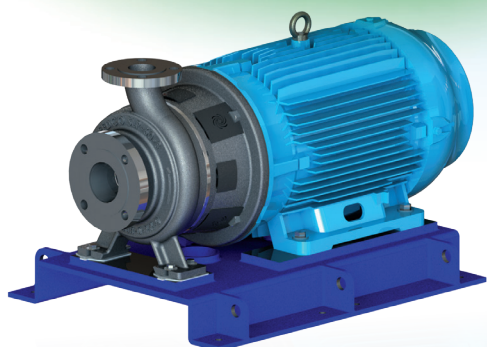


FEDCO IS THE INDUSTRY LEADER IN
INNOVATIVE ENERGY RECOVERY DEVICES



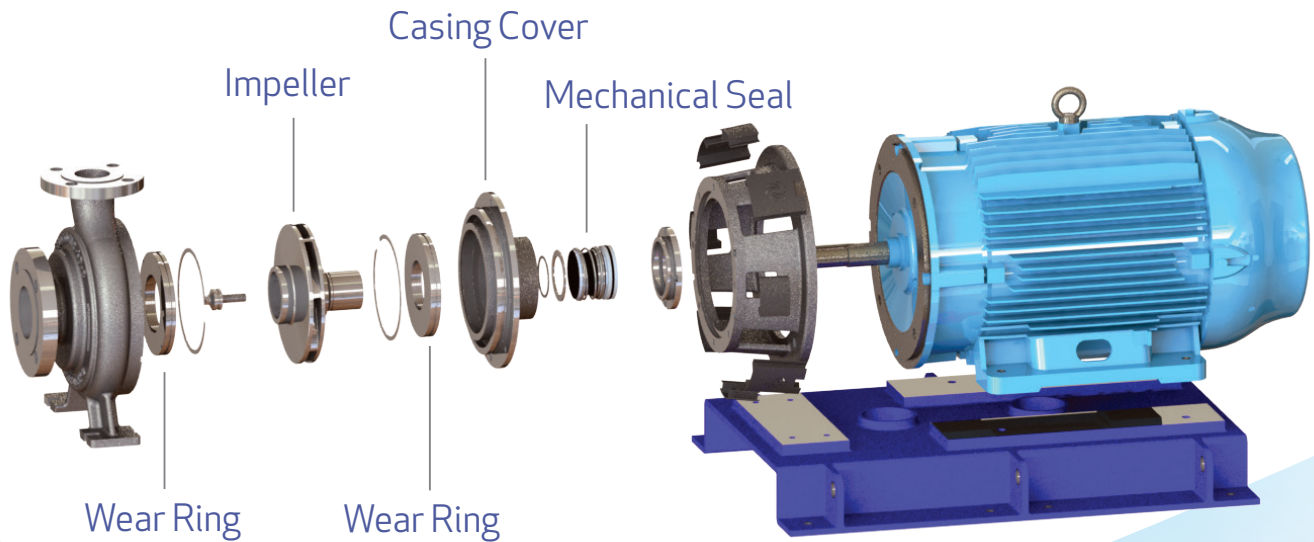
DESALINATION: REVERSE OSMOSIS

SLP PUMP SERIES

SINGLE STAGE END SUCTION CENTRIFUGAL PUMP

SLP Series Pump

The FEDCO SLP pump is an end suction, close-coupled horizontal pump for general water process applications. It was designed for reliability, efficiency and longevity in harsh environments. The SLP series is offered in 5 models, each with a set of customizable impellers, coupled on a JM motor and mounted on a common baseplate. The SLP is rugged, simple and the all super duplex material of construction gives it a superior and broad advantage in its class.



Features

Casing

- Thick wall, investment cast super duplex casting - Made to last
- Flanged connections, ANSI 150 lb
- Centerline discharge – Self venting and distributed pipe stresses
- Back pull-out design - Minimizes downtime

Impeller

- Closed, CFD optimized design - High efficiency, low energy consumption
- Balanced to ISO 6.3 - Low vibration

Wear Rings

- Composite bearings - Minimizes leakage to maintain high efficiency
- Radially and axially locked to casing - Keeps bearings secure during upset conditions
- Easily removable and replaceable - short downtime, few spare parts

Baseplate

- Pump base as a standard - installation rigidity and easy handling

Motor

- Premium NEMA, TEFC, JM or JP Frame, IP55
- Dual rated, 60 Hz or 50 Hz

Highlighted Benefits

- High Efficiency
- Super Duplex
- Low Maintenance

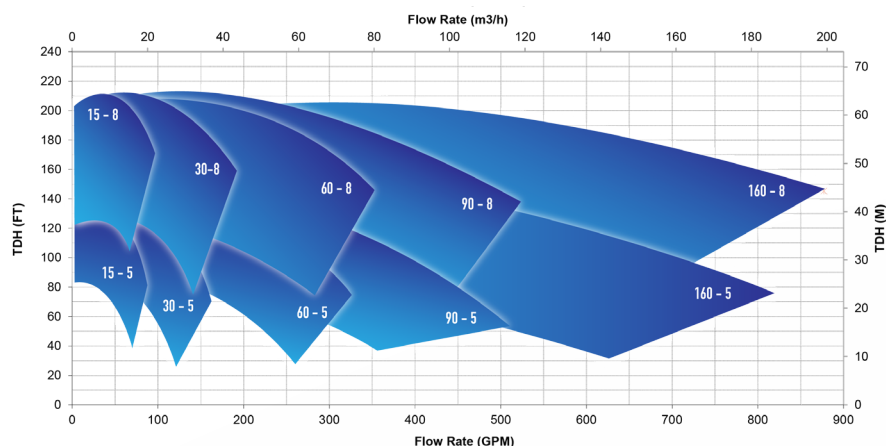
Solutions for Lowering Life Cycle Costs

The SLP was made for the long term, as everything from the robust design, low operating costs to easy installation and maintenance was thought out with the end user in mind.

