

Pump Data

Model *	SLP-250-8	
Liquid	Seawater, Brackish water, Fresh water	
Pump Operating Ambient Temp	33 - 158 °F	0.6 - 70.0 °C
Maximum Storage Temp	185 °F	85.0 °C
Pump Operating Flow Range **	440 - 1650 gpm	100 - 375 m³/h
Maximum Rated Flange Pressure	270 psi	19 bar
Maximum Solid Size	0.125 in	3.175 mm
Head (nominal)	268 Ft	81.7 M
Pump Weight (without base)	183 lbs	83 kg
Full Impeller Diameter	8.450 in	214.63 mm
PEI _{CL} Range ***	0-92 - 0.96	

* Subject to international patent applications

** Range includes several sizes

*** Motor Dependent

Hydraulic Design

Pump	Single Stage, end suction, centrifugal, closed-coupled
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Performance

Peak Efficiency **	Up to 80%
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** Range includes several sizes

Motor Data

Manufacturer	WEG or equivalent							
Motor Type	NEMA							
Ambient Temp	-4 - 104 °F	-20 - 40 °C	-4 - 104 °F	-20 - 40 °C	-4 - 104 °F	-20 - 40 °C	-4 - 104 °F	-20 - 40 °C
Power Rating	100 HP- 460/60	75 HP - 380/50	75