

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

DIAPHRAGM PUMP

54 Series DC Diaphragm Pump

54 Series DC Diaphragm Pump General description: 12V/24V 3.0-20.0LPM 17-70PSI The 54-Series is our Heavy-Duty water pump. It provides high volume water flow with reduced pump cycling, 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	54-Series-DC-Diaphragm-Pump
Standard	DIN	Weight / Size	<p>PUMP Type 5 Chamber positive displacement diaphragm pump, self priming, capable of being run dry Control Type Pressure switch & By pass control 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) Inlet/Outlet Ports 1/2"-14 MNPT Weight 5.5 lbs (2.5 kg) MOTOR Leads 14 AWG, 9.4" (24cm) long with 2-Pin connector/Leads Duty Cycle Continuous Max.Amp Draw 17.0 A Fuse 25.5 A STANDARD PUMP CONFIGURATIONS Model Voltage Open Flow (GPM/LPM) Control Type Max Draw Shut-off Pressure (PSI/BAR) Valves Diaphragm Ports Wire Connections SFDP1-030-060-54 12V 3.0 / 11.5 switch & By pass 12.0A 60 / 4.2 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads SFDP2-030-060-54 24V 3.0 / 11.5 switch & By pass 6.0A 60 / 4.2 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads SFDP1-040-060-54 12V 4.0 / 15.0 switch & By pass 15.0A 60 / 4.2 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads SFDP2-040-060-54 24V 4.0 / 15.0 switch & By pass 7.0A 60 / 4.2 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads SFDP1-050-060-54 12V 5.0 / 18.9 switch & By pass 17.0A 60 / 4.2 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads SFDP2-050-060-54 24V 5.0 / 18.9 switch & By pass 9.0A 60 / 4.2 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads Consult factory for other available models.</p>
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise



Origin	China
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54 Series DC Diaphragm Pump



General description:

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

The 54-Series is our Heavy-Duty water pump. It provides high volume water flow with reduced pump cycling, thanks to the large five-chamber diaphragm. 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, all are fitted with a built-in pulsation dampening by-pass to control unwanted cycling and noise. The 54-Series pumps are self-priming, and can run dry without damage, performance reliable and low current. This automatic demand water system pump has a built-in pressure switch, which automatically starts 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 & By pass control
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)
Inlet/Outlet Ports	1/2"-14 MNPT
Weight	5.5 lbs (2.5 kg)



MOTOR	
Leads	14 AWG, 9.4" (24cm) long with 2-Pin connector/Leads
Duty Cycle	Continuous
Max.Amp Draw	17.0 A
Fuse	25.5 A

STANDARD PUMP CONFIGURATIONS

Model	Voltage	Open Flow (GPM/LPM)	Control Type	Max Draw	Shut-off Pressure (PSI/BAR)	Valves	Diaphragm	Ports	Wire Connections
SFDP1-030-060-54	12V	3.0 / 11.5	switch & Bypass	12.0A	60 / 4.2	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads
SFDP2-030-060-54	24V	3.0 / 11.5	switch & Bypass	6.0A	60 / 4.2	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads
SFDP1-040-060-54	12V	4.0 / 15.0	switch & Bypass	15.0A	60 / 4.2	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads
SFDP2-040-060-54	24V	4.0 / 15.0	switch & Bypass	7.0A	60 / 4.2	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads
SFDP1-050-060-54	12V	5.0 / 18.9	switch & Bypass	17.0A	60 / 4.2	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads
SFDP2-050-060-54	24V	5.0 / 18.9	switch & Bypass	9.0A	60 / 4.2	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads

Consult factory for other available models.