

SQF 5A-7NRp 1 1/2 cpl. Grundfos pump 95027343



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<https://www.lenntech.com/grundfos/SQFFAM/95027343/SQF-5A-7-N.html>

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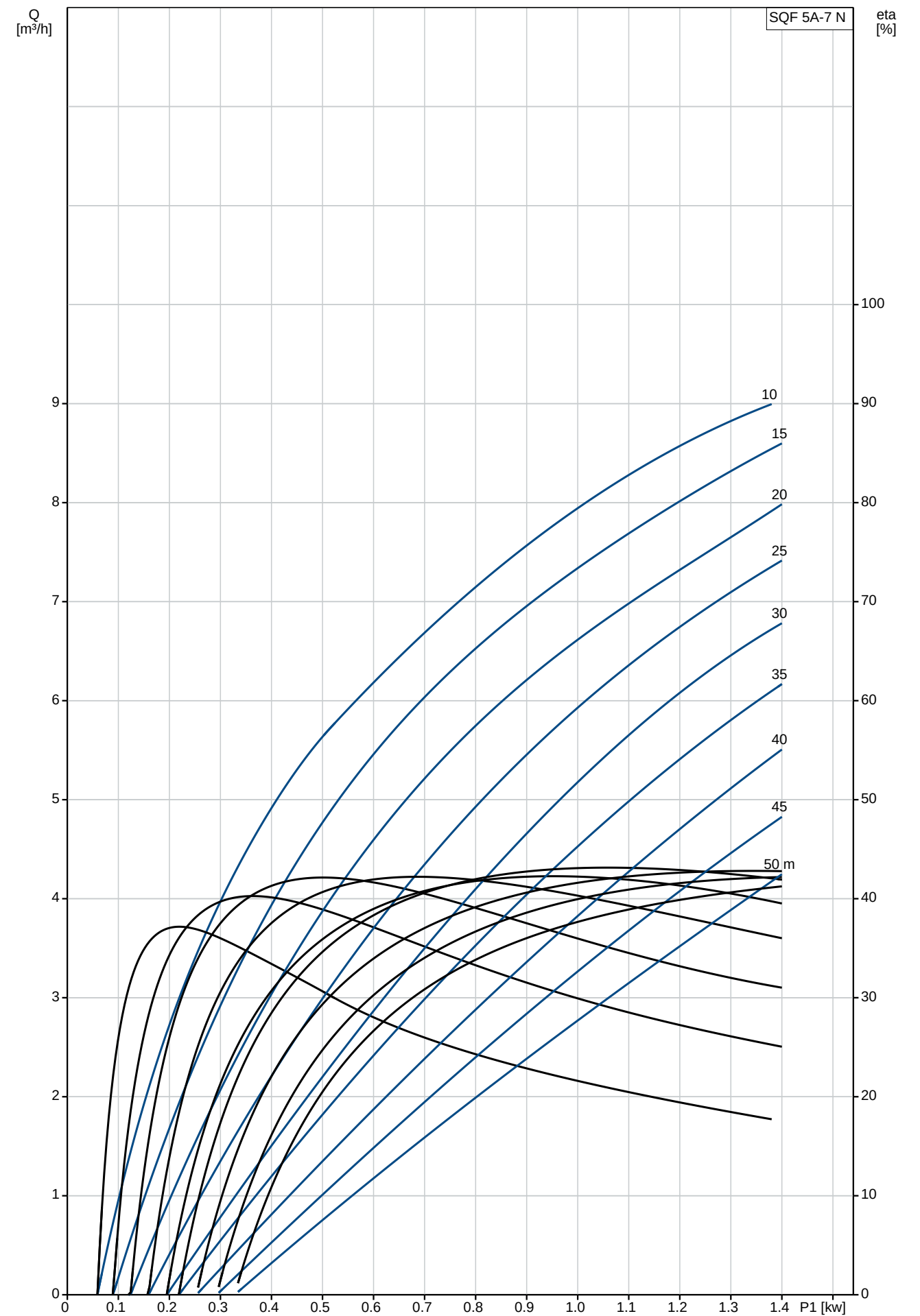
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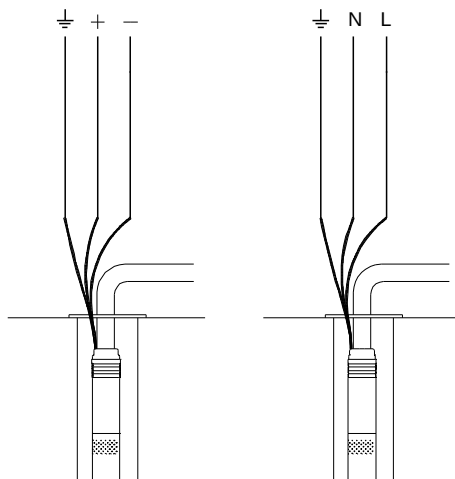
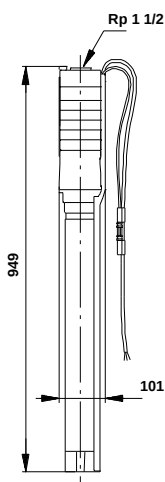
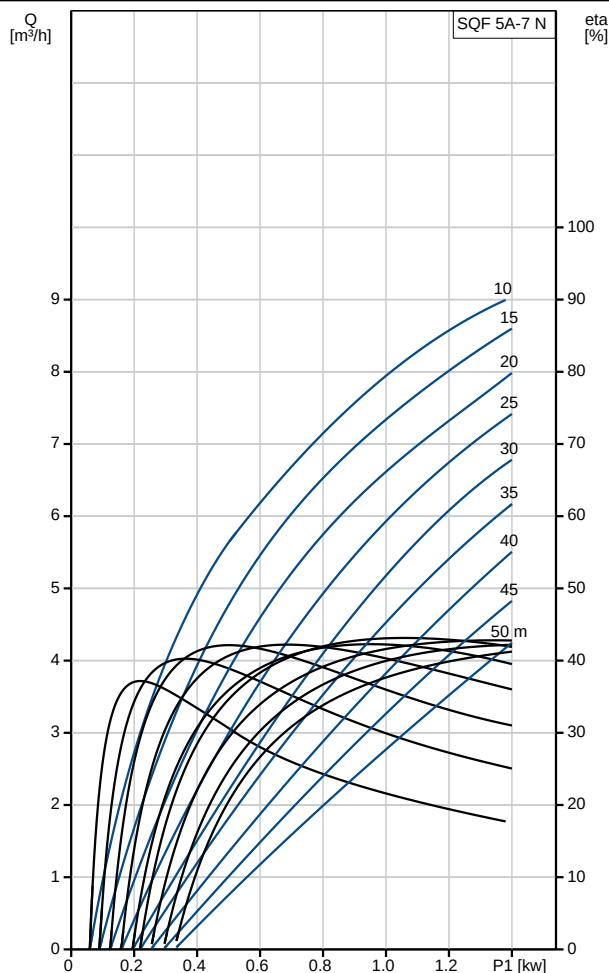
Position	Qty.	Description
	1	SQF 5A-7 N  Note! Product picture may differ from actual product Product No.: On request The 4" SQF centrifugal pump is for low heads and large flow rates. The SQFlex system is a reliable water supply system based on renewable energy sources, such as solar and wind energy. Thanks to its flexible energy supply and performance, the SQFlex system can be combined and adapted to meet any need on the installation site. The SQFlex system has a wide voltage range, built-in maximum power point tracking (MPPT) as well as dry-running, voltage and overload protection. Liquid: Pumped liquid: Water Maximum liquid temperature: 40 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Technical: Approvals on motor nameplate: CE,RCM,EAC Approvals on pump nameplate: CE,EAC Materials: Pump: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Impeller: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Installation: Maximum ambient pressure: 15 bar Pump outlet: Rp 1 1/2 Minimum borehole diameter: 102 mm Electrical data: Motor type: MSF3N Power input - P1: 1.4 kW Rated voltage ac: 1 x 90-240 V Rated voltage dc: 30-300 V Rated current: 8.4 A Power factor: 1.0 Rated speed: 500-3600 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Length of cable: 2 m Udc: 300 V 30 V

