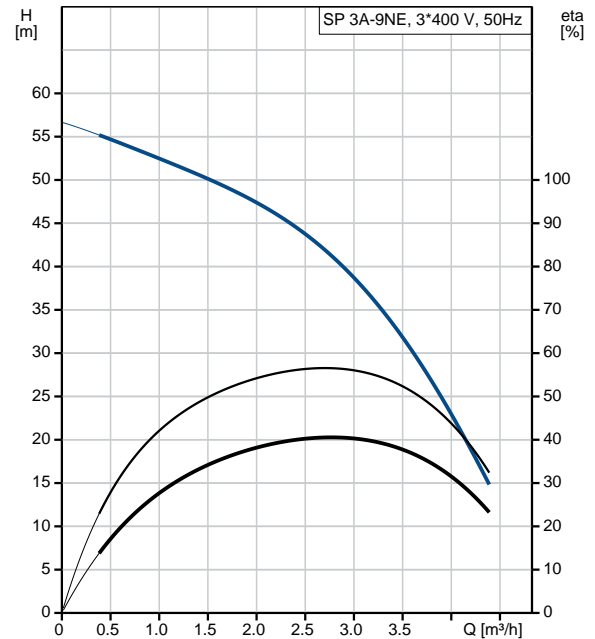
Position	Qty.	Description
	1	<p data-bbox="320 159 448 188"><b>SP 3A-9NE</b></p> <div data-bbox="485 219 528 600" style="text-align: center;">  </div> <p data-bbox="711 591 1193 613" style="text-align: center;"><b>Note! Product picture may differ from actual product</b></p> <p data-bbox="320 622 1289 707">Product No.: On request Multi-stage submersible pump designed for pumping of chemically polluted groundwater. The pump is made entirely of Stainless steel DIN W.-Nr. DIN W.-Nr. 1.4401.</p> <p data-bbox="320 741 1417 792">The motor is a 3-phase motor with sand shield, mechanical shaft seal, liquid-lubricated bearings and pressure equalizing diaphragm.</p> <p data-bbox="320 831 1433 853">Pumpset delivered without motor cable. Motor cable to be ordered separately – EPR, Teflon or XLPE.</p> <p data-bbox="320 891 815 1032"><b>Liquid:</b> Pumped liquid: Water Max liquid t at 0.15 m/sec: 40 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="320 1070 879 1211"><b>Technical:</b> Rated flow: 3 m<sup>3</sup>/h Rated head: 42 m Shaft seal for motor: SIC/SIC Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="320 1249 887 1536"><b>Materials:</b> Pump: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Impeller: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Motor: Stainless steel DIN W.-Nr. 1.4539 AISI 904 L</p> <p data-bbox="320 1574 778 1659"><b>Installation:</b> Pump outlet: Rp 1 1/4 Motor diameter: 4 inch</p> <p data-bbox="320 1697 916 2040"><b>Electrical data:</b> Motor type: MS4000 Rated power - P2: 0.75 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 1.92-1.84-1.84 A Cos phi - power factor: 0.86-0.84-0.82 Rated speed: 2850-2870-2880 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Built-in temp. transmitter: yes</p> <p data-bbox="320 2078 408 2101"><b>Others:</b></p>

Position	Qty.	Description
		Minimum efficiency index, MEI : 0.70 Net weight: 15.2 kg Danish VVS No.: 388314090

