

Qty. Description

1 **Product name: SB HF 5-70**



Note! Product picture may differ from actual product

Product No.: [99386067](#)

Grundfos SB HF 5-70 is a submersible pump designed for water supply and pressure boosting in domestic and rainwater applications. The pump is built from stainless-steel materials resistant to corrosion. The double mechanical shaft seal ensures trouble free operation and an oil chamber to

Max liquid temp: The SB HF 5-70 is equipped with a 20 m supply cable, and the maximum installation depth is 15 m below the water level, with a liquid temperature ranging from 0 °C to 40 °C.

SB HF has an inlet strainer placed at the bottom of the pump, which allows for the pump to draw water from a low level in the installation. The stainless-steel strainer has 1 mm / 0.04-inch mesh to prevent large particles from entering the pump housing.

The single-phase model is effectively protected against any accidental overload by built-in thermal protection.

The motor is placed in the top, inside the pump sleeve, and thus cooled by the pumped liquid.

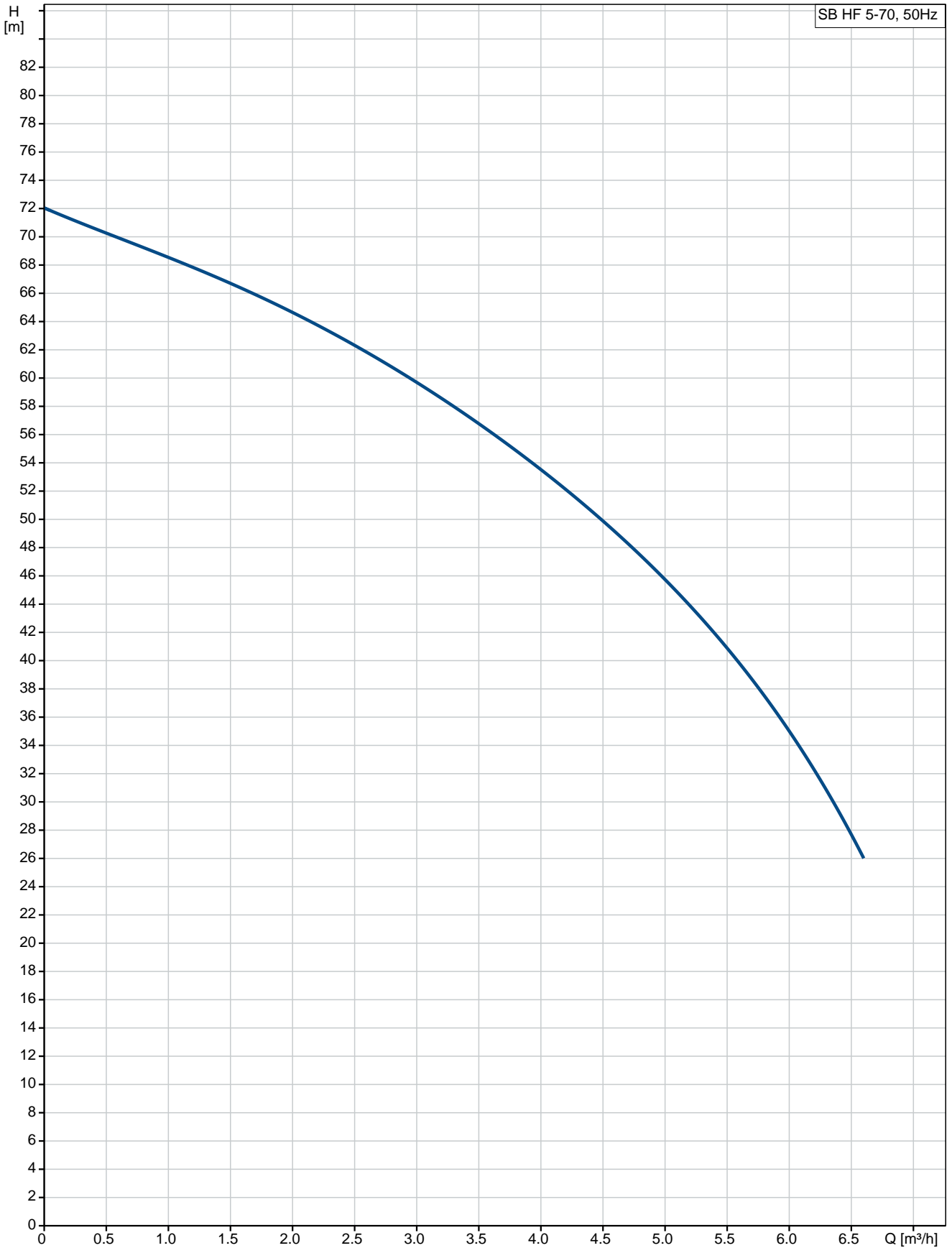
Liquid:
Pumped liquid: Water
Liquid temperature range: 0 .. 40 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:
Rated flow: 5 m³/h
Rated head: 47 m
Max. Particle: 1 mm
Approvals: CE,WEEE
Curve tolerance: ISO9906:2012 3B
Return valve: NO
Rated driver speed: 2800 rpm

