

**Qty. Description**

1 **UPS 40-160 F B**



Note! Product picture may differ from actual product

Product No.: [96402788](#)

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.
- \* Bronze 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: with relay

Liquid:

Pumped liquid: Water  
Liquid temperature range: 14 .. 248 °F  
Selected liquid temperature: 140 °F  
Density: 61.35 lb/ft<sup>3</sup>

Technical:

Approvals: CCSAUS, IAPMO

Materials:

Pump housing: Bronze  
CuSn10  
Impeller: Stainless steel  
EN 1.4301  
AISI 304

Installation:

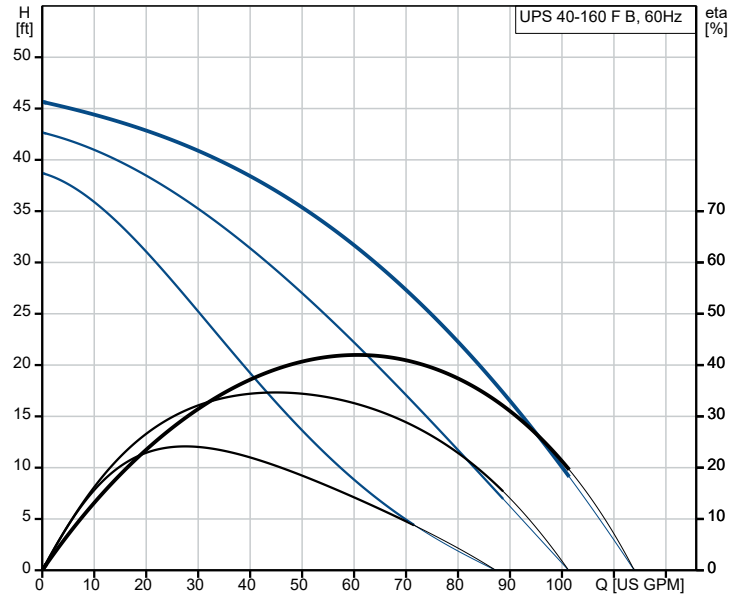
Range of ambient temperature: 32 .. 104 °F  
Maximum operating pressure: 145.04 psi  
Type of connection: DIN  
Pipe connection: GF 40/43  
Pressure rating for connection: PN 10  
Port-to-port length: 11 1/2 in

Electrical data:

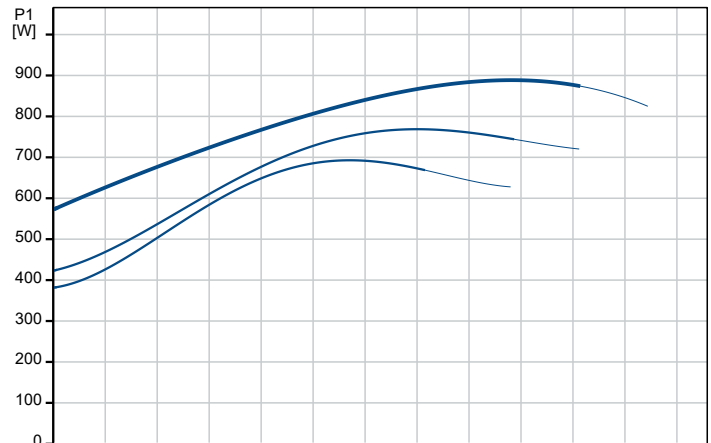
Qty.	Description
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1	Power input in speed 1: 0.9253 HP
	Power input in speed 2: 760 W
	Max. power input: 890 W
	Mains frequency: 60 Hz
	Rated voltage: 1 x 230 V
	Current in speed 1: 3.45 A
	Current in speed 2: 3.75 A
	Current in speed 3: 4.2 A
	Cos phi in speed 1: 0.86
	Cos phi in speed 2: 0.89
	Cos phi: 0.92
	Capacitor size - run: 20 µF/400 V
	Enclosure class (IEC 34-5): X4D
	Insulation class (IEC 85): H
	Built-in motor protection: CONTACT
	Others:
	Terminal box position: 1.30H
	Net weight: 47.6 lb
	Gross weight: 59.8 lb
	Shipping volume: 3.46 ft <sup>3</sup>
	Country of origin: RS
	Custom tariff no.: 8413.70.2005

Description	Value
<b>General information:</b>	
Product name:	UPS 40-160 F B
Product No:	96402788
EAN number:	5700390681449
<b>Technical:</b>	
Speed no:	3
Maximum head:	52.5 ft
Approvals:	CCSAUS,IAPMO
Model:	C
<b>Materials:</b>	
Pump housing:	Bronze
Pump housing:	CuSn10
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
<b>Installation:</b>	
Range of ambient temperature:	32 .. 104 °F
Maximum operating pressure:	145.04 psi
Type of connection:	DIN
Pipe connection:	GF 40/43
Pressure rating for connection:	PN 10
Port-to-port length:	11 1/2 in
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	14 .. 248 °F
Selected liquid temperature:	140 °F
Density:	61.35 lb/ft <sup>3</sup>
<b>Electrical data:</b>	
Power input in speed 1:	0.9253 HP
Power input in speed 2:	760 W
Max. power input:	890 W
Mains frequency:	60 Hz
Rated voltage:	1 x 230 V
Current in speed 1:	3.45 A
Current in speed 2:	3.75 A
Current in speed 3:	4.2 A
Cos phi in speed 1:	0.86
Cos phi in speed 2:	0.89
Cos phi:	0.92
Capacitor size - run:	20 µF/400 V
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	H
Built-in motor protection:	CONTACT
Thermal protec:	internal
R a:	5.6 - 7.35 ohm
R s1:	2.02 - 2.66 ohm
R s2:	3.75 - 4.95 ohm
<b>Controls:</b>	
Relay:	with relay
<b>Others:</b>	
Terminal box position:	1.30H
Net weight:	47.6 lb
Gross weight:	59.8 lb
Shipping volume:	3.46 ft <sup>3</sup>
Country of origin:	RS
Custom tariff no.:	8413.70.2005



Pumped liquid = Water  
 Liquid temperature during operation = 140 °F  
 Density = 61.35 lb/ft<sup>3</sup>



## 96402788 UPS 40-160 F B 60 Hz

