

Company name: Created by: Phone:

Date:

03/03/2023

Qty. | Description

1



Note! Product picture may differ from actual product

Product No.: 96633591 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:

- * 1 speed motor.
- * Ceramic radial bearings.
- Carbon axial bearing.
 Stainlage staal reter a
- * 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.

with relay

Controls: Relay:

r tolay.	warrolay
Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water 14 230 °F 140 °F 61.35 lb/ft³
Technical: Approvals:	CCSAUS
Materials: Pump housing: Impeller:	Cast iron EN 1561 EN-GJL-250 ASTM 35 B - 40 B Stainless steel EN 1.4301 AISI 304
Installation: Range of ambient temperature: Maximum operating pressure: Type of connection: Pipe connection: Pressure rating for connection: Port-to-port length:	32 104 °F 145.04 psi DIN GF 53 PN 10 9 7/8 in



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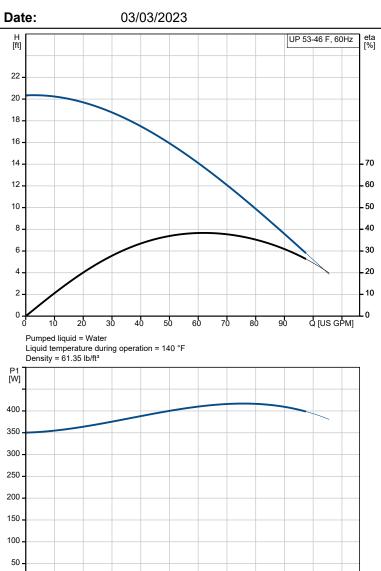
1	Electrical data:	
	Max. power input:	420 W
	Mains frequency:	60 Hz
	Rated voltage:	1 x 115-230 V
	Current in speed 3:	3.9/2.1 A
	Cos phi:	0.90
	Capacitor size - run:	50 µF/240 V
	Enclosure class (IEC 34-5):	X4D
	Insulation class (IEC 85):	F
	Built-in motor protection:	CONTACT
	Others:	
	Terminal box position:	1.30H
	Net weight:	44.5 lb
	Gross weight:	52.5 lb
	Shipping volume:	2.12 ft³
	Country of origin:	RS
	Custom tariff no.:	8413.70.2005

GRUNDFOS

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escription	Value
eneral information:	
roduct name:	UP 53-46 F
roduct No:	96633591
AN number:	5700835482518
echnical:	
peed no:	1
aximum head:	15.09 ft
oprovals:	CCSAUS
lodel:	С
laterials:	
ump housing:	Cast iron
ump housing:	EN 1561 EN-GJL-250
ump housing:	ASTM 35 B - 40 B
npeller:	Stainless steel
npeller:	EN 1.4301
npeller:	AISI 304
stallation:	
ange of ambient temperature:	32 104 °F
laximum operating pressure:	145.04 psi
ype of connection:	DIN
pe connection:	GF 53
ressure rating for connection:	PN 10
prt-to-port length:	9 7/8 in
nnect code:	F
quid:	•
imped liquid:	Water
quid temperature range:	14 230 °F
elected liquid temperature:	140 °F
ensity:	61.35 lb/ft ³
ectrical data:	01.33 lb/lt
	420 W
ax. power input:	
ains frequency:	60 Hz
ted voltage:	1 x 115-230 V
urrent in speed 3:	3.9/2.1 A
os phi:	0.90
pacitor size - run:	50 µF/240 V
nclosure class (IEC 34-5):	X4D
sulation class (IEC 85):	F
uilt-in motor protection:	CONTACT
nermal protec:	internal
ontrols:	
elay:	with relay
hers:	
erminal box position:	1.30H
et weight:	44.5 lb
oss weight:	52.5 lb
hipping volume:	2.12 ft ³
ountry of origin:	RS





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96633591 UP 53-46 F 60 Hz