Position	Qty.	Description
		Others: Minimum efficiency index, MEI ≥: 0.56 Net weight: 10.5 kg Gross weight: 12 kg Shipping volume: 0.028 m ³

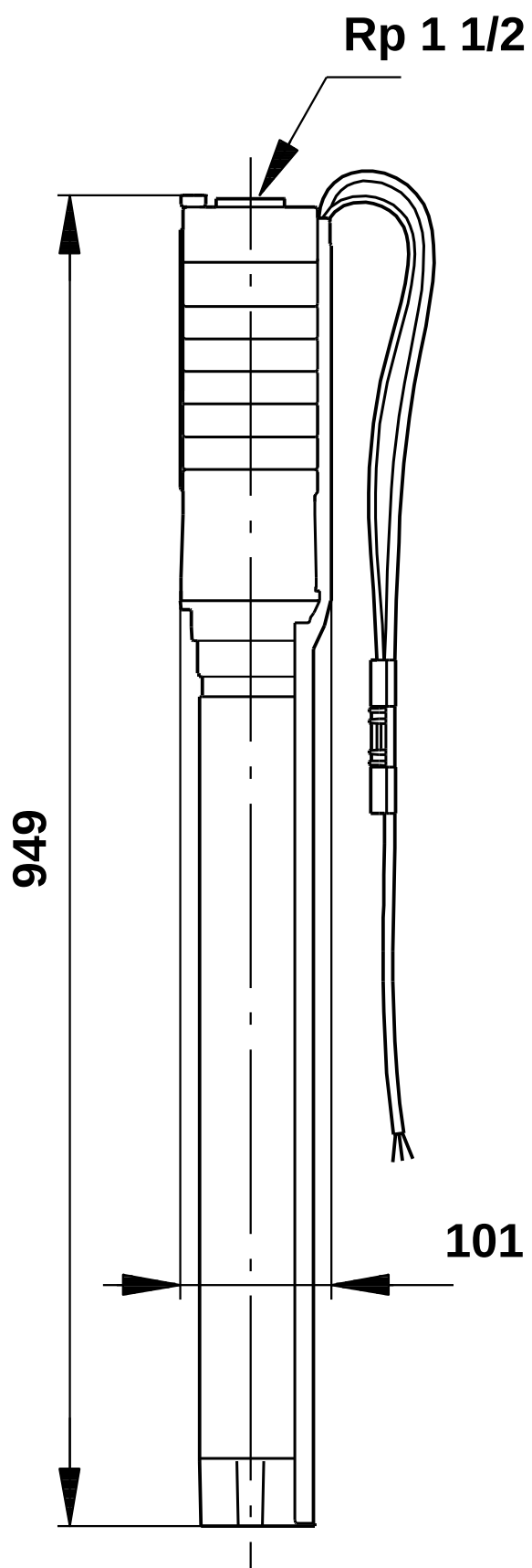
On request SQF 5A-7 N 50 Hz



Description	Value
General information:	
Product name:	SQF 5A-7 N
Product No:	On request
EAN number:	On request
Technical:	
Stages:	7
Approvals on motor nameplate:	CE,RCM,EAC
Approvals on pump nameplate:	CE,EAC
Pump No:	95027394
Valve:	pump with built-in non-return valve
Materials:	
Pump:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Impeller:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Rotor:	DIN W.-Nr. 1.4401 AISI 316
Stator:	DIN W.-Nr. 1.4401 AISI 316
Installation:	
Maximum ambient pressure:	15 bar
Pump outlet:	Rp 1 1/2
Minimum borehole diameter:	102 mm
Liquid:	
Pumped liquid:	Water
Maximum liquid temperature:	40 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor type:	MSF3N
Power input - P1:	1.4 kW
Rated voltage ac:	1 x 90-240 V
Rated voltage dc:	30-300 V
Rated current:	8.4 A
Power factor:	1.0
Rated speed:	500-3600 rpm
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protec:	Y
Thermal protec:	internal
Length of cable:	2 m
Motor No:	96275337
Udc:	300 V 30 V
Others:	
Minimum efficiency index, MEI ≥:	0.56
Net weight:	10.5 kg
Gross weight:	12 kg
Shipping volume:	0.028 m ³
Sales region:	Europe/South America/Japan

