

Qty. Description

1 **UPS 50-80/2 F**



Note! Product picture may differ from actual product

Product No.: [96402836](#)

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: Y

Liquid:

Pumped liquid: Water
Liquid temperature range: 14 .. 248 °F
Selected liquid temperature: 140 °F
Density: 61.35 lb/ft³

Technical:

Approvals: CCSAUS

Materials:

Pump housing: Cast iron
EN 1561 EN-GJL-250
ASTM 35 B - 40 B
Impeller: Stainless steel
EN 1.4301
AISI 304

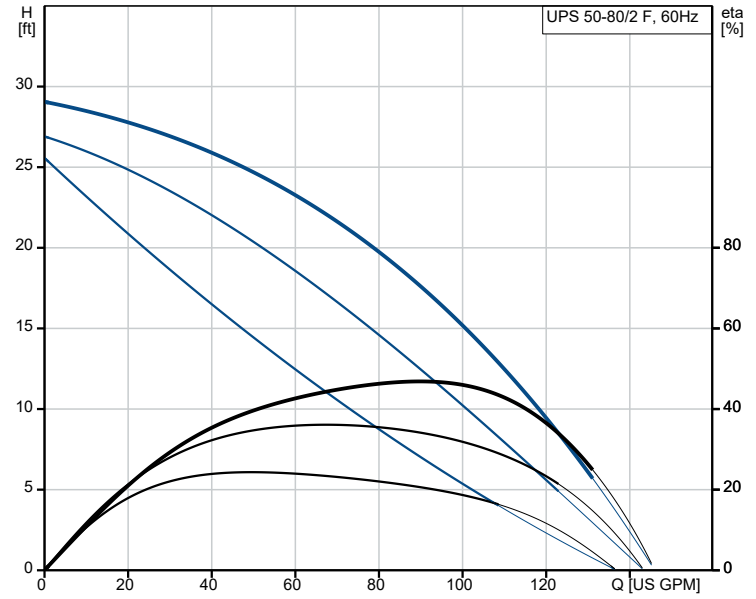
Installation:

Range of ambient temperature: 32 .. 104 °F
Maximum operating pressure: 145.04 psi
Type of connection: DIN
Pipe connection: GF 50
Pressure rating for connection: PN 10
Port-to-port length: 11 1/2 in

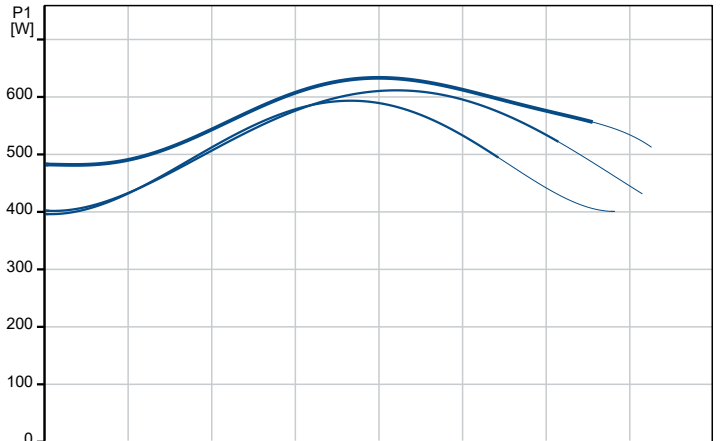
Qty.	Description
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1	Electrical data:
	Power input in speed 1: 0.8046 HP
	Power input in speed 2: 610 W
	Max. power input: 630 W
	Mains frequency: 60 Hz
	Rated voltage: 1 x 230 V
	Current in speed 1: 2.9 A
	Current in speed 2: 2.85 A
	Current in speed 3: 2.95 A
	Cos phi in speed 1: 0.9
	Cos phi in speed 2: 0.93
	Cos phi: 0.94
	Capacitor size - run: 16 µF/400 V
	Number of poles: 2
	Enclosure class (IEC 34-5): X4D
	Insulation class (IEC 85): H
	Built-in motor protection: CONTACT
	Others:
	Terminal box position: 1.30H
	Net weight: 46.7 lb
	Gross weight: 54.2 lb
	Shipping volume: 2.08 ft ³

Description	Value
General information:	
Product name:	UPS 50-80/2 F
Product No:	96402836
EAN number:	5700390683276
Price:	
Technical:	
Speed no:	3
Maximum head:	26.25 ft
Approvals:	CCSAUS
Model:	C
Materials:	
Pump housing:	Cast iron
Pump housing:	EN 1561 EN-GJL-250
Pump housing:	ASTM 35 B - 40 B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Installation:	
Range of ambient temperature:	32 .. 104 °F
Maximum operating pressure:	145.04 psi
Type of connection:	DIN
Pipe connection:	GF 50
Pressure rating for connection:	PN 10
Port-to-port length:	11 1/2 in
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	14 .. 248 °F
Selected liquid temperature:	140 °F
Density:	61.35 lb/ft³
Electrical data:	
Power input in speed 1:	0.8046 HP
Power input in speed 2:	610 W
Max. power input:	630 W
Mains frequency:	60 Hz
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Cos phi in speed 1:	0.9
Cos phi in speed 2:	0.93
Cos phi:	0.94
Capacitor size - run:	16 µF/400 V
Number of poles:	2
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	H
Built-in motor protection:	CONTACT
Thermal protec:	INT.
R a:	8.3 - 10.8 ohm
R s1:	2.2 - 2.9 ohm
R s2:	5.05 - 6.65 ohm
Controls:	
Relay:	Y
Others:	
Terminal box position:	1.30H
Net weight:	46.7 lb
Gross weight:	54.2 lb
Shipping volume:	2.08 ft³



Pumped liquid = Water
 Liquid temperature during operation = 140 °F
 Density = 61.35 lb/ft³



96402836 UPS 50-80/2 F 60 Hz

