

DIAPHRAGM PUMP

33 Series DC Diaphragm Pump

33 Series DC Diaphragm Pump General description: 12V/24V 3.0-13.2LPM 17-60PSI The 33-Series is our general-duty on-demand positive displacement pump. It provides reliable performance in...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Diaphragm Pump
Standard	EN
Weight / Size	35 PSI ±5 PSI (±0.3 bar) Inlet/Outlet Ports 1/2"-14 MNPT Weight 4.2 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	33-Series-DC-Diaphragm-Pump
Standard	EN	Weight / Size	35 PSI ±5 PSI (±0.3 bar) Inlet/Outlet Ports 1/2"-14 MNPT Weight 4.2 lbs (1.9 kg) MOTOR Leads 16 AWG, 13" (33cm) 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 SFDP1-030-045-33 12V 3.0 / 11.6 Switch 8.0A 45 / 3.1 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads SFDP2-030-045-33 24V 3.0 / 11.6 Switch 4.0A 45 / 3.1 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads SFDP1-028-045-33 12V 2.8 / 10.6 Switch 6.0A 45 / 3.1 EPDM Santoprene 1/2"-14 MNPT 2-Pin/Leads SFDP2-028-045-33 24V 2.8 / 10.6 Switch 3.5A 45 / 3.1 EPDM Santoprene 1/2"-14 MNPT 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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33 Series DC Diaphragm Pump



General description:

12V/24V 3.0-13.2LPM 17-60PSI

The 33-Series is our general-duty on-demand positive displacement pump. It provides reliable performance in high water flow, moderate pressure applications. This 3-chamber diaphragm pump provides up to 3.0 gallons per minute and is capable of self-priming up to 6 vertical feet, and can run dry without damage. Serves 3 or more 1/2" (13 mm) outlets. This automatic demand water system pump has a built-in pressure switch, which automatically starts and stops when the faucet is opened and closed. They're 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 45PSI : 35 PSI ±5 PSI (±0.3 bar)
Inlet/Outlet Ports	1/2"-14 MNPT
Weight	4.2 lbs (1.9 kg)

MOTOR	
Leads	16 AWG, 13" (33cm) 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
SFDP1-030-045-33	12V	3.0 / 11.6	Switch	8.0A	45 / 3.1	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads
SFDP2-030-045-33	24V	3.0 / 11.6	Switch	4.0A	45 / 3.1	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads
SFDP1-028-045-33	12V	2.8 / 10.6	Switch	6.0A	45 / 3.1	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads
SFDP2-028-045-33	24V	2.8 / 10.6	Switch	3.5A	45 / 3.1	EPDM	Santoprene	1/2"-14 MNPT	2-Pin/Leads