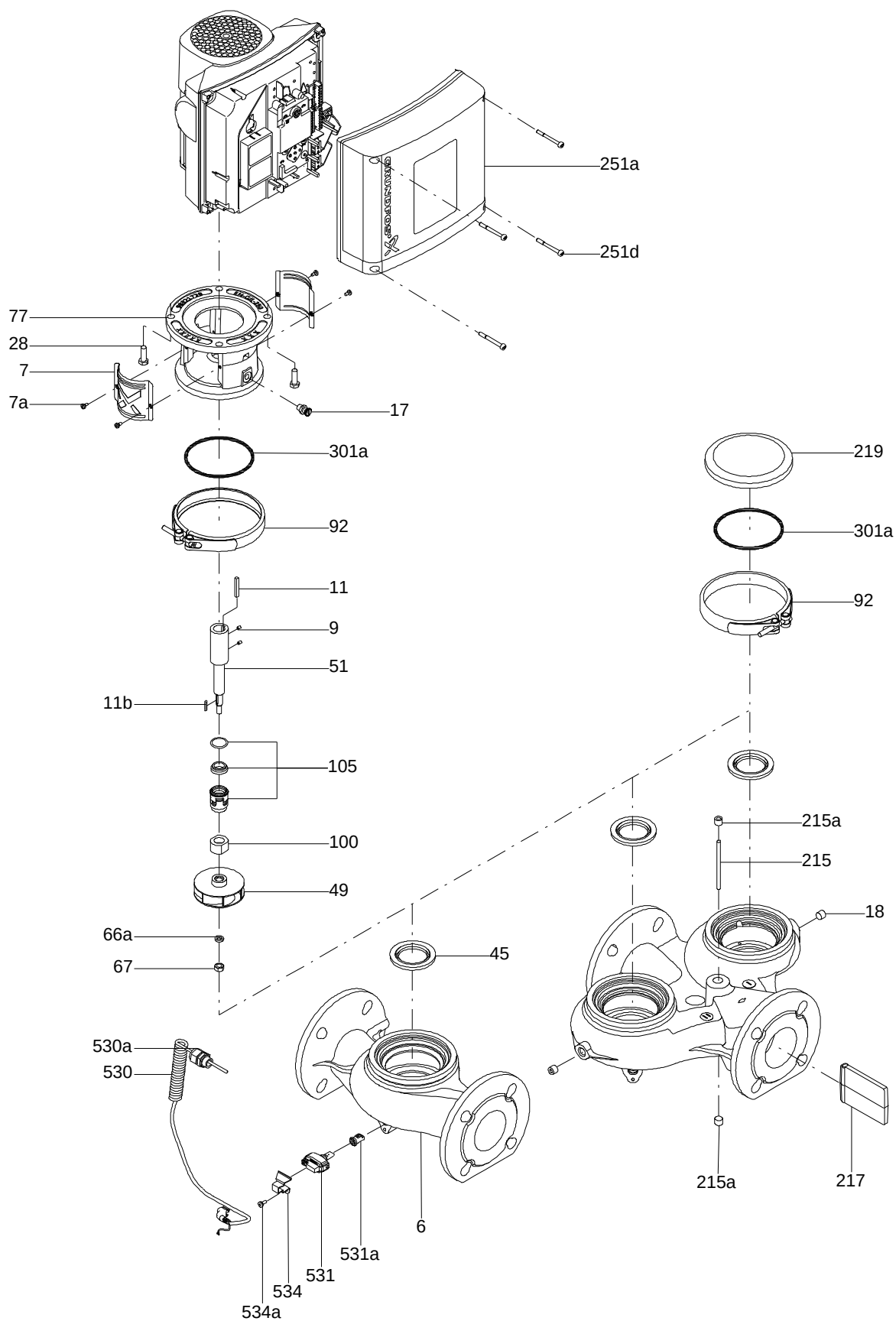


On request SQF 5A-7 N 50 Hz

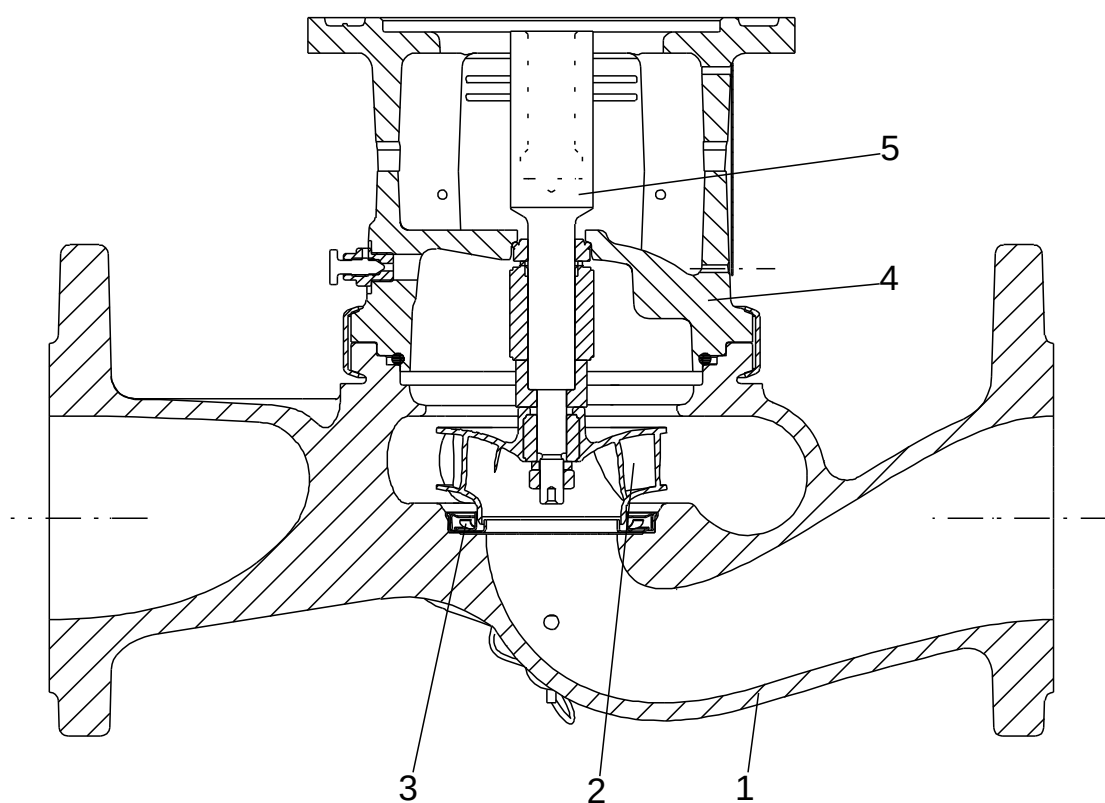


Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

Exploded view

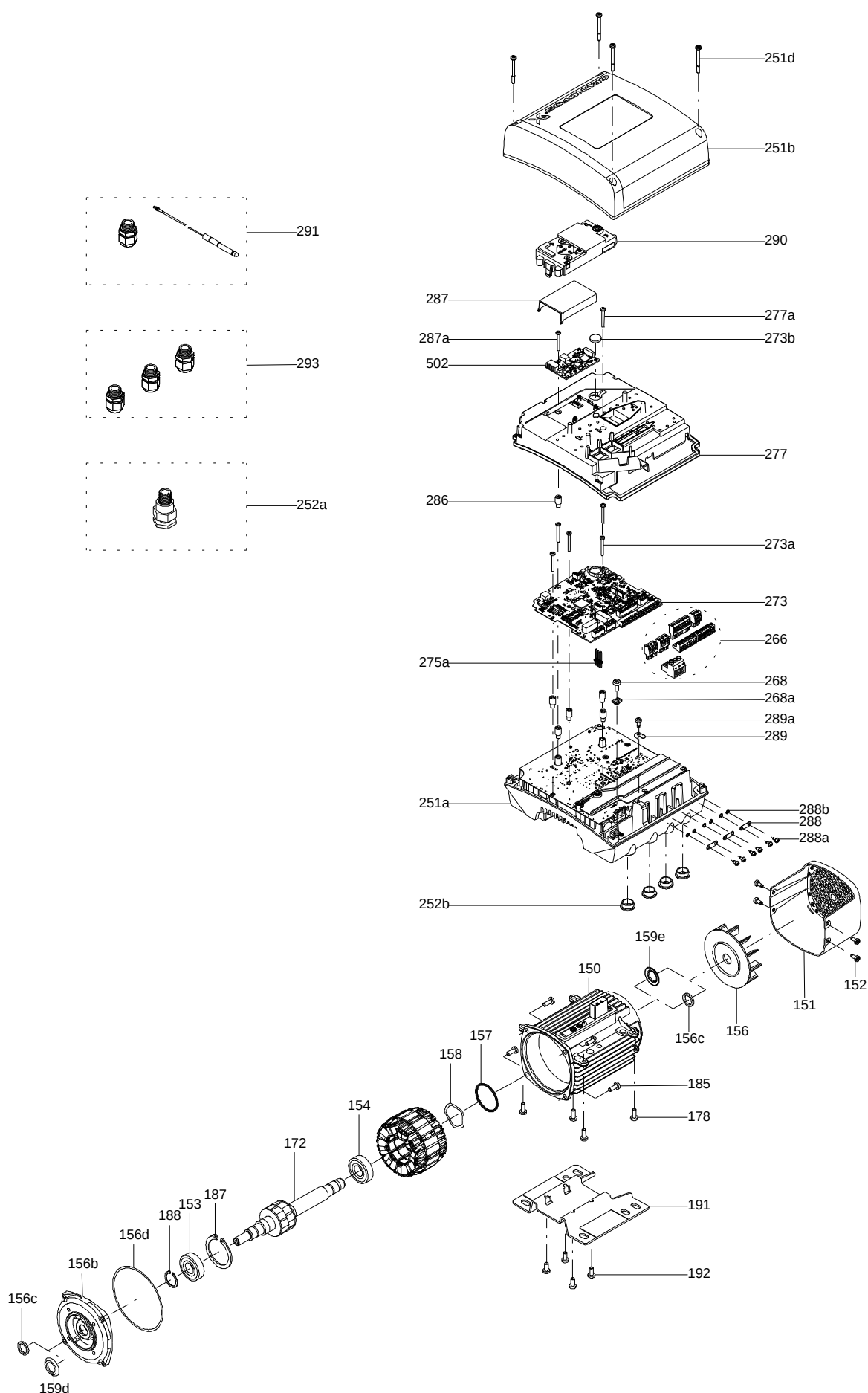


Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view (TM057026 for MGE model H/I)



Parts list SQF 5A-7 N, Product No. On request
Valid from 21.4.2006 (0616)

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
-	Pump w/o motor				1	pcs
	Kit, chambers				1	
-	Kit, wear parts				1	
	Stop ring				1	
7	Neck ring				7	
- 13a	Impeller cpl.				7	
	Impeller					
- 11	Split cone nut					
	Split cone nut					
11a	O-ring		Diameter: 15,00			
			Material type: NBR			
			Thickness: 70SHOR			
12	Split cone					
- 1	Valve casing cpl.				1	
	Valve casing				1	
	Bearing, top				1	
2	Valve cone				1	
3	Valve seat				1	
70	Valve guide				1	
+	Motor				1	pcs

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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