GRUNDFOS **DATA BOOKLET**

UPS50-60/2 F B 3x400-415V PN6/10

Grundfos pump 96402072



Thank you for your interest in our products. Please contact us for more information, or visit our website

https://www.lenntech.com/grundfos/UPSB2/96402072/UPS-50-60-2-F-B.html

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Position	Qty.	Description
	1	**UPS 50-60/2 F B**



Note! Product picture may differ from actual product

Product No.: On request
The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing.
The bearings are lubricatd by the pumped liquid.

In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.

The pump is characterized by:
* 3 speed motor.
* Ceramic radial bearings.
* Carbon axial bearing.
* Stainless steel rotor can, bearing plate and rotor cladding.
* Aluminium alloy stator housing.
* Bronze pump housing.
* Stator with built-in thermal switch.

The motor is a 3-phase motor.

The pump is supplied with a standard module in the terminal box.
The standard module is to be connected to the mains supply via external contactor.

Controls:

Relay:	without relay

Liquid:

Pumped liquid:	Water
Liquid temperature range:	-10 .. 120 °C
Liquid temperature during operation:	60 °C
Density:	983.2 kg/m³

Technical:

Approvals on nameplate:	CE,EAC,AAA,WEEE

Materials:

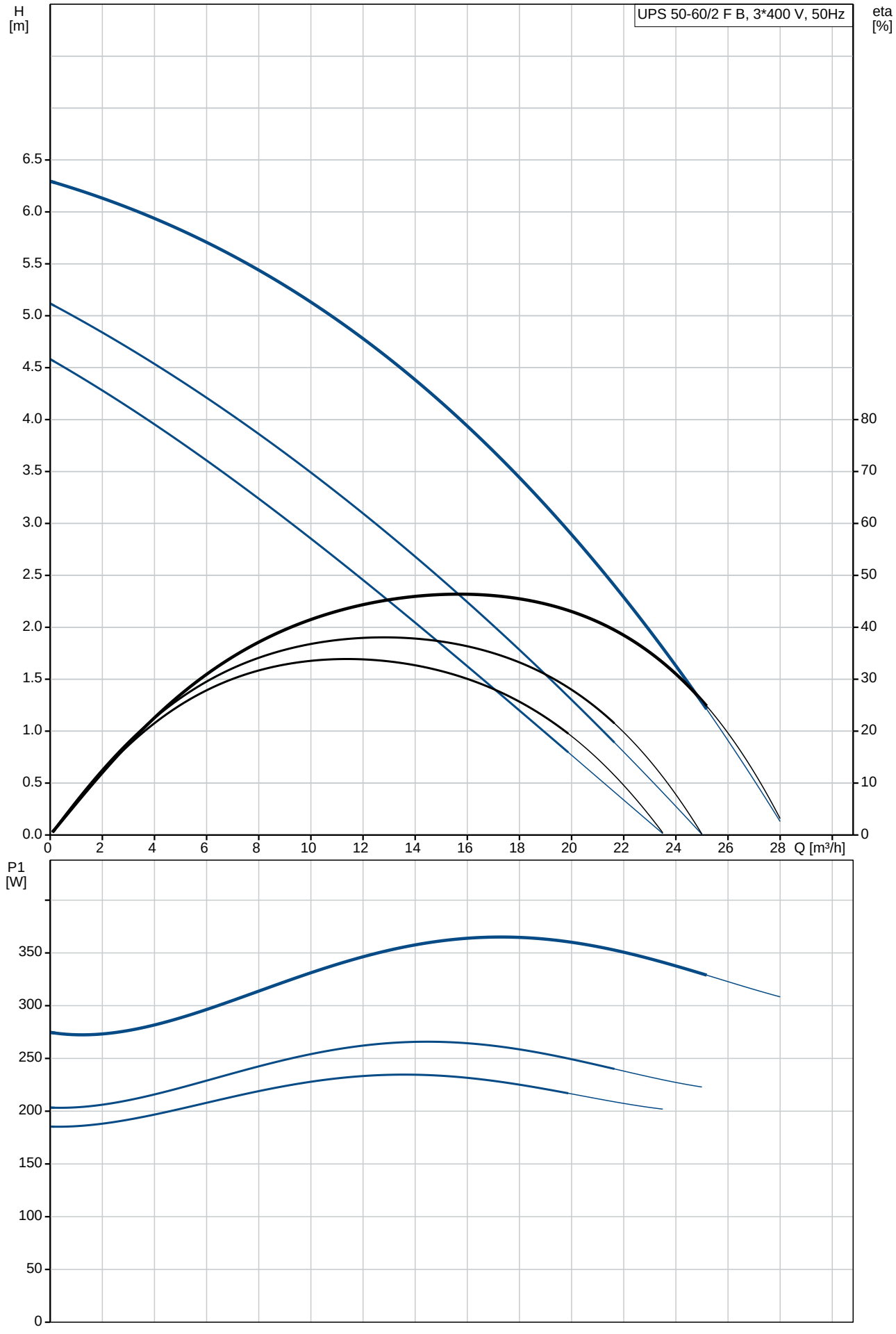
Pump housing:	Bronze DIN W.-Nr. 2.1176.01 ASTM B-271
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304

