

Qty.	Description
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1	SB 3-45 M
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Note! Product picture may differ from actual product

Product No.: [97686704](#)

Grundfos SB 3-45 M is a submersible pump designed for the pumping of clean water for domestic and rainwater applications. It is silent when submerged and therefore a noiseless alternative to surface-mounted pumps. The pump is built from high quality composite and stainless steel materials that are resistant to corrosion.

The SB 3-45 M is equipped with a 15 m supply cable, and the maximum installation depth is 10 m below the water level, with a liquid temperature ranging from 0 °C to 40 °C.

The SB 3-45 M is ideal for operation in a well or ground tanks, as it easily prevents solid particles from entering the pump. The maximum particle size is 1 mm.

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

The pump has built-in thermal protection, which immediately stops the pump if it overheats. Having cooled down, the pump automatically restarts when it reaches a normal temperature.

**Liquid:**

Pumped liquid:	Water
Liquid temperature range:	0 .. 40 °C
Selected liquid temperature:	20 °C

Qty.	Description
	<p>Density: 998.2 kg/m<sup>3</sup></p> <p><b>Technical:</b></p> <p>Rated flow: 2.83 m<sup>3</sup>/h            Rated head: 30.1 m            Max. Particle: 1 mm            Curve tolerance: ISO9906:2012 3B            Return valve: NO            Rated driver speed: 2800 rpm</p> <p><b>Materials:</b></p> <p>Pump housing: Composite            Impeller: Composite</p> <p><b>Installation:</b></p> <p>Range of ambient temperature: -10 .. 50 °C            Type of inlet connection: STRAINER            Pump outlet: G 1"            Maximum installation depth: 10 m</p> <p><b>Electrical data:</b></p> <p>Power input P1: 1.05 kW            Rated power - P2: 0.62 kW            Mains frequency: 50 Hz            Rated voltage: 1 x 220-240 V            Rated current: 4.8 A            Starting current: 12 A            Cos phi: 0.94            Capacitor size - run: 13 µF/450 V            Enclosure class (IEC 34-5): IP68            Insulation class (IEC 85): F            Built-in motor protection: YES            Length of cable: 15 m            Cable type: H07RN-F 3G1            Type of cable plug: SCHUKO</p> <p><b>Others:</b></p> <p>Net weight: 9.49 kg            Gross weight: 10.2 kg            Shipping volume: 0.022 m<sup>3</sup>            Danish VVS No.: 391360045            Swedish RSK No.: 5850349            Finnish LVI No.: 4822538            Norwegian NRF no.: 9041867            Approvals: CE,WEEE            Country of origin: HU            Custom tariff no.: 84137029</p>

Description	Value
<b>General information:</b>	
Product name:	SB 3-45 M
Product No:	97686704
EAN number:	5710621504157
	5710621504157
Price:	507,00 EUR
<b>Technical:</b>	
Rated flow:	2.83 m <sup>3</sup> /h
Rated head:	30.1 m
Maximum head:	45 m
Impellers:	4
Max. Particle:	1 mm
Curve tolerance:	ISO9906:2012 3B
Return valve:	NO
Rated driver speed:	2800 rpm
<b>Materials:</b>	
Pump housing:	Composite
Impeller:	Composite
<b>Installation:</b>	
Range of ambient temperature:	-10 .. 50 °C
Type of inlet connection:	STRAINER
Pump outlet:	G 1"
Maximum installation depth:	10 m
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	0 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
pH-value range:	4-9
<b>Electrical data:</b>	
Power input P1:	1.05 kW
Rated power - P2:	0.62 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-240 V
Rated current:	4.8 A
Starting current:	12 A
Cos phi:	0.94
Capacitor size - run:	13 µF/450 V
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Built-in motor protection:	YES
Length of cable:	15 m
Cable type:	H07RN-F 3G1
Type of cable plug:	SCHUKO
<b>Controls:</b>	
Flow switch:	N
<b>Others:</b>	
Net weight:	9.49 kg
Gross weight:	10.2 kg
Shipping volume:	0.022 m <sup>3</sup>
Danish VVS No.:	391360045
Swedish RSK No.:	5850349
Finnish LVI No.:	4822538
Norwegian NRF no.:	9041867
Approvals:	CE, WEEE
Country of origin:	HU
Custom tariff no.:	84137029