# On request SP 3A-9NE 50 Hz

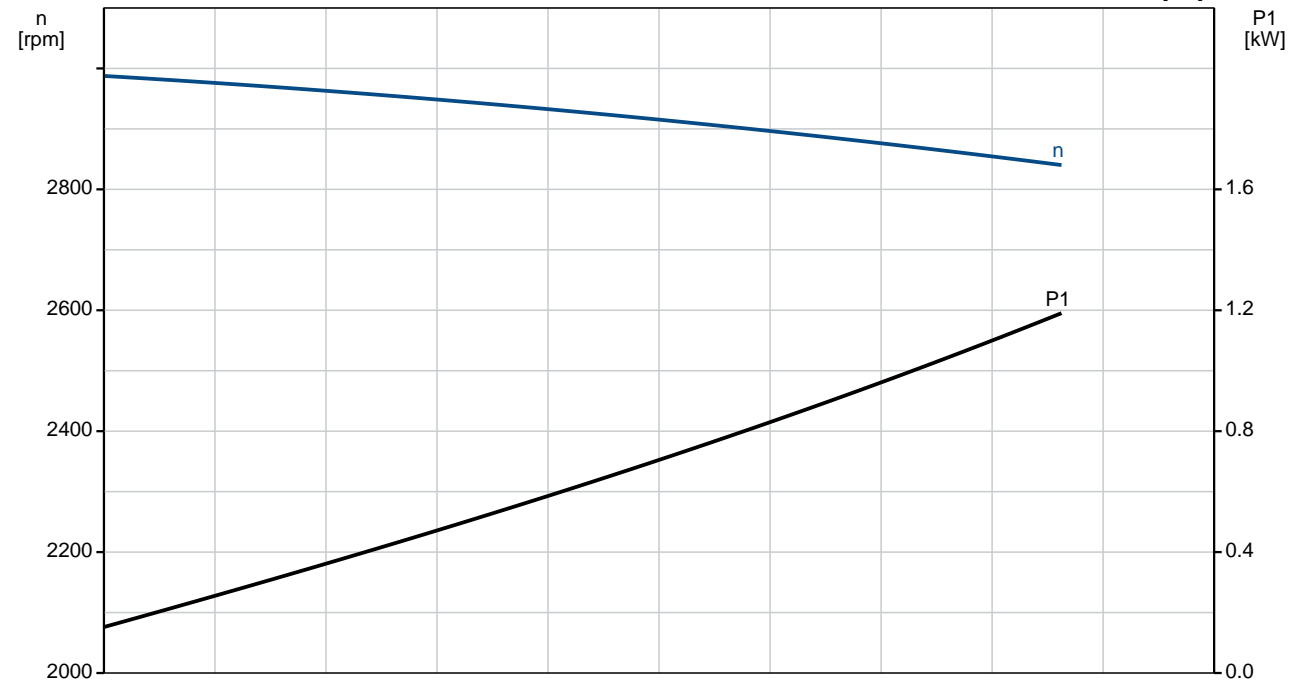
