

DIAPHRAGM PUMP

41 Series DC Diaphragm Pumps

41 Series DC Diaphragm Pumps General description: 12V/24V 3.0-17.0LPM 17-60PSI The 41-Series pump provides high volume water flow with reduced pump cycling, thanks to the quad chamber diaphragm...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Diaphragm Pump
Standard	DIN
Weight / Size	PUMP Type 4 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	41-Series-DC-Diaphragm-Pumps
Standard	DIN	Weight / Size	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 17 PSI : 9 PSI ±5 PSI(±0.3 bar) Shut-off Pressure 35 PSI : 25 PSI ±5 PSI(±0.3 bar) Inlet/Outlet Ports QUICK ATTACH Weight 3.9 lbs (1.8 kg) MOTOR Leads 16 AWG, 11" (28cm) long with 2-Pin connector/Leads Duty Cycle Intermittent Max.Amp Draw 8.0 A Fuse 12.0 A STANDARD PUMP CONFIGURATIONS Model Voltage Open Flow (GPM/LPM) Control Type Max Draw Shut-off Pressure (PSI/BAR) Valves Diaphragm Ports Wire Connections SFDP1-027-017-41 12V 2.7 / 10.0 switch & By pass 4.5A 17 / 1.2 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP2-027-017-41 24V 2.7 / 10.0 switch & By pass 2.0A 17 / 1.2 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP1-033-035-41 12V 3.3 / 12.5 switch & By pass 8.0 A 35 / 2.4 EPDM Santoprene QUICK ATTACH 2-Pin/Leads SFDP2-033-035-41 24V 3.3 / 12.5 switch & By pass 4.0 A 35 / 2.4 EPDM Santoprene QUICK ATTACH 2-Pin/Leads
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS	■ 41 Series DC Diaphragm Pumps	■ General description:
	■ Parameter pump and motor:	■ STANDARD PUMP CONFIGURATIONS

41 Series DC Diaphragm Pumps



General description:

12V/24V 3.0-17.0LPM 17-60PSI

The 41-Series pump provides high volume water flow with reduced pump cycling, thanks to the quad chamber diaphragm and internal bypass. These models are designed to run on water systems with no accumulator tank necessary, and up to five outlets. 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 3.3 gallons per minute, suitable in a system of up to five fixtures. The 41-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 faucet is opened and closed. They're easy to install, service and winterize with quick snap-in port fittings.

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 17 PSI : 9 PSI $\pm$ 5 PSI($\pm$ 0.3 bar) Shut-off Pressure 35 PSI : 25 PSI $\pm$ 5 PSI($\pm$ 0.3 bar)
Inlet/Outlet Ports	QUICK ATTACH
Weight	3.9 lbs (1.8 kg)

MOTOR	
Leads	16 AWG, 11" (28cm) long with 2-Pin connector/Leads
Duty Cycle	Intermittent
Max.Amp Draw	8.0 A
Fuse	12.0 A

STANDARD PUMP CONFIGURATIONS

Model	Voltage	Open Flow (GPM/LPM)	Control Type	Max Draw	Shut-off Pressure (PSI/BAR)	Valves	Diaphragm	Ports	Wire Connections
SFDP1-027-017-41	12V	2.7 / 10.0	switch & Bypass	4.5A	17 / 1.2	EPDM	Santoprene	QUICK ATTACH	2-Pin/Leads
SFDP2-027-017-41	24V	2.7 / 10.0	switch & Bypass	2.0A	17 / 1.2	EPDM	Santoprene	QUICK ATTACH	2-Pin/Leads
SFDP1-033-035-41	12V	3.3 / 12.5	switch & Bypass	8.0 A	35 / 2.4	EPDM	Santoprene	QUICK ATTACH	2-Pin/Leads
SFDP2-033-035-41	24V	3.3 / 12.5	switch & Bypass	4.0 A	35 / 2.4	EPDM	Santoprene	QUICK ATTACH	2-Pin/Leads