

Position	Count	Description
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1 UPS 40-180 F



Product photo could vary from the 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 lubricated 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.
- \* Cast iron pump housing.
- \* Stator with built-in thermal switch.

The motor is a 1-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: 263 .. 393 K  
 Q\_OpFluidTemp: 333 K  
 Density: 983.2 kg/m<sup>3</sup>

**Technical:**

Approvals on nameplate: CE

**Materials:**

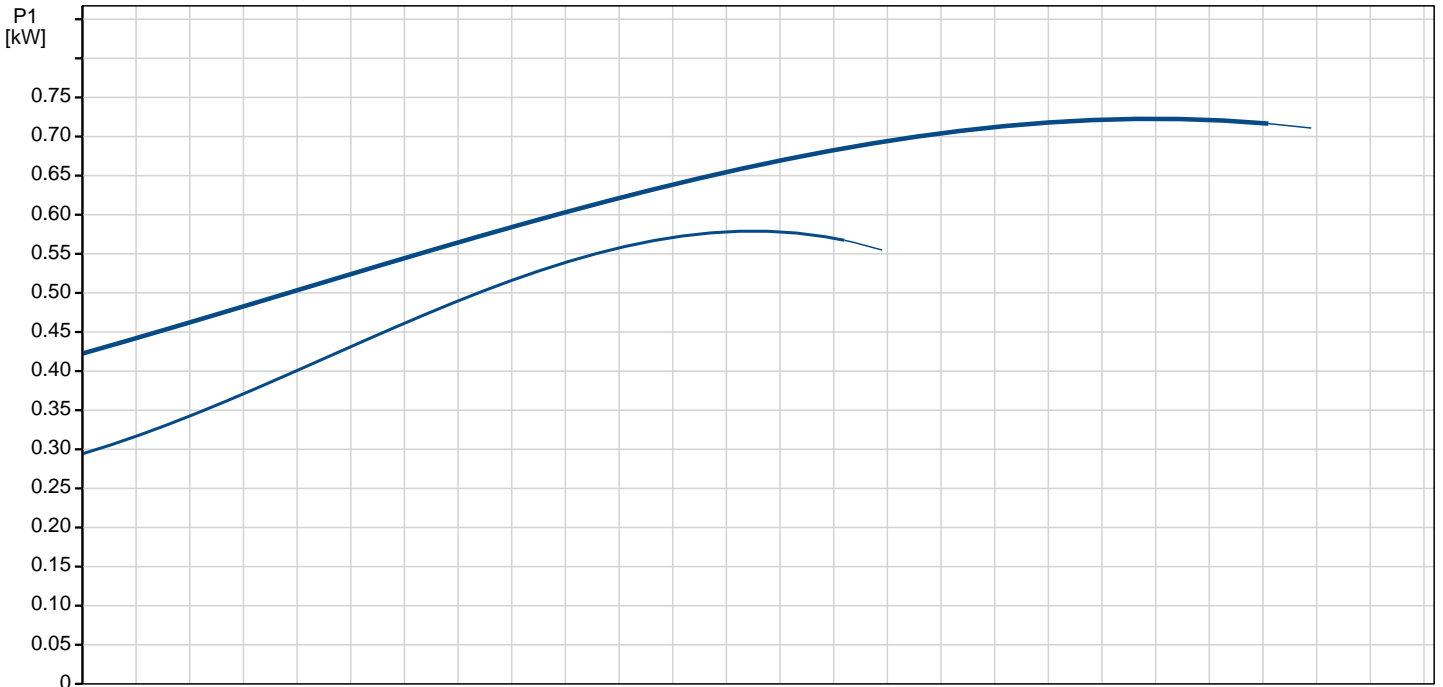
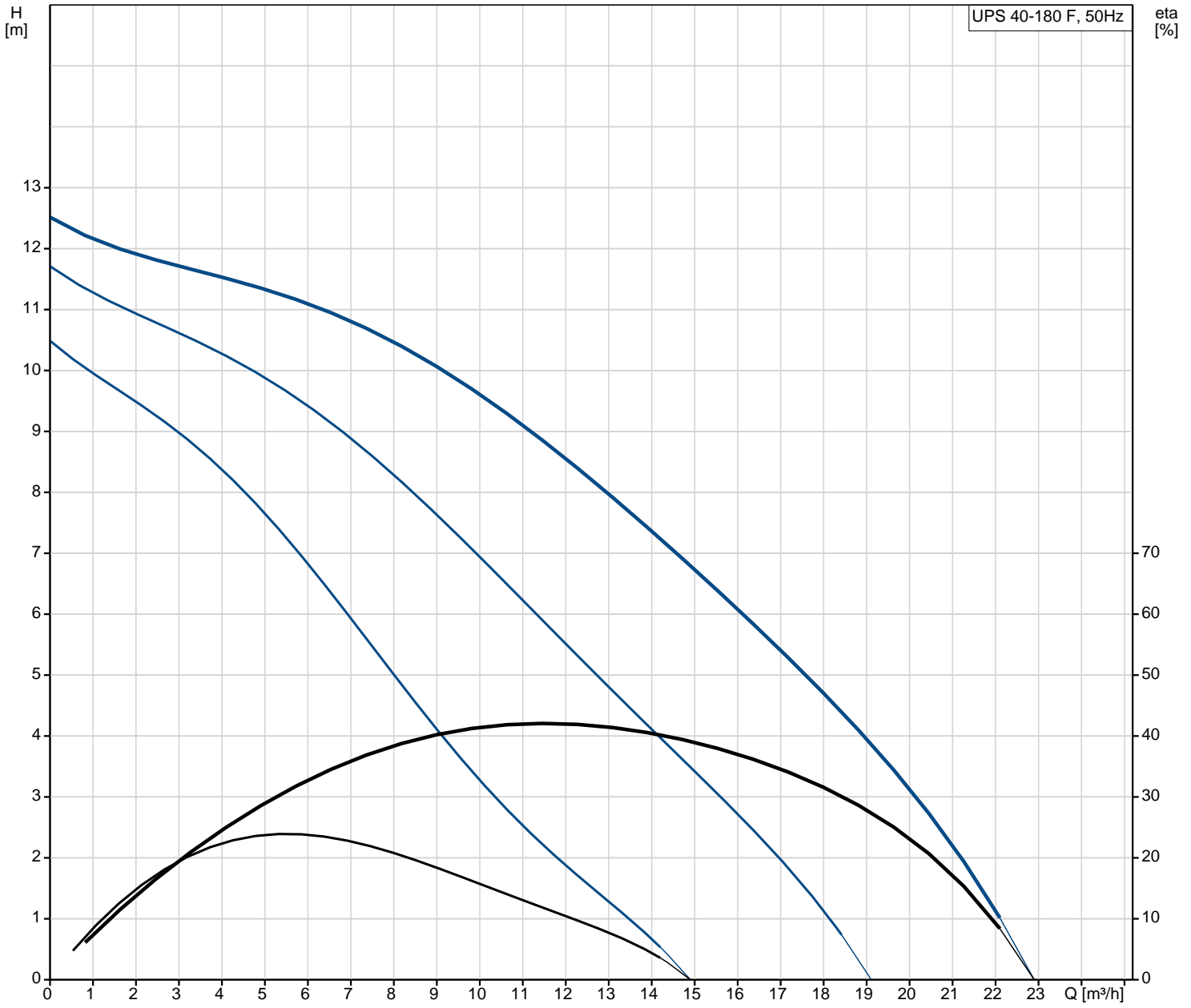
Pump housing: Cast iron  
 EN-JL1040  
 ASTM 35 B - 40 B  
 Impeller: Stainless steel  
 DIN W.-Nr. 1.4301  
 AISI 304