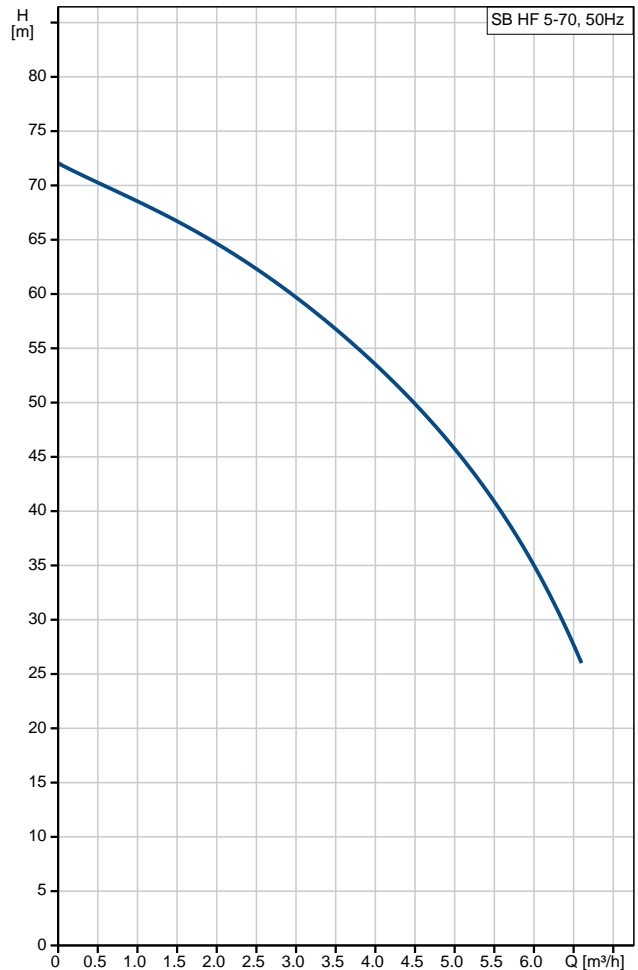
Materials:

