

DIAPHRAGM PUMP

Diaphragm Pump - 21 Series DC

Diaphragm Pump - 21 Series DC General description 12V/24V 2.0-4.3LPM 17-80PSI The 21-Series Pumps are compact and designed for a wide range of applications including liquid transfer, s...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Diaphragm Pump
Standard	DIN
Weight / Size	56 PSI ±5 PSI (±0.3 bar) Inlet/Outlet Ports 3/8" (10mm) hose barb Weight...
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-21-Series-DC
Standard	DIN	Weight / Size	56 PSI ±5 PSI (±0.3 bar) Inlet/Outlet Ports 3/8" (10mm) hose barb Weight 1.3 lbs (0.6 kg) MOTOR Leads 18 AWG, 14" (35cm) long with 2-Pin connector/Leads Duty Cycle Intermittent Max.Amp Draw 4.0 A Fuse 6.0 A STANDARD PUMP CONFIGURATIONS Model Voltage Open Flow (GPM/LPM) Control Type Max Draw Shut-off Pressure (PSI/BAR) Valves Diaphragm Ports Wire Connections SFDP1-010-040-21 12V 1.0 / 3.8 Switch 4.0A 40 / 2.8 EPDM Santoprene 3/8" Barb 2- Pin/Leads SFDP2-010-040-21 24V 1.0 / 3.8 Switch 2.0A 40 / 2.8 EPDM Santoprene 3/8" Barb 2- Pin/Leads SFDP1-011-070-21 12V 1.1 / 4.0 Switch 4.0A 70 / 4.8 EPDM Santoprene 3/8" Barb 2- Pin/Leads SFDP1-012-035-21 12V 1.2 / 4.3 Switch 4.0A 35 / 2.4 EPDM Santoprene 3/8" Barb 2- Pin/Leads SFDP2-012-035-21 24V 1.2 / 4.3 Switch 2.0A 35 / 2.4 EPDM Santoprene 3/8" Barb 2- Pin/Leads
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS	■ Diaphragm Pump - 21 Series DC ■ Pump and motor parameter:	■ General description ■ STANDARD PUMP CONFIGURATIONS
----------	---	--

Diaphragm Pump - 21 Series DC



General description

12V/24V 2.0-4.3LPM 17-80PSI

The 21-Series Pumps are compact and designed for a wide range of applications including liquid transfer, spraying, circulation, filtration and dispensing. The 21-series of diaphragm pumps are self-priming and can be run dry without harm. It provides up to 1.2 gallons per minute. Miniature multi outlet water pressure pump serves 1 or 2 3/8" (10 mm) outlets at any one time. This compact automatic demand water system pump has a built-in pressure switch, which automatically starts and stops the pump when faucet is opened and closed.

Pump and motor parameter:

PUMP	
Type	2 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	4 feet (1.2 m) suction lift
Re-start Pressure	Shut-off Pressure35 PSI: 25 PSI ±5 PSI (±0.3 bar) Shut-off Pressure40 PSI: 30 PSI ±5 PSI (±0.3 bar) Shut-offPressure70 PSI: 56 PSI ±5 PSI (±0.3 bar)
Inlet/Outlet Ports	3/8" (10mm) hose barb
Weight	1.3 lbs (0.6 kg)

MOTOR	
Leads	18 AWG, 14" (35cm) long with 2-Pin connector/Leads
Duty Cycle	Intermittent
Max.Amp Draw	4.0 A
Fuse	6.0 A



STANDARD PUMP CONFIGURATIONS

Model	Voltage	Open Flow (GPM/LPM)	Control Type	Max Draw	Shut-off Pressure (PSI/BAR)	Valves	Diaphragm	Ports	Wire Connections
SFDP1-010-040-21	12V	1.0 / 3.8	Switch	4.0A	40 / 2.8	EPDM	Santoprene	3/8" Barb	2-Pin/Leads
SFDP2-010-040-21	24V	1.0 / 3.8	Switch	2.0A	40 / 2.8	EPDM	Santoprene	3/8" Barb	2-Pin/Leads
SFDP1-011-070-21	12V	1.1 / 4.0	Switch	4.0A	70 / 4.8	EPDM	Santoprene	3/8" Barb	2-Pin/Leads
SFDP1-012-035-21	12V	1.2 / 4.3	Switch	4.0A	35 / 2.4	EPDM	Santoprene	3/8" Barb	2-Pin/Leads
SFDP2-012-035-21	24V	1.2 / 4.3	Switch	2.0A	35 / 2.4	EPDM	Santoprene	3/8" Barb	2-Pin/Leads