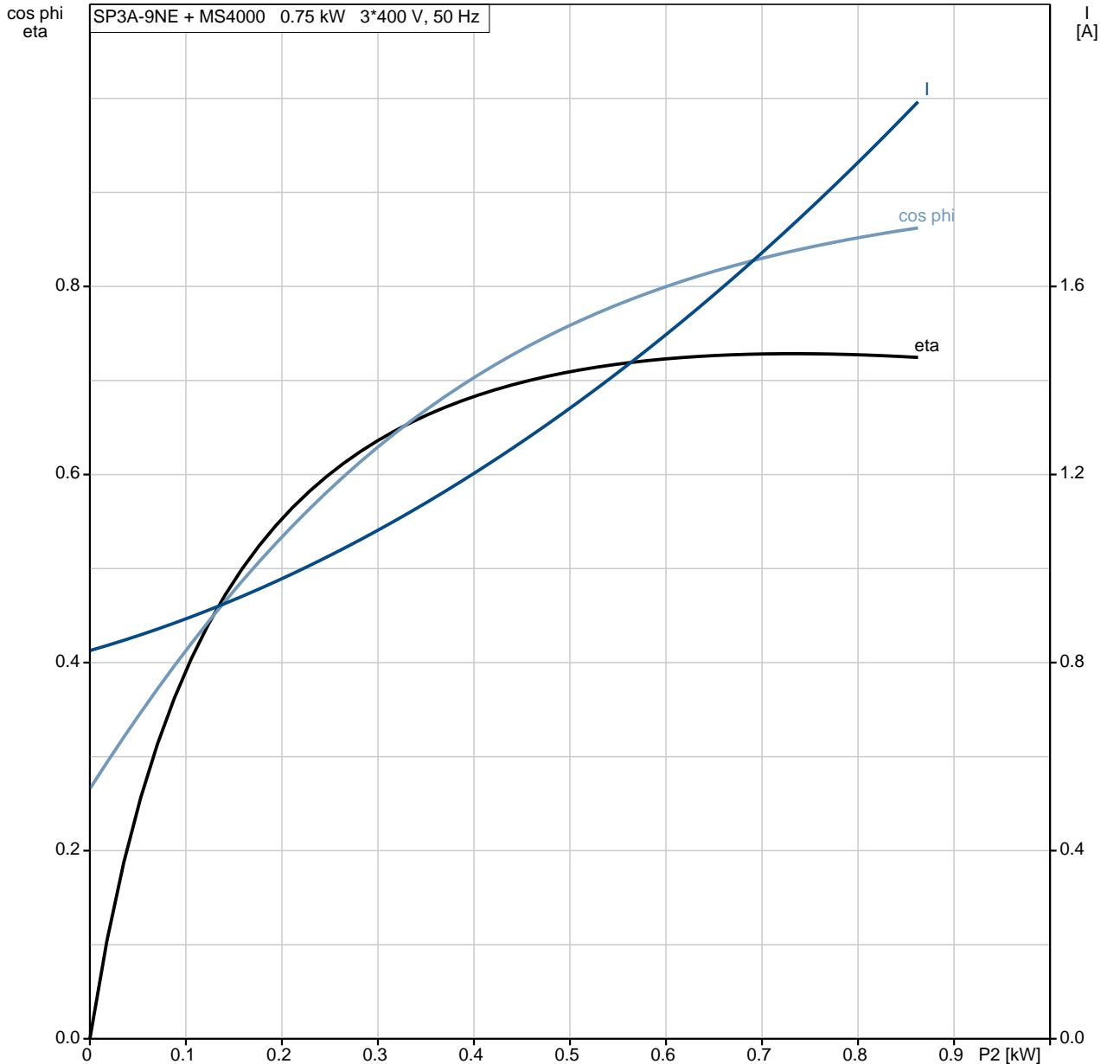


