

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

DIAPHRAGM PUMP

52 Series DC Diaphragm Pump

52 Series DC Diaphragm Pump General description: 12V/24V 3.0-20.0LPM 17-70PSI The 52-Series is our Heavy-Duty water pump. It provides high volume water flow with reduced pump cycling, thanks t...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Diaphragm Pump
Standard	DIN
Weight / Size	PUMP Type 5?Chamber positive displacement diaphragm pump, self priming, ...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.



Technical Specifications

Category	Diaphragm Pump	Model / SKU	52-Series-DC-Diaphragm-Pump
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Standard	DIN	Weight / Size
		<p>PUMP Type 5?Chamber positive displacement diaphragm pump, self priming, capable of being run dry Control Type Pressure switch Max Recommended Temperature 60° C (140° F) Priming Capabilities 6?feet (1.8 m) suction lift Re-start Pressure Shut-off Pressure 60 PSI : 48 PSI ±5 PSI (±0.3 bar) Shut-off Pressure70 PSI : 56 PSI ±5 PSI (±0.3 bar) Inlet/Outlet Ports QUICK ATTACH Weight 5.9 lbs (2.7 kg) MOTOR Leads 14 AWG,?13" (33cm) long with 2-Pin connector/Leads Duty Cycle Continuous Max.Amp Draw 18.0?A Fuse 27.0?A STANDARD PUMP CONFIGURATIONS Model Voltage Open Flow (GPM/LPM) Control Type Max Draw Shut-off Pressure (PSI/BAR) Valves Diaphragm Ports Wire Connections SFDP1-030-060-52 12V 3.0 / 11.5 Switch 10.0A 60 / 4.2 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP2-030-060-52 24V 3.0 / 11.5 Switch 5.5A 60 / 4.2 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP1-040-060-52 12V 4.0 / 15.0 Switch 13.0A 60 / 4.2 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP2-040-060-52 24V 4.0 / 15.0 Switch 7.0A 60 / 4.2 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP1-050-060-52 12V 5.0 / 18.9 Switch 17.0A 60 / 4.2 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP2-050-060-52 24V 5.0 / 18.9 Switch 9.0A 60 / 4.2 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP1-050-070-52 12V 5.0 / 18.9 Switch 18.0A 70?/ 4.8 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP2-050-070-52 24V 5.0 / 18.9 Switch 10.0A 70?/ 4.8 EPDM Santoprene QUICK ATTACH 2-Pin/Leads</p>

Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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52 Series DC Diaphragm Pump



General description:

12V/24V 3.0-20.0LPM 17-70PSI

The 52-Series is our Heavy-Duty water pump. It provides high volume water flow with reduced pump cycling, thanks to the large five-chamber diaphragm. Quick Attach Fittings make installation or replacement easy. These models are designed to run on water systems with no accumulator tank necessary, and up to five fixtures! It is also suited for use with a holding tank water system, as may be found in a boat, RV or remote cabin. It provides up to 5.0 gallons per minute. The 52-Series pumps are self-priming, and can run dry without damage, performance reliable. This automatic demand water system pump has a built-in pressure switch, which automatically starts and stops and stops the pump when the faucet is opened and closed. They are easy to install service and winterize.

Parameter pump and motor:

PUMP	
Type	5-Chamber positive displacement diaphragm pump, self priming, capable of being run dry
Control Type	Pressure switch
Max Recommended Temperature	60° C (140° F)
Priming Capabilities	6-feet (1.8 m) suction lift
Re-start Pressure	Shut-off Pressure 60 PSI : 48 PSI ±5 PSI (±0.3 bar) Shut-off Pressure 70 PSI : 56 PSI ±5 PSI (±0.3 bar)
Inlet/Outlet Ports	QUICK ATTACH



Weight	5.9 lbs (2.7 kg)
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MOTOR	
Leads	14 AWG, ?13" (33cm) long with 2-Pin connector/Leads
Duty Cycle	Continuous
Max.Amp Draw	18.0?A
Fuse	27.0?A

STANDARD PUMP CONFIGURATIONS

Model	Volta ge	Open Flow (GPM/LP M)	Control Type	Max Draw	Shut-off Pressure (PSI/BAR)	Valve s	Diaphrag m	Ports	Wire Connections
SFDP1-030-060-52	12V	3.0 / 11.5	Switch	10.0A	60 / 4.2	EPD M	Santopre ne	QUICK ATTACH	2-Pin/Leads
SFDP2-030-060-52	24V	3.0 / 11.5	Switch	5.5A	60 / 4.2	EPD M	Santopre ne	QUICK ATTACH	2-Pin/Leads
SFDP1-040-060-52	12V	4.0 / 15.0	Switch	13.0A	60 / 4.2	EPD M	Santopre ne	QUICK ATTACH	2-Pin/Leads
SFDP2-040-060-52	24V	4.0 / 15.0	Switch	7.0A	60 / 4.2	EPD M	Santopre ne	QUICK ATTACH	2-Pin/Leads
SFDP1-050-060-52	12V	5.0 / 18.9	Switch	17.0A	60 / 4.2	EPD M	Santopre ne	QUICK ATTACH	2-Pin/Leads
SFDP2-050-060-52	24V	5.0 / 18.9	Switch	9.0A	60 / 4.2	EPD M	Santopre ne	QUICK ATTACH	2-Pin/Leads
SFDP1-050-070-52	12V	5.0 / 18.9	Switch	18.0A	70?/ 4.8	EPD M	Santopre ne	QUICK ATTACH	2-Pin/Leads
SFDP2-050-070-52	24V	5.0 / 18.9	Switch	10.0A	70?/ 4.8	EPD M	Santopre ne	QUICK ATTACH	2-Pin/Leads