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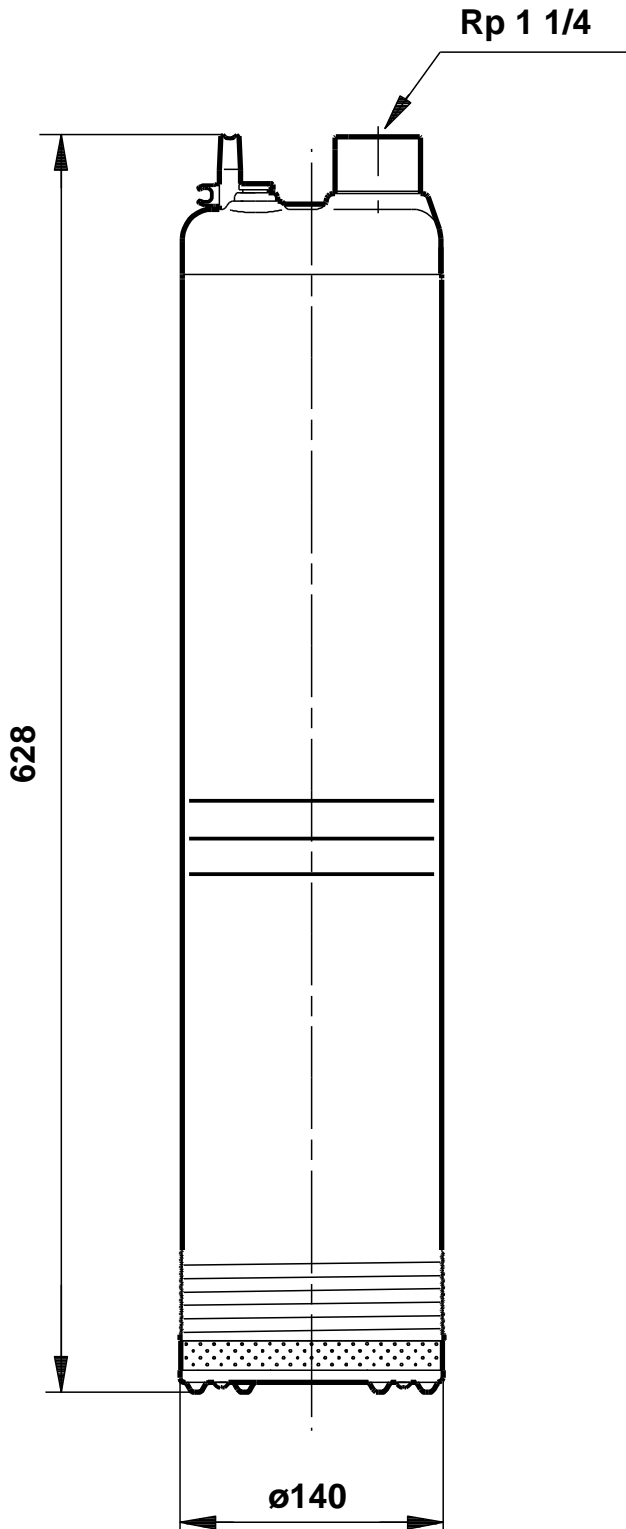
99386067 SB HF 5-70 50 Hz



Description	Value
General information:	
Product name:	SB HF 5-70
Product No:	99386067
EAN number:	5713828265470
Technical:	
Rated flow:	5 m ³ /h
Rated head:	47 m
Maximum head:	70 m
Impellers:	6
Max. Particle:	1 mm
Approvals:	CE, WEEE
Curve tolerance:	ISO9906:2012 3B
Return valve:	NO
Rated driver speed:	2800 rpm
Materials:	
Pump housing:	Stainless steel
Pump housing:	AISI 304
Impeller:	Stainless steel
Impeller:	AISI 304
Installation:	
Range of ambient temperature:	-10 .. 50 °C
Type of inlet connection:	STRAINER
Pump outlet:	G 1" 1/4
Maximum installation depth:	15 m
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
pH-value range:	4-9
Electrical data:	
Power input P1:	2 kW
Rated power - P2:	1.2 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-240 V
Rated current:	8.8 A
Capacitor size - run:	30 µF/420 V
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Built-in motor protection:	Y
Length of cable:	20 m
Cable type:	H07RN-F 3G1
Type of cable plug:	SCHUKO
Controls:	
Flow switch:	N
Others:	
Net weight:	20.9 kg
Gross weight:	22.9 kg
Shipping volume:	0.042 m ³
Swedish RSK No.:	5874520
Finnish LVI No.:	4822551
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Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.