Description	Value
<b>General information:</b>	
Product name:	SP 3A-9NE
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Rated flow:	3 m <sup>3</sup> /h
Rated head:	42 m
Stages:	9
Shaft seal for motor:	SIC/SIC
Curve tolerance:	ISO9906:2012 3B
Pump No:	10220009
Model:	A
Valve:	no non-return valve
<b>Materials:</b>	
Pump:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Impeller:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Motor:	Stainless steel DIN W.-Nr. 1.4539 AISI 904 L
<b>Installation:</b>	
Pump outlet:	Rp 1 1/4
Motor diameter:	4 inch
<b>Liquid:</b>	
Pumped liquid:	Water
Max liquid t at 0.15 m/sec:	40 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	MS4000
Rated power - P2:	0.75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-400-415 V
Rated current:	1.92-1.84-1.84 A
Cos phi - power factor:	0.86-0.84-0.82
Rated speed:	2850-2870-2880 rpm
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protec:	NONE
Thermal protec:	external
Built-in temp. transmitter:	yes
Motor No:	79195404
<b>Others:</b>	
Minimum efficiency index, MEI :	0.70
Net weight:	15.2 kg
Danish VVS No.:	388314090

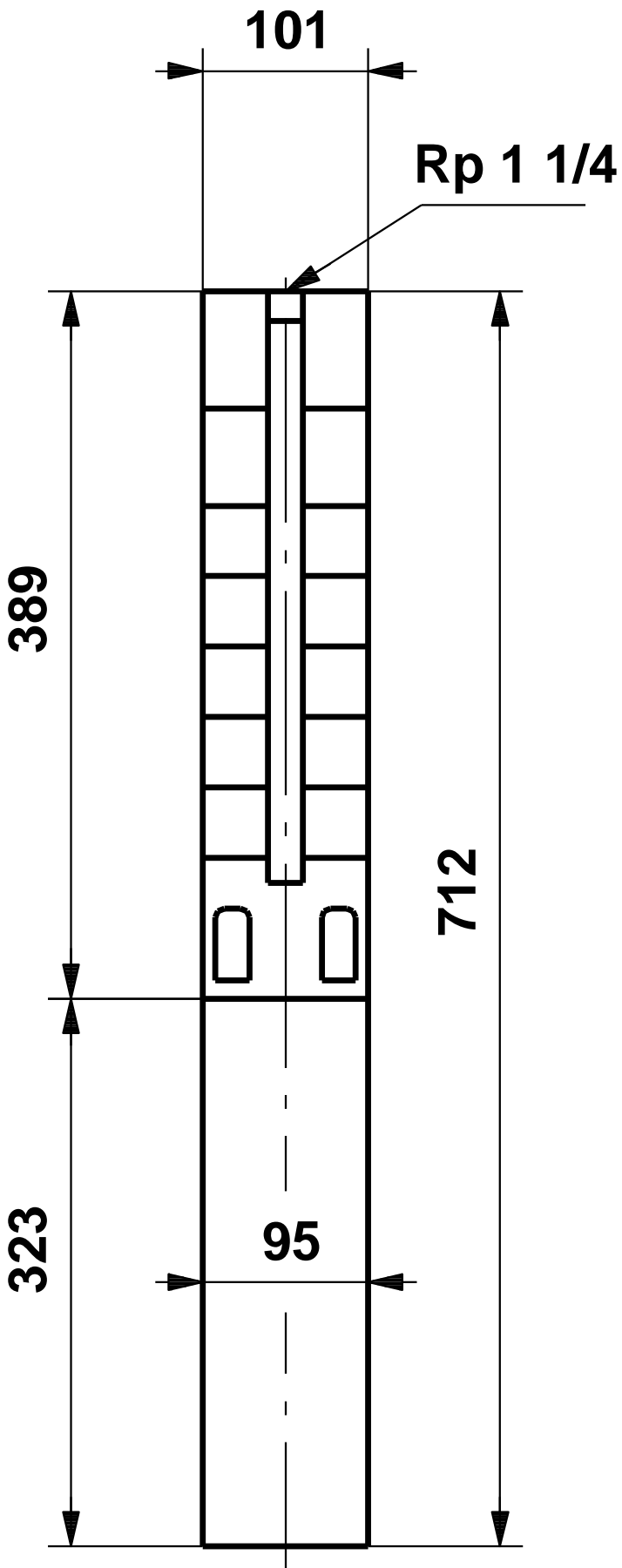


# On request SP 3A-9NE 50 Hz

SP3A-9NE + MS4000 0.75 kW 3\*400 V, 50 Hz

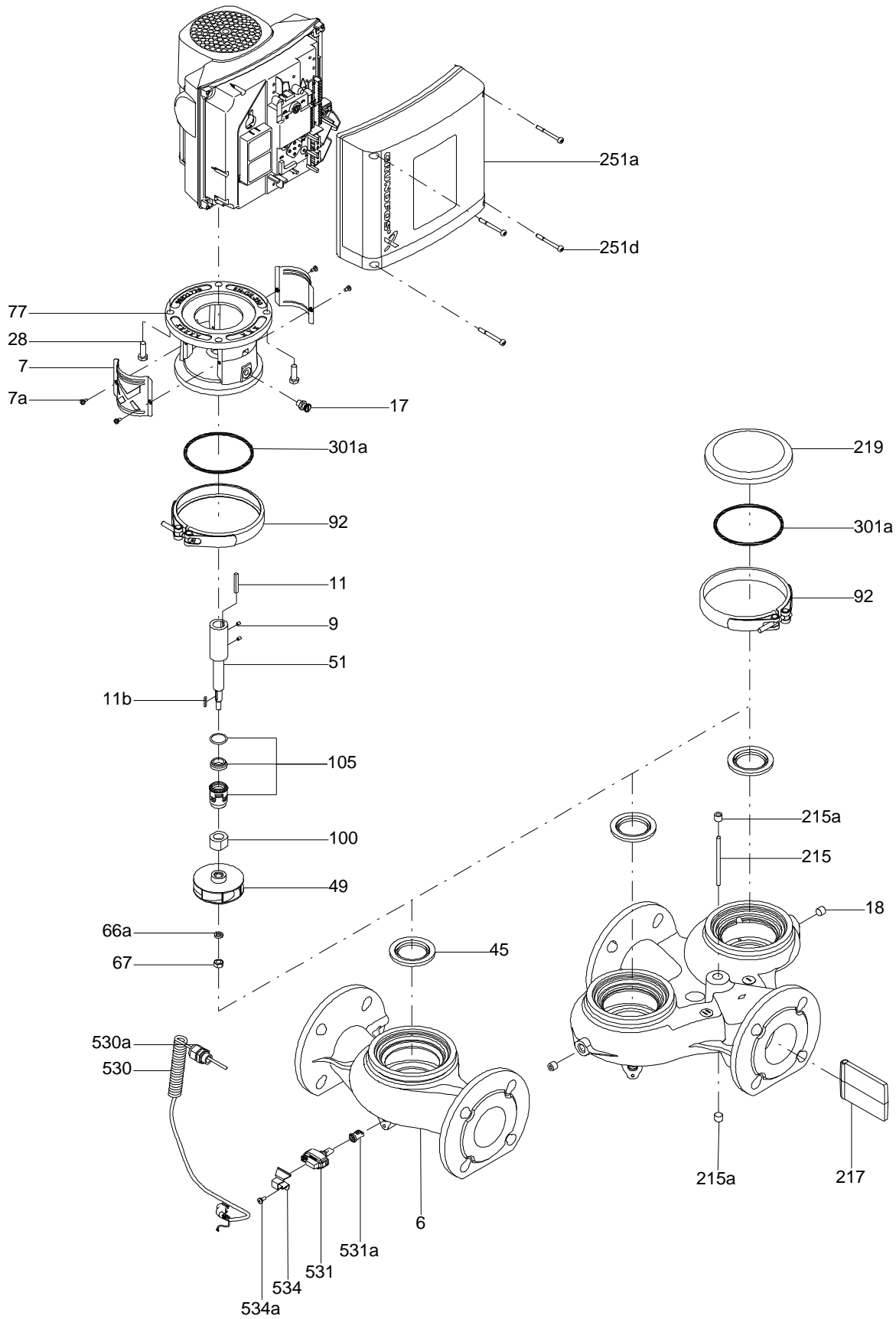


On request SP 3A-9NE 50 Hz



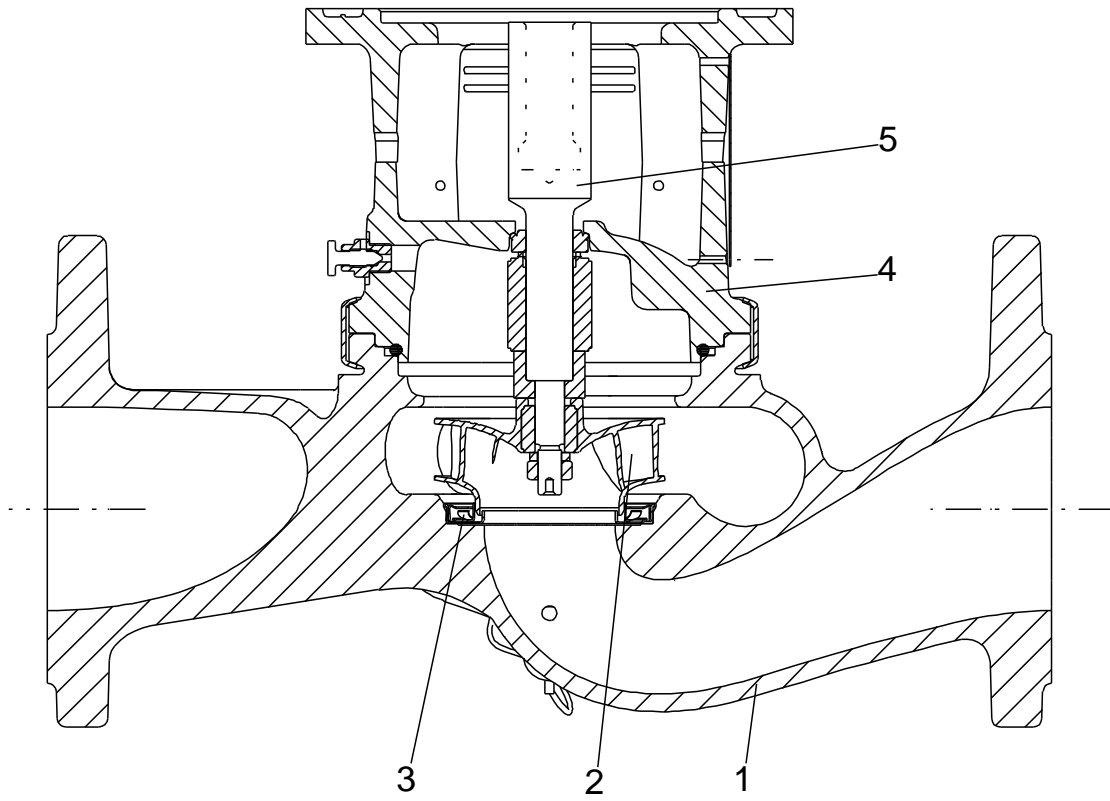
Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

