

DIAPHRAGM PUMP

43 Series DC Diaphragm Pump

43 Series DC Diaphragm Pump General description: 12V/24V 3.0-11.3LPM 17-60PSI The 43-Series pumps are designed for vessels requiring a smooth low flow, 12 or 24 volt DC pump at an attra...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Diaphragm Pump
Standard	EN
Weight / Size	41 PSI ±5 PSI (±0.3 bar) Inlet/Outlet Ports QUICK ATTACH Weight 4.3 lbs ...
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	43-Series-DC-Diaphragm-Pump
Standard	EN	Weight / Size	41 PSI $\pm$ 5 PSI ($\pm$ 0.3 bar) Inlet/Outlet Ports QUICK ATTACH Weight 4.3 lbs (2.0 kg) MOTOR Leads 16 AWG, 13" (33cm) long with 2-Pin connector/Leads Duty Cycle Intermittent Max.Amp Draw 7.5 A Fuse 11.3 A STANDARD PUMP CONFIGURATIONS Model Voltage Open Flow (GPM/LPM) Control Type Max Draw Shut-off Pressure (PSI/BAR) Valves Diaphragm Ports Wire Connections SFDP1-030-055-43 12V 3.0 / 11.3 switch & By pass 7.5 A 55 / 3.8 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP2-030-055-43 24V 3.0 / 11.3 switch & By pass 4.0 A 55 / 3.8 EPDM Santoprene QUICK ATTACH 2-Pin/Leads Consult factory for other available models.
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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43 Series DC Diaphragm Pump



General description:

12V/24V 3.0-11.3LPM 17-60PSI

The 43-Series pumps are designed for vessels requiring a smooth low flow, 12 or 24 volt DC pump at an attractive low price. These new pumps are internally grounded, four chamber diaphragm on-demand pumps with the performance characteristics to match the needs of a typical vessel with a shower, water heater and up to three faucets. It provides up to 3 gpm (11.3 lpm), all are fitted with a built-in pulsation dampening by-pass to control unwanted cycling and noise. We include quick-connect fittings for ease of pump installation. The new 43-series pumps provide exceptional flow and consistent water pressure to easily handle the demand of multiple outlets at one time. When onboard appliances are activated, the built in bypass design re-circulates back pressure into the pump to reduce cycling resulting in a quieter and smoother flow.

Parameter pump and motor:

PUMP	
Type	4 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 55PSI : 41 PSI ±5 PSI (±0.3 bar)
Inlet/Outlet Ports	QUICK ATTACH
Weight	4.3 lbs (2.0 kg)

MOTOR	
Leads	16 AWG, 13" (33cm) long with 2-Pin connector/Leads
Duty Cycle	Intermittent
Max.Amp Draw	7.5 A
Fuse	11.3 A



STANDARD PUMP CONFIGURATIONS

Model	Volta ge	Open Flow (GPM/L PM)	Control Type	Max Draw	Shut-off Pressure (PSI/BAR)	Valv es	Diaphra gm	Ports	Wire Connections
SFDP1-030-055-43	12V	3.0 / 11.3	switch & By pass	7.5 A	55 / 3.8	EPD M	Santopr ene	QUICK ATTACH	2-Pin/Leads
SFDP2-030-055-43	24V	3.0 / 11.3	switch & By pass	4.0 A	55 / 3.8	EPD M	Santopr ene	QUICK ATTACH	2-Pin/Leads

Consult factory for other available models.