

Company name: MJ Abbott Ltd Created by: Phone:

Date:

16/08/2019

Qty. | Description

1



Note! Product picture may differ from actual product

Product No.: 99458789

Grundfos JP 4-54 S-BBVP is a self-priming single-stage centrifugal jet pump with axial inlet and radial outlet for easy adaption to local piping system. The JP pump is ideal for transferring water from wells or ground tanks in a large variety of installations and it has excellent suction capacity.

The JP pump is designed for a long and trouble-free operation. The overall design is robust with excellent corrosion resistance ensured by the stainless steel pump housing, composite impeller and paint application by electrophoresis. JP is small and compact with a lifting handle that makes the pump handy and easy to carry. The compact pump features a build in ejector with guide vanes. This ensures optimum self-priming properties, featuring a suction-lift up to 8 meters. The self-priming pump also ensures a stable operation as is it able to lift liquid from below the inlet level and can handle a mix of air and liquid until the pump reaches a fully-primed pumping condition.

The JP pump has built-in thermal protection, which immediately stops the pump if it overheats. The motor is air cooled and equipped with oversized, sealed, greased-for-life ball bearings to ensure silent operation and minimum service.

Liquid:

Pumped liquid:WaterLiquid temperature range:0 .. 40 °CSelected liquid temperature:20 °CDensity at selected liquid temperature:998.2 kg/m³

Technical:

Capacitor size - run: Enclosure class (IEC 34-5):

Type of cable plug:

Insulation class (IEC 85):

Rated flow:	4 m³/h
Primary shaft seal:	BBVP
Approvals on nameplate:	CE
Curve tolerance:	ISO9906:2012 3B
Rated driver speed:	2800 rpm
Rated driver speed.	2000 1011
Materials:	
Pump housing:	Stainless steel
	EN 1.4301
	AISI 304
Impeller:	Composite
Installation:	
Range of ambient temperature:	0 40 °C
Maximum operating pressure:	
Maximum permissible inlet press	sure: 1 bar
Pump inlet:	G1
Pump outlet:	G1
Electrical data:	
Power input - P1:	1130 W
P2:	0.746 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 230 V
Rated current:	5.1 A
Starting current:	17.8 A
Capacitor size - run:	16 µF/450 V

IP44

F

UK



m³

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	Others:	
	Net weight:	11 kg
	Gross weight:	12 kg
	Net weight: Gross weight: Shipping volume:	0.026



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Description	Value	н [m]	JP 4-54, 50Hz
General information:	Value		
Product name:	JP 4-54 S-BBVP	56 -	
Product No:	99458789	54 -	
EAN number:	5713829460317	52 -	
	5713829460317		
Technical:	0110020400011	50 -	
Rated flow:	4 m³/h	48 -	
Head max:	50 m	46 -	
Primary shaft seal:	BBVP	44 -	
Approvals on nameplate:	CE	42 -	
Curve tolerance:	ISO9906:2012 3B		
Model:	A	40 -	
Rated driver speed:	2800 rpm	38 -	
Materials:	2000 1911	36 -	
Pump housing:	Stainless steel	34 -	
r amp nousing.	EN 1.4301		
	AISI 304	32 -	
Impeller:	Composite	30 -	
Material code:	S	28 -	
Installation:	0	26 -	
Range of ambient temperature:	0 40 °C		
Maximum operating pressure:	6 bar	24 -	
Maximum permissible inlet pressure:	1 bar	22	
Pump inlet:	G1	20 -	
Pump outlet:	G1	18 -	
Liquid:	61	16 -	
Pumped liquid:	Water		
Liquid temperature range:	0 40 °C	14 -	
Selected liquid temperature:	20 °C	12 -	
Density at selected liquid temperature:	998.2 kg/m ³	10 -	
Electrical data:	550.2 Kg/m	8 -	
Power input - P1:	1130 W		
P2:	0.746 kW	6 -	
Mains frequency:	50 Hz	4	
Rated voltage:	1 x 230 V	2	
Rated current:	5.1 A	0	
Starting current:	17.8 A	0 0.	5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 Q [m³/h]
Capacitor size - run:	16 µF/450 V		
Enclosure class (IEC 34-5):	IP44		
Insulation class (IEC 85):	F		
	UK		
Type of cable plug: Cable:	Y		
Cable.	ť		
Presscontrol:	without press control		
Switch:	on/off switch not included		
Others:	44.1		
Net weight:	11 kg		
Gross weight:	12 kg		
Shipping volume:	0.026 m ³		



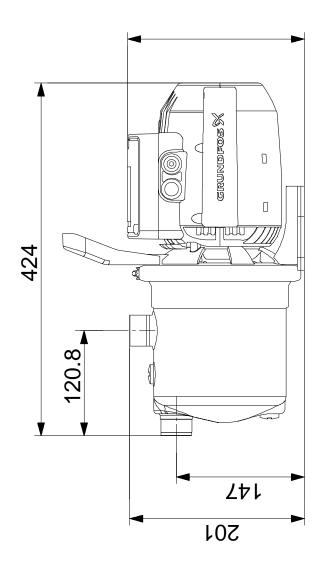
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99458789 JP 4-54 S-BBVP 50 Hz

186 186 278



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