Exploded view



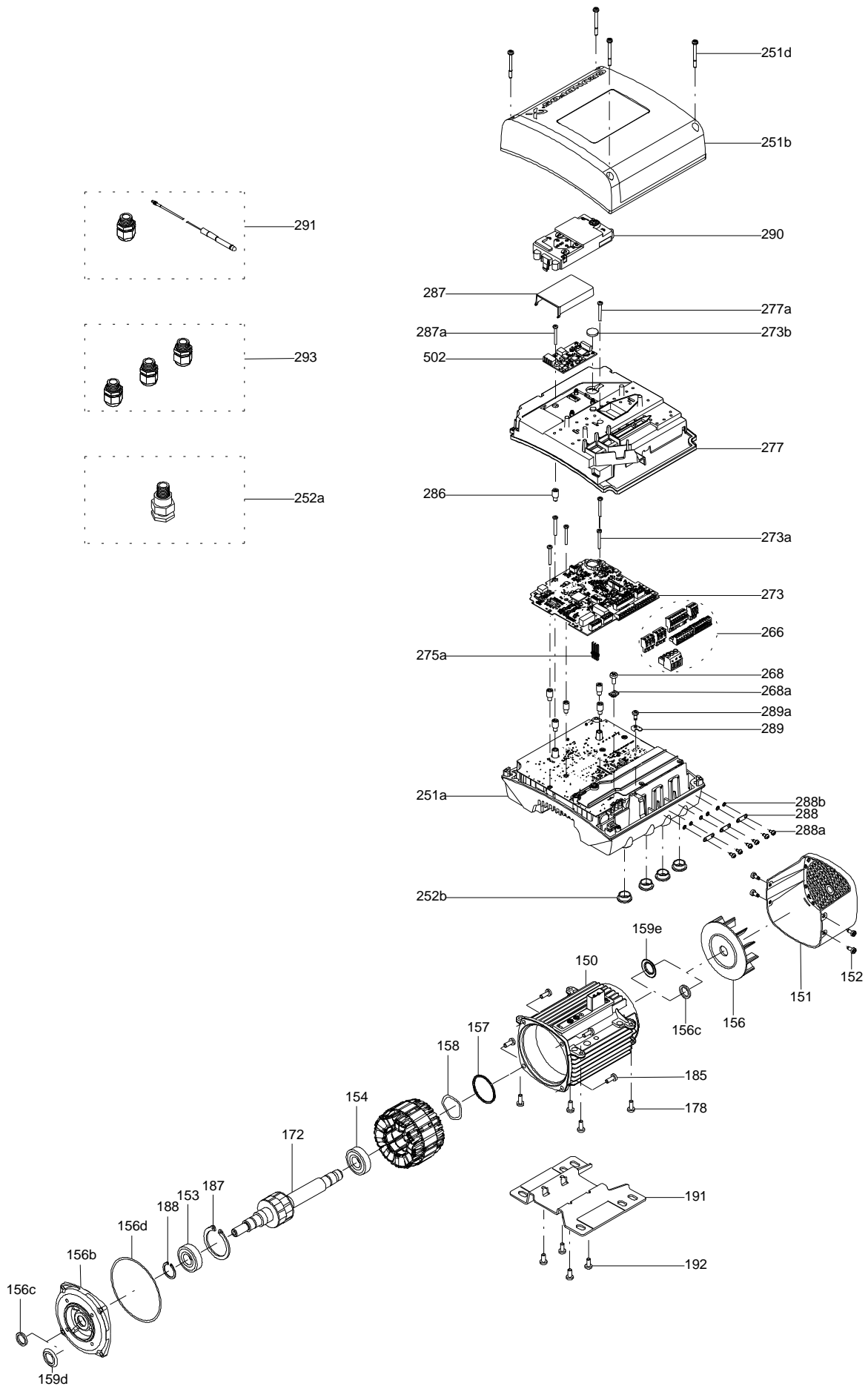


Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view ( TM057026 for MGE model H/I )



**Parts list SP 3A-9NE, Product No. On request**  
**Valid from 18.4.1995 (9516)**

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
-	Pump w/o motor				1	pcs
	Stop ring				1	
	Retainer				1	
- 1	Valve casing cpl.				1	
	Valve casing				1	
6	Bearing				1	
- 9	Intermediate chamber cpl.				9	
	Chamber				1	
7	Seal ring				1	
- 10	Chamber cpl.				1	
7	Seal ring				1	
- 13a	Impeller cpl.				9	
	Impeller				1	
- 11	Split cone nut				1	
	Split cone nut					
11a	O-ring					
12	Split cone				1	
14	Suction interconnector				1	
15	Strainer				1	
16	Shaft cpl.		Length (mm): 297		1	
17	Strap cpl.		Length (mm): 317		4	
			Thread: M8			
18	Cable guard cpl.				1	
18d	Hex nut				2	
19	Nut				4	
78	Nameplate				1	
-	Motor				1	pcs
1	Stator w/housing				1	
2	Shaft w/rotor				1	
3	Thrust ring support cpl.				1	
4	Radial bearing				1	
5	Bearing pipe				1	
6	Thrust bearing				1	
7	Lock ring				1	
10	Bearing retainer				1	
11	Adjusting screw				1	
12	Diaphragm				1	
13	End shield				1	
15	Nut				1	
16	Lock washer				1	
18	Nut		Thread: M8 DIN 934		1	
21	Nut		Thread: M8 DIN 934		4	
22	Staybolt		Thread: M8 X M8		3	
22a	Staybolt		Thread: M8 X M8 R		1	
22b	Cheese head screw				1	
22c	O-ring		Diameter: 4		1	
			Material type: FKM			
			Thickness: 1			
24	O-ring		Diameter: 40		1	
			Material type: FKM			
			Thickness: 2			
25	Shaft seal housing				1	
27	Spline protector				1	
28	Supporting ring				1	
29	Sand shield				1	
30	Compression spring				1	
31	Supporting ring				1	
32	Shaft seal cpl.				1	
- 34	Shaft seal cpl.				1	

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
	Seal ring				1	
	Seal ring, rotating				1	
33	O-ring		Diameter: 16		1	
			Material type: VITON			
			Thickness: 2.5			

*Disclaimer: The information about the Grundfos pump in this document may be outdated.*

*Data may be subject to alterations without further notice.*

*Please contact us to verify the data above is still accurate/up-to-date.*

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