Installation:

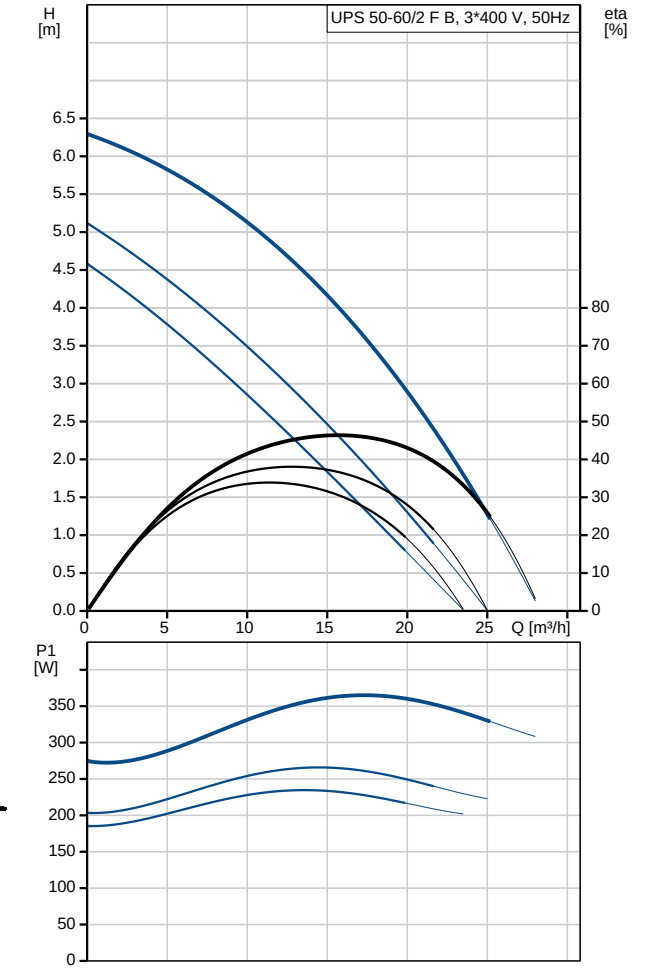
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar

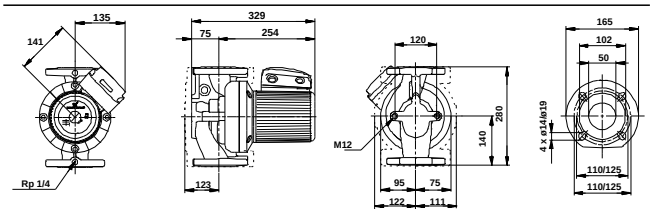
Position	Qty.	Description	
		Flange standard:	DIN
		Pipe connection:	DN 50
		Pressure rating:	PN 6 / PN 10
		(@):	280 mm
		Electrical data:	
		Power input in speed 1:	235 W
		Power input in speed 2:	270 W
		Max. power input:	360 W
		Mains frequency:	50 Hz
		Rated voltage:	3 x 400-415 V
		Current in speed 1:	0.39 A
		Current in speed 2:	0.45 A
		Current in speed 3:	0.74 A
		Cos phi in speed 1:	0.87
		Cos phi in speed 2:	0.87
		Cos phi:	0.7
		Number of poles:	2
		Insulation class (IEC 85):	F
		Enclosure class (IEC 60529):	X4D
		Others:	
		Net weight:	24.3 kg
		Gross weight:	25.5 kg
		Shipping volume:	0.034 m^3