**Installation:**

Range of ambient temperature: 273 .. 313 K  
 Maximum operating pressure: 1000 kPa  
 Flange standard: JIS

Position	Count	Description
		Pipe connection: 40 A Pressure stage: 10 K Port-to-port length: 300 mm  <b>Electrical data:</b> C run: 100 $\mu$ F Power input in speed 1: 580 W Power input in speed 2: 680 W Max. power input: 730 W Main frequency: 50 Hz Rated voltage: 1 x 100-110 V Current in speed 1: 6.5 A Current in speed 2: 7.1 A Current in speed 3: 7.8 A Cos phi in speed 1: 0,89 Cos phi in speed 2: 0,96 Cos phi: 0,94 Capacitor size - run: 100 $\mu$ F/250 V Insulation class (IEC 85): H Enclosure class (IEC 60529): X4D  <b>Others:</b> Net weight: 23.1 kg Gross weight: 23.8 kg Shipping volume: 0.033 m <sup>3</sup>

## On request UPS 40-180 F 50 Hz



Description	Value
<b>General information:</b>	
Product name:	UPS 40-180 F
Product No.:	On request
EAN:	On request
Price:	On request
<b>Technical:</b>	
Speed Number:	3
Head max:	18 m
Approvals on nameplate:	CE
<b>Materials:</b>	
Pump housing:	Cast iron EN-JL1040 ASTM 35 B - 40 B
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
<b>Installation:</b>	
Range of ambient temperature:	273 .. 313 K
Maximum operating pressure:	1000 kPa
Flange standard:	JIS
Pipe connection:	40 A
Pressure stage:	10 K
Port-to-port length:	300 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	263 .. 393 K
Q_OpFluidTemp:	333 K
Density:	983.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
C run:	100 μF
Power input in speed 1:	580 W
Power input in speed 2:	680 W
Max. power input:	730 W
Main frequency:	50 Hz
Rated voltage:	1 x 100-110 V
Current in speed 1:	6.5 A
Current in speed 2:	7.1 A
Current in speed 3:	7.8 A
Cos phi in speed 1:	0,89
Cos phi in speed 2:	0,96
Cos phi:	0,94
Capacitor size - run:	100 μF/250 V
Insulation class (IEC 85):	H
Enclosure class (IEC 60529):	X4D
Motor protection:	CONTACT
Thermal protec:	external
<b>Controls:</b>	
Relay:	without relay
Pos term box:	1.30H
<b>Others:</b>	
Net weight:	23.1 kg
Gross weight:	23.8 kg
Shipping volume:	0.033 m <sup>3</sup>
Sales region:	Japan

