

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

DIAPHRAGM PUMP

RO Booster Pump

RO Booster Pump General description: DC/AC 5-7LPM 120PSI The 36-Series is our continuous-duty on-demand positive displacement pump. It provides reliable performance in moderate water flow, ...

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 | RO-Booster-Pump |
| Standard | EN | Weight / Size | PUMP Type 3 Chamber positive displacement diaphragm pump, self priming, capable of being run dry Control Type 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 120 PSI : 98 PSI ±5 PSI (±0.3 bar) Inlet/Outlet Ports 3/8"-18 FNPT Weight 5.0 lbs (2.2 kg) MOTOR Leads 16 AWG, 8" (20cm) long with 2-Pin connector/Leads Duty Cycle Continuous Max.Amp Draw 12.0 A Fuse 18.0 A STANDARD PUMP CONFIGURATIONS Model Voltage Open Flow (GPM/LPM) Control Type Max Draw Shut-off Pressure (PSI/BAR) Valves Diaphragm Ports Wire Connections SFDP1-015-120-36 12V 1.5/5.5 By Pass 10.0A 120/8.3 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads SFDP2-015-120-36 24V 1.5/5.5 By Pass 5.0A 120/8.3 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads SFDP1-018-120-36 12V 1.8/7.0 By Pass 12.0A 120/8.3 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads SFDP2-018-120-36 24V 1.8/7.0 By Pass 6.0A 120/8.3 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads SFDPA1-015-120-36 110V 1.5/5.5 By Pass 0.8A 120/8.3 EPDM Santoprene 3/8"-18 FNPT 2-Pin/Leads SFDPA2-015-120-36 220V 1.5/5.5 By Pass 0.5A 120/8.3 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 | | |



CONTENTS

- RO Booster Pump
- General description:
- STANDARD PUMP CONFIGURATIONS

RO Booster Pump



General description:

DC/AC 5-7LPM 120PSI

The 36-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. 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 | 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 120 PSI : 98 PSI ±5 PSI (±0.3 bar) |
| Inlet/Outlet Ports | 3/8"-18 FNPT |
| Weight | 5.0 lbs (2.2 kg) |

| MOTOR | |
|--------------|---|
| Leads | 16 AWG, 8" (20cm) long with 2-Pin connector/Leads |
| Duty Cycle | Continuous |
| Max.Amp Draw | 12.0 A |
| Fuse | 18.0 A |



STANDARD PUMP CONFIGURATIONS

| Model | Voltage | Open Flow (GPM/LPM) | Control Type | Max Draw | Shut-off Pressure (PSI/BAR) | Valves | Diaphragm | Ports | Wire Connections |
|-------------------|---------|---------------------|--------------|----------|-----------------------------|--------|------------|--------------|------------------|
| SFDP1-015-120-36 | 12V | 1.5/5.5 | By Pass | 10.0A | 120/8.3 | EPDM | Santoprene | 3/8"-18 FNPT | 2-Pin/Leads |
| SFDP2-015-120-36 | 24V | 1.5/5.5 | By Pass | 5.0A | 120/8.3 | EPDM | Santoprene | 3/8"-18 FNPT | 2-Pin/Leads |
| SFDP1-018-120-36 | 12V | 1.8/7.0 | By Pass | 12.0A | 120/8.3 | EPDM | Santoprene | 3/8"-18 FNPT | 2-Pin/Leads |
| SFDP2-018-120-36 | 24V | 1.8/7.0 | By Pass | 6.0A | 120/8.3 | EPDM | Santoprene | 3/8"-18 FNPT | 2-Pin/Leads |
| SFDPA1-015-120-36 | 110V | 1.5/5.5 | By Pass | 0.8A | 120/8.3 | EPDM | Santoprene | 3/8"-18 FNPT | 2-Pin/Leads |
| SFDPA2-015-120-36 | 220V | 1.5/5.5 | By Pass | 0.5A | 120/8.3 | EPDM | Santoprene | 3/8"-18 FNPT | 2-Pin/Leads |