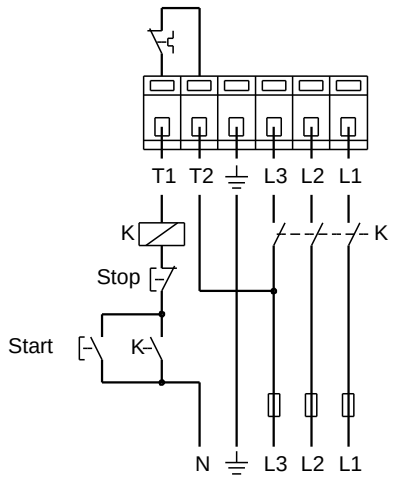
On request UPS 50-60/2 F B 50 Hz



Description	Value
General information:	
Product name:	UPS 50-60/2 F B
Product No:	On request
EAN number:	On request
Technical:	
Speed no:	3
Head max:	60 dm
Approvals on nameplate:	CE,EAC,AAA,WEEE
Materials:	
Pump housing:	Bronze
	DIN W.-Nr. 2.1176.01
	ASTM B-271
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Installation:	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 50
Pressure rating:	PN 6 / PN 10
(@)	280 mm
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 120 °C
Liquid temperature during operation:	60 °C
Density:	983.2 kg/m³
Electrical data:	
Power input in speed 1:	235 W
Power input in speed 2:	270 W
Max. power input:	360 W
Mains frequency:	50 Hz
Rated voltage:	3 x 400-415 V
Current in speed 1:	0.39 A
Current in speed 2:	0.45 A
Current in speed 3:	0.74 A
Cos phi in speed 1:	0.87
Cos phi in speed 2:	0.87
Cos phi:	0.7
Number of poles:	2
Insulation class (IEC 85):	F
Enclosure class (IEC 60529):	X4D
Motor protec:	CONTACT
Thermal protec:	external
Controls:	
Relay:	without relay
Pos term box:	1.30H
Others:	
Net weight:	24.3 kg
Gross weight:	25.5 kg
Shipping volume:	0.034 m³

