

SBA3-45 MW 230V 50Hz 15m Schuko, GAS IT Grundfos pump 97896311



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<https://www.lenntech.com/grundfos/SBFAM/97896311/SBA-3-45-MW.html>

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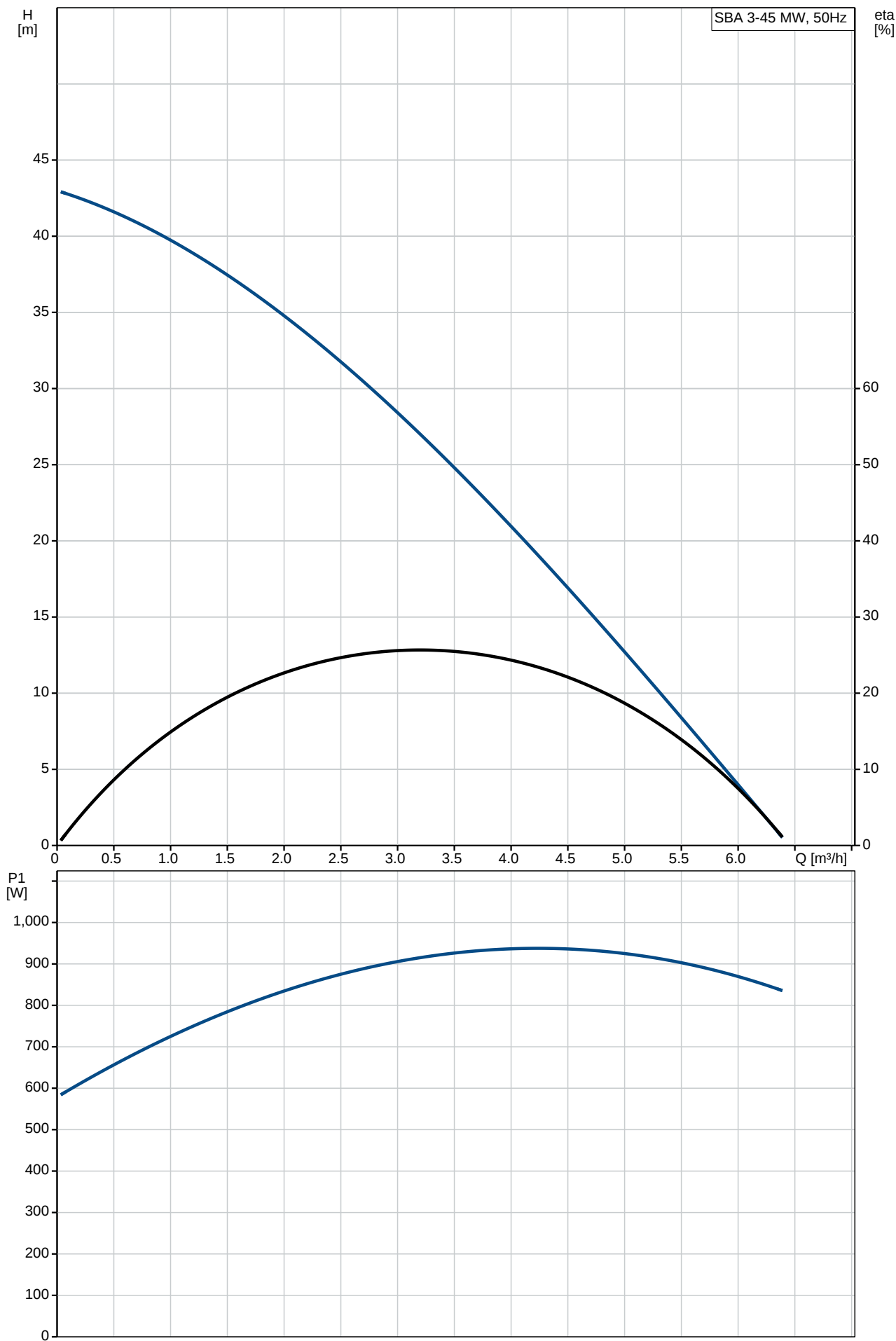
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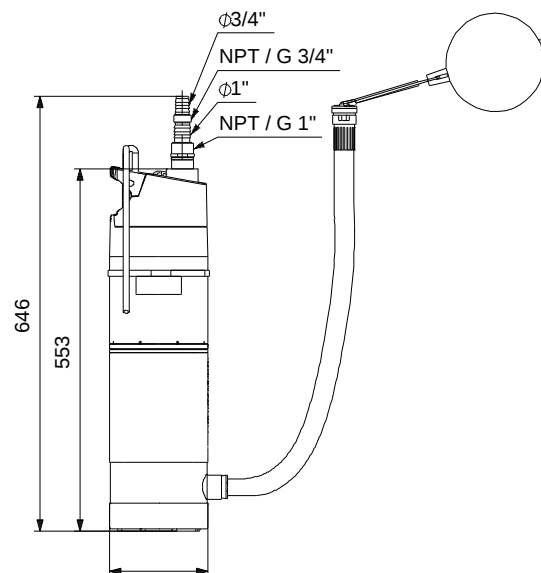
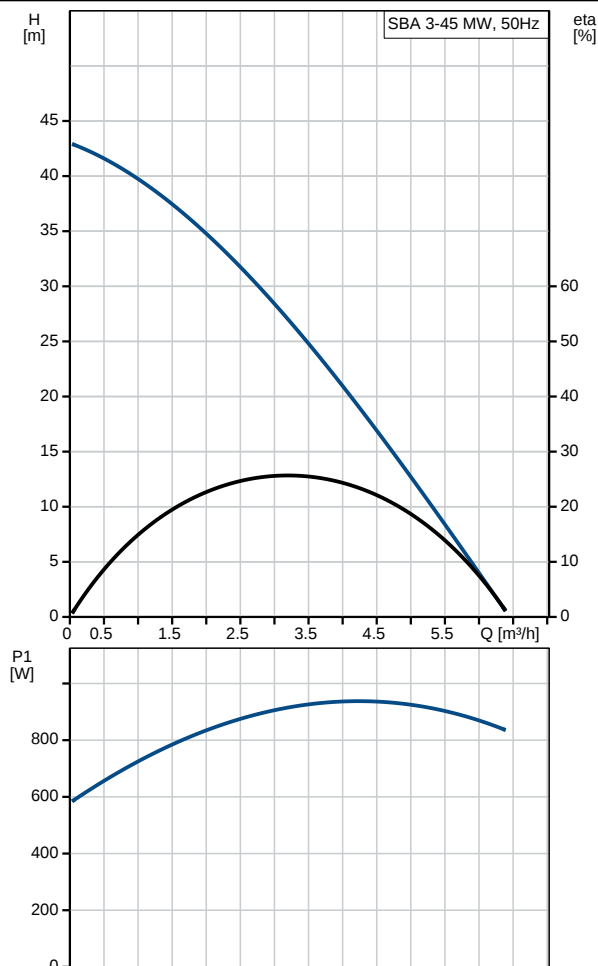
Position	Qty.	Description
	1	SBA 3-45 MW  Note! Product picture may differ from actual product Product No.: On request Grundfos SBA 3-45 MW is an all-in-one submersible booster designed for pumping clean water for domestic use. The SBA is built on the proven SB platform and comes with an integrated control unit. This eliminates the need for an external pump controller in the house. 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 SBA 3-45 MW 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 pump starts automatically when the pipe pressure falls below 2.2 bar. The SBA 3-45 MW 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 pump is equipped with a side inlet/flexible hose with floating suction strainer. 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 Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Technical: Rated flow: 2.83 m³/h Rated head: 30.1 m Max. Particle: 1 mm Curve tolerance: ISO9906:2012 3B Return valve: YES Rated driver speed: 2800 rpm Materials: Pump housing: Composite Impeller: Composite Installation: Range of ambient temperature: -10 .. 50 °C Type of inlet connection: FLOATING STRAINER Pump outlet: G 1" Maximum installation depth: 10 m Electrical data:

Position	Qty.	Description
		Motor protec: YES Insulation: F Power input P1: 1.05 kW Mains frequency: 50 Hz Rated voltage: 220-240 V I start: 12 A Cos phi: 0.94 Capacitor size - run: 13 µF/450 V Enclosure class (IEC 34-5): IP68 Length of cable: 15 m Cable type: H07RN-F 3G1 Type of cable plug: SCHUKO P2: 0.62 kW Rated current: 4.8 A Others: Net weight: 9.63 kg Gross weight: 10.4 kg Shipping volume: 0.031 m³ Danish VVS No.: 391369045 Swedish RSK No.: 5850422 Finnish: LVI NO 4822547 Norwegian NRF no.: 9041877 Approvals: CE,VDE,WEEE

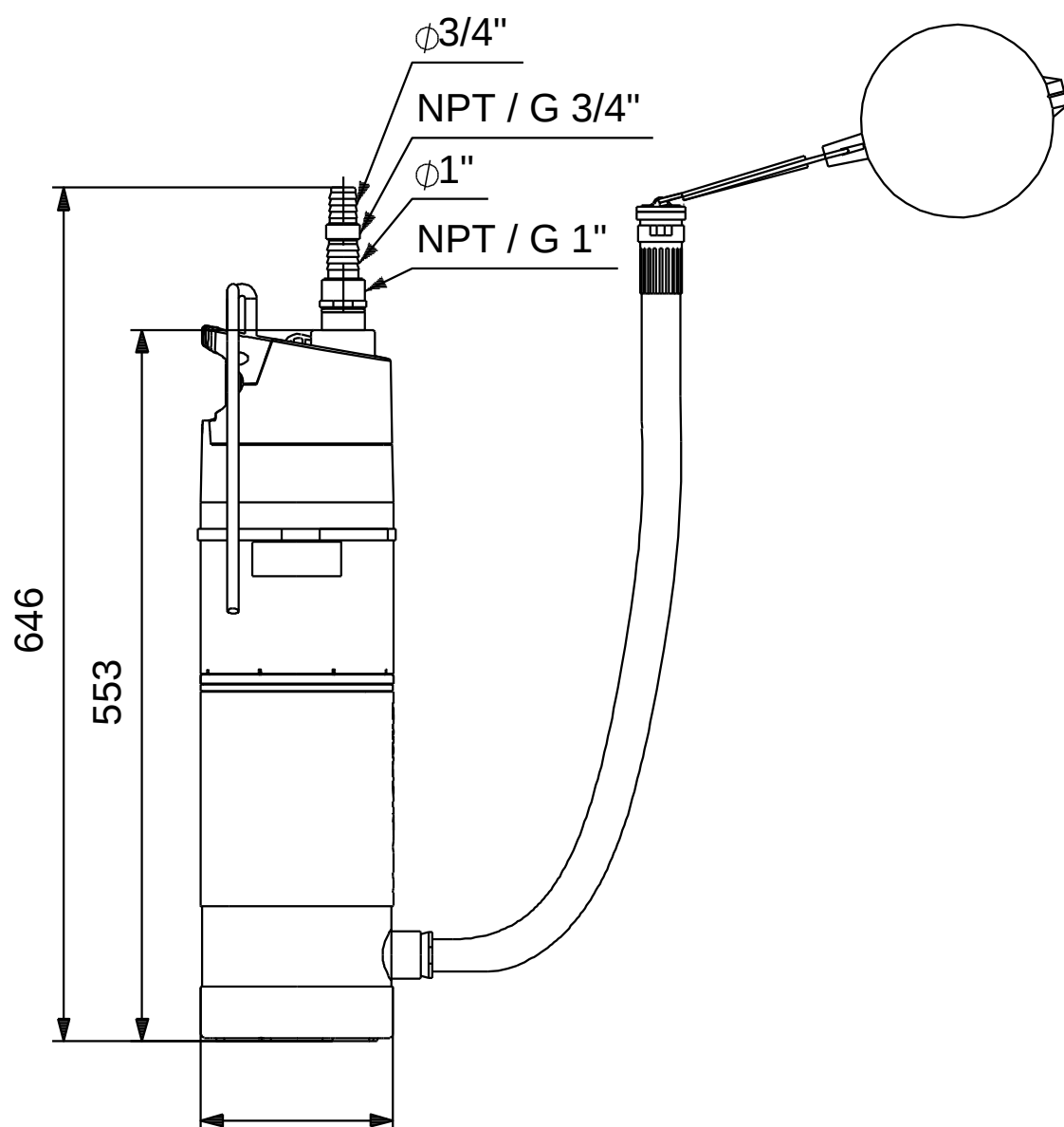
On request SBA 3-45 MW 50 Hz



Description	Value
General information:	
Product name:	SBA 3-45 MW
Product No:	On request
EAN number:	On request
Technical:	
Rated flow:	2.83 m³/h
Rated head:	30.1 m
Impellers:	4
Max. Particle:	1 mm
Curve tolerance:	ISO9906:2012 3B
Return valve:	YES
Rated driver speed:	2800 rpm
Materials:	
Pump housing:	Composite
Impeller:	Composite
Installation:	
Range of ambient temperature:	-10 .. 50 °C
Type of inlet connection:	FLOATING STRAINER
Pump outlet:	G 1"
Maximum installation depth:	10 m
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 40 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
pH-value range:	4-9
Electrical data:	
Motor protec:	YES
Insulation:	F
Power input P1:	1.05 kW
Mains frequency:	50 Hz
Rated voltage:	220-240 V
I start:	12 A
Cos phi:	0.94
Capacitor size - run:	13 µF/450 V
Enclosure class (IEC 34-5):	IP68
Length of cable:	15 m
Cable type:	H07RN-F 3G1
Type of cable plug:	SCHUKO
P2:	0.62 kW
Rated current:	4.8 A
Controls:	
Flow switch:	N
Others:	
Net weight:	9.63 kg
Gross weight:	10.4 kg
Shipping volume:	0.031 m³
Danish VVS No.:	391369045
Swedish RSK No.:	5850422
Finnish:	LVI NO 4822547
Norwegian NRF no.:	9041877
Approvals:	CE,VDE,WEEE



On request SBA 3-45 MW 50 Hz



Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

Exploded view



Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view (TM057026 for MGE model H/I)



Disclaimer: The information about the Grundfos pump in this document may be outdated.

Data may be subject to alterations without further notice.

Please contact us to verify the data above is still accurate/up-to-date.

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