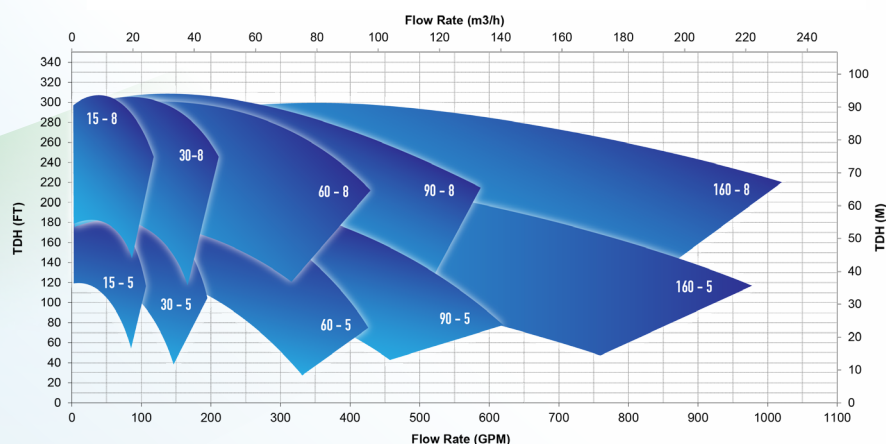
Each SLP is inspected and tested at the factory as an assurance to FEDCO's quality promise.

Range Charts

2900RPM (50Hz)



3500RPM (60Hz)



Single Stage Horizontal End Suction, Close-Coupled Centrifugal Pump

Technical Info

Capacity: up to 1,057 gpm / 243 m³/h

Heads: up to 167 ft / 51 m

Max. Rated Flange Pressure:
up to 270 psi / 19 bar

Temperature: up to 158°F / 70°C

Max. Speed of rotation: up to
3,600 rpm

Liquid: Seawater, brackish water,
freshwater, clean fluids

Materials

Casing: Zeron 100® Super Duplex
(ASTM A995-13 6A)

Impeller: Closed type, Zeron 100®
Super Duplex (ASTM A995-13 6A)

O-rings: Buna N®

Wear Rings: Non-metallic

Mechanical Seal: Type 21 standard,
Silicon Carbide Graphite

Connection: ANSI 150 lb. Flanges

Motor: JM, JP frame, TEFC, NEMA
Premium, IP55

Baseplate: Carbon Steel, Painted
(A36)

Warranty: 18 months

Options

Elastomers: applications can be
reviewed for custom material

Certifications

CE

Applications

Booster

Condensate, Cooling

Desalination

General industrial water
treatment

Irrigation

Hotel, Resort, Recreational

Mining

Municipal clean water

Pre-Treatment

Reverse Osmosis (Feed, CIP,
Transfer)

Transfer of clean fluids

Water Circulation

Retrofits

Contact FEDCO to upgrade your
existing pumping equipment
with state-of-the-art pumps and
energy recovery turbocharger
devices. FEDCO has a broad
range of feed and booster
pumps for low and high pressure
capacities.

The SLP Series Pumps meets or
exceed the US Department of
Energy Pump Efficiency Index
(PEI)

Committed to Success

In business since 1997, Fluid Equipment Development Company or FEDCO is committed to being the industry leader in the design and manufacture of innovative fluid machinery. Our products are recognized for their superior quality and reliable performance in the reverse osmosis desalination market. We custom engineer highly efficient pumps and energy recovery devices that system builders and end users can depend on. We support customer operations worldwide with easy to use products and long-term relationships to offer the lowest life cycle cost of ownership. Let FEDCO provide the single source for your pumping equipment needs by making fluid energy work for you.™

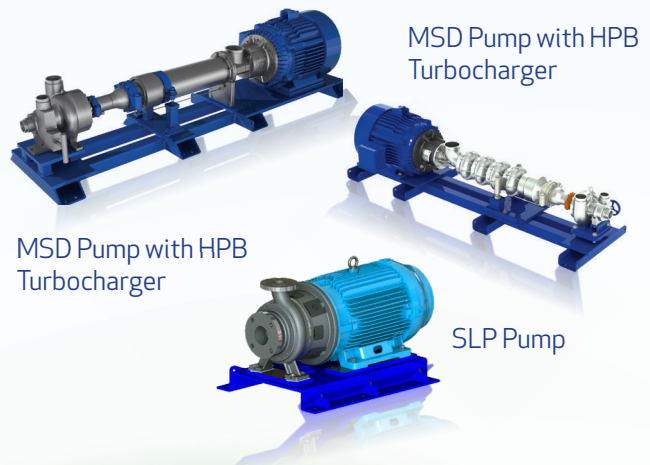
Efficiency in Service & Support

Let us bring world class service to you. FEDCO is ready to provide service and on-site support for our equipment anywhere in the world. Our service team has many years of experience to assist our customers in installation, commissioning, troubleshooting, servicing and field site repairs. When plant optimiza-

tion is needed for modernizing or improving efficiency, our team can provide retrofit solutions for considerable savings potential. Other service support provided by our trained personnel are operator training on-site or at our sales and services offices in the USA and Dubai, UAE.

FEDCO Pump and HPB Energy Recovery Device for the Most Dependable SWRO Package

Pair the HPB turbocharger energy recovery device with the FEDCO series MSS, MSD or SSD centrifugal feed pump for the industry standard in seawater reverse osmosis (RO) desalination packages. Complete your package with the low pressure feed and booster pump SLP Series.



Global Network

- ★ FEDCO Sales Office
- FEDCO Representatives



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