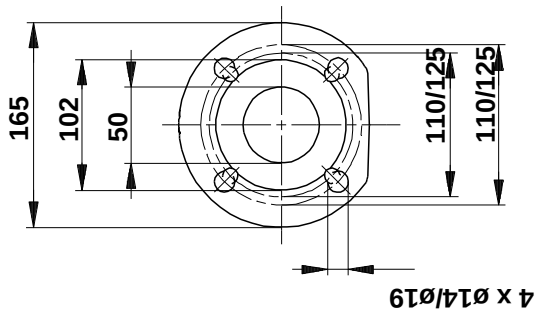


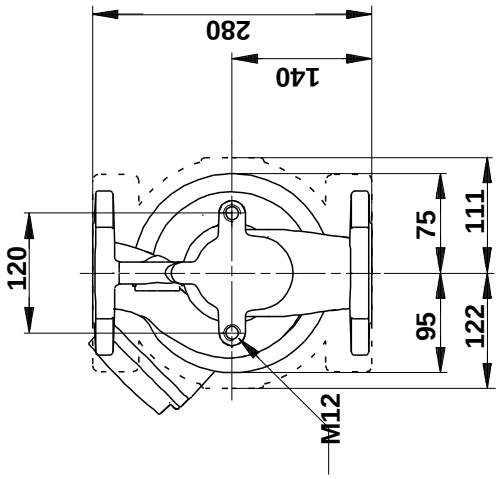


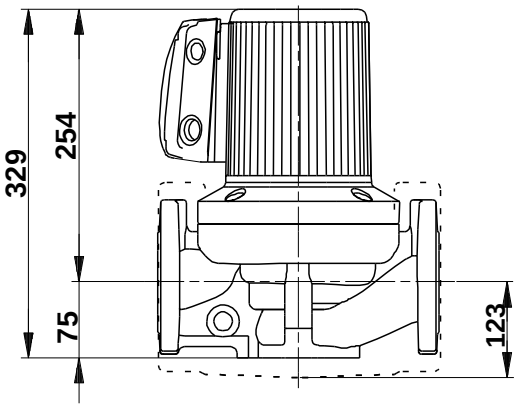


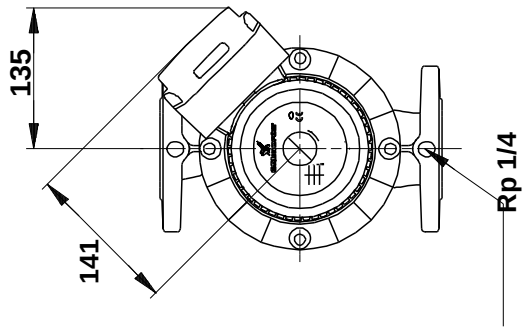
On request UPS 50-60/2 F B 50 Hz

On request UPS 50-60/2 F B 50 Hz



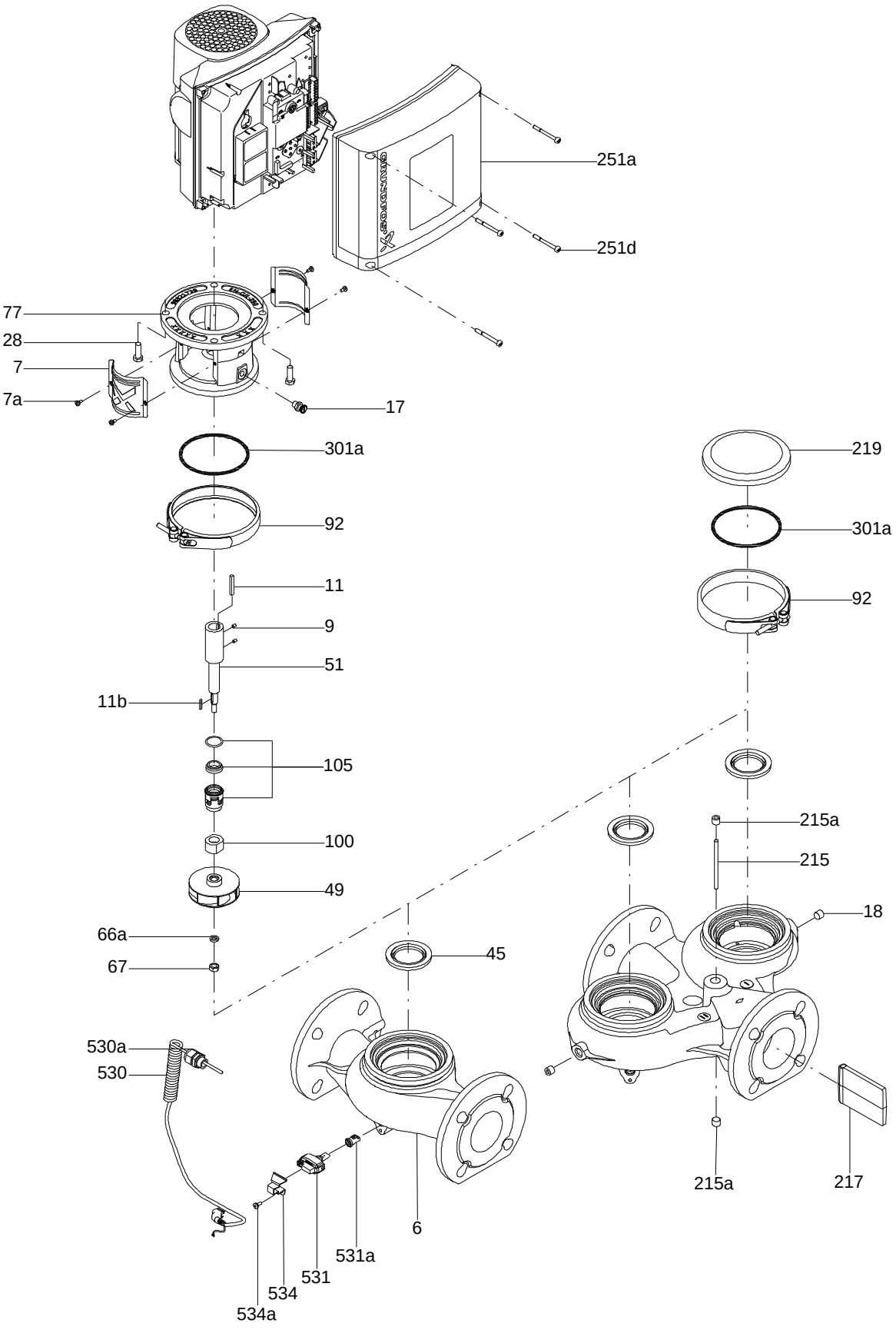




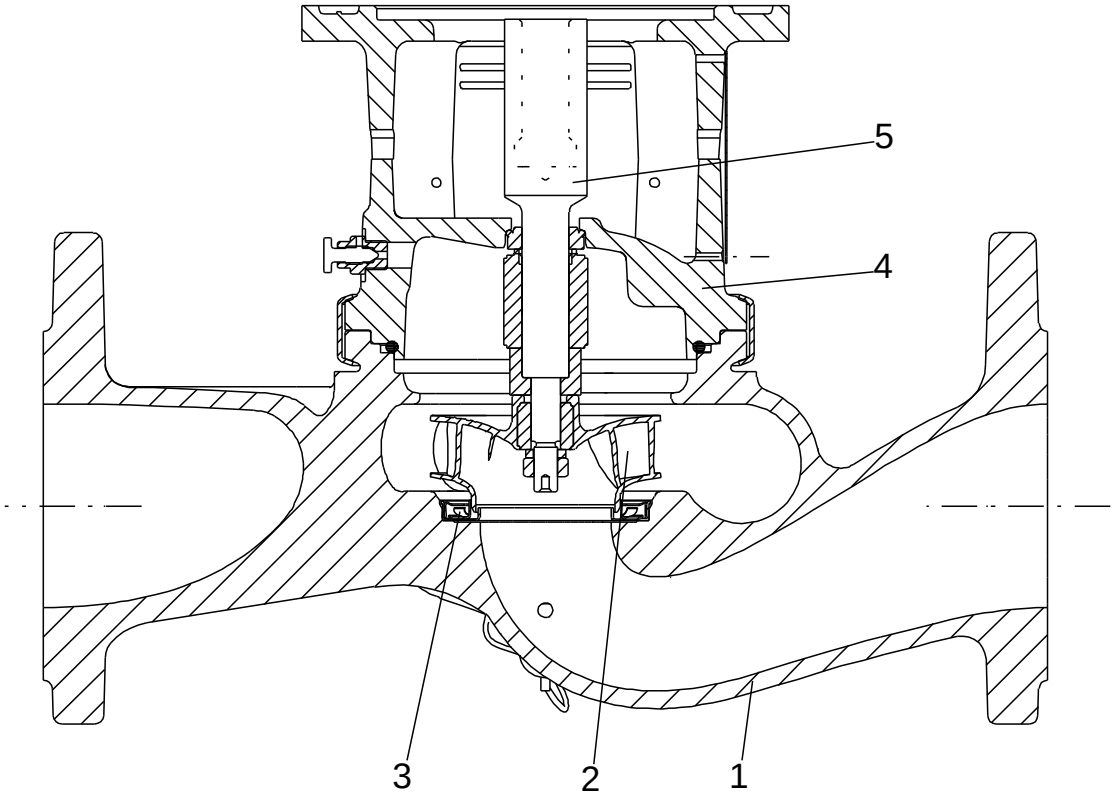


Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

Exploded view

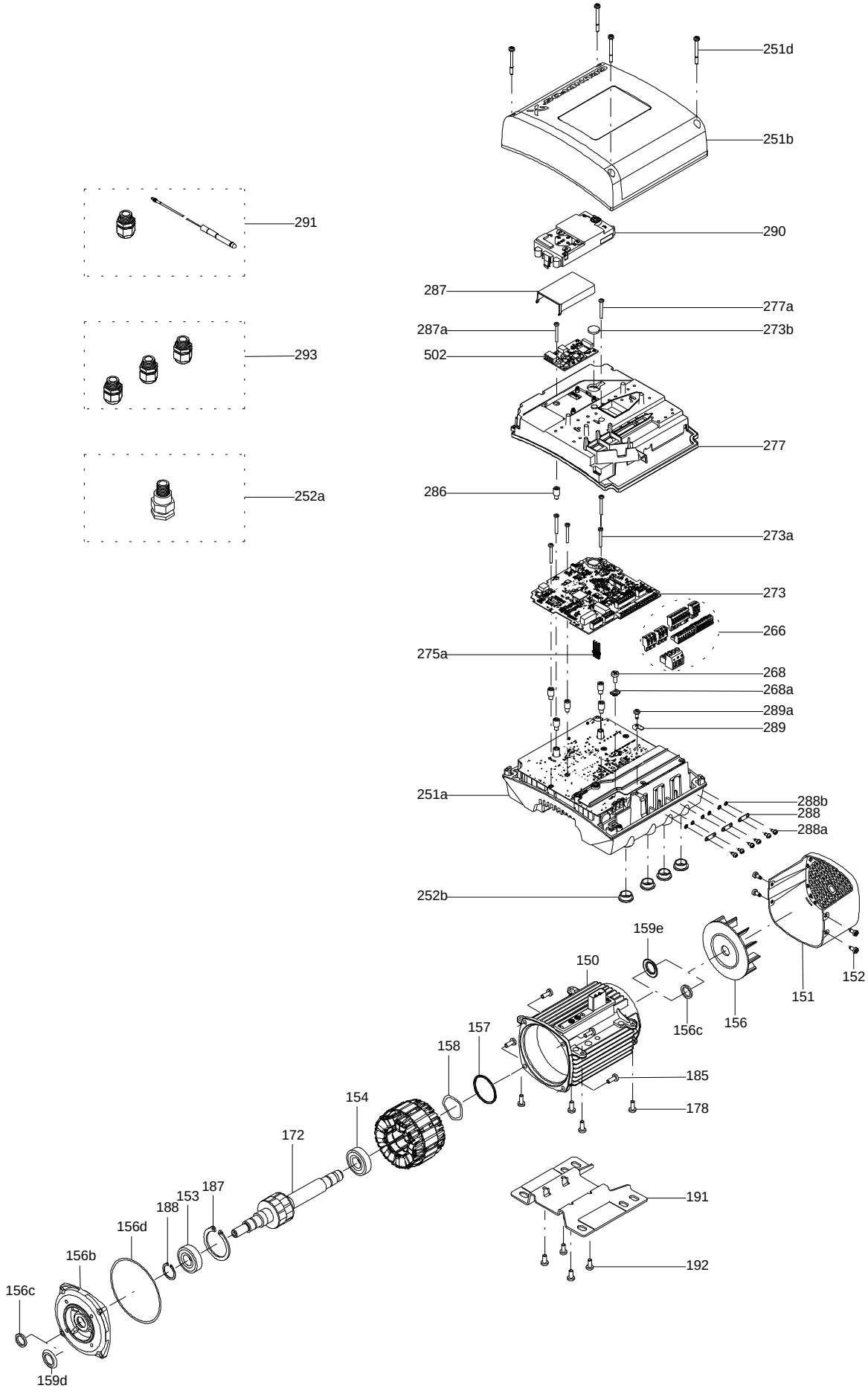


Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view (TM057026 for MGE model H/I)



Parts list UPS 50-60/2 F B, Product No. On request
Valid from 1.4.1995 (9513)

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
163a	Terminal box cpl.		Designation: WITH RELAY MODULE		1	pcs
163b	Terminal box cpl.		Designation: WITH STANDARD MODULE		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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