

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

DIAPHRAGM PUMP

Diaphragm Pump - 31 Series DC

Diaphragm Pump -31 Series DC General description: 12V/24V 2.0-8.0LPM 17-160PSI The 31-Series is our continuous-duty on-demand positive displacement pump. It provides reliable performance in mo...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Diaphragm Pump
Standard	EN
Weight / Size	PUMP Type 3 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	Diaphragm-Pump-31-Series-DC
Standard	EN	Weight / Size	PUMP Type 3 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 80PSI : 65 PSI ±5 PSI (±0.3 bar) Inlet/Outlet Ports 3/8"-18 FNPT Weight 5.0 lbs (2.3 kg) MOTOR Leads 16 AWG, 13" (33cm) long with 2-Pin connector/Leads Duty Cycle Continuous Max.Amp Draw 9.0 A Fuse 13.5 A STANDARD PUMP CONFIGURATIONS Model Voltage Open Flow (GPM/LPM) Control Type Max Draw Shut-off Pressure (PSI/BAR) Valves Diaphragm Ports Wire Connections SFDP1-015-080-31 12V 1.5 / 5.5 Switch 8.0 80 / 5.5 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads SFDP2-015-080-31 24V 1.5 / 5.5 Switch 4.5 80 / 5.5 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads SFDP1-018-080-31 12V 1.8 / 7.0 Switch 9.0 80 / 5.5 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads SFDP2-018-080-31 24V 1.8 / 7.0 Switch 4.5 80 / 5.5 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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	■ Parameter pump and motor:	■ STANDARD PUMP CONFIGURATIONS

China Diaphragm Pump - 31 Series DC: Diaphragm Pump -31 Series DC





General description:

12V/24V 2.0-8.0LPM 17-160PSI

The 31-Series is our continuous-duty on-demand positive displacement pump. It provides reliable performance in moderate water flow, high-pressure applications. This 3-chamber diaphragm pump provides up to 1.8 gallons per minute and is capable of self-priming up to 6 vertical feet, and can run dry without damage. Miniature multi outlet water pressure pump serves 1 or 2 3/8" (10 mm) outlets at any one time. This automatic demand water system pump has a built-in pressure switch, which automatically starts and stops when the fixture is opened and closed. They are easy to install, service and winterize.

Parameter pump and motor:

PUMP	
Type	3 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 80PSI : 65 PSI ±5 PSI (±0.3 bar)
Inlet/Outlet Ports	3/8"-18 FNPT
Weight	5.0 lbs (2.3 kg)

MOTOR	
Leads	16 AWG, 13" (33cm) long with 2-Pin connector/Leads
Duty Cycle	Continuous
Max.Amp Draw	9.0 A
Fuse	13.5 A

STANDARD PUMP CONFIGURATIONS

Model	Voltage	Open Flow (GPM/LPM)	Control Type	Max Draw	Shut-off Pressure (PSI/BAR)	Valves	Diaphragm	Ports	Wire Connections
SFDP1-015-080-31	12V	1.5 / 5.5	Switch	8.0	80 / 5.5	EPDM	Santoprene	3/8"-18 FNPT	2-Pin/Leads
SFDP2-015-080-31	24V	1.5 / 5.5	Switch	4.5	80 / 5.5	EPDM	Santoprene	3/8"-18 FNPT	2-Pin/Leads
SFDP1-018-080-31	12V	1.8 / 7.0	Switch	9.0	80 / 5.5	EPDM	Santoprene	3/8"-18 FNPT	2-Pin/Leads
SFDP2-018-080-31	24V	1.8 / 7.0	Switch	4.5	80 / 5.5	EPDM	Santoprene	3/8"-18 FNPT	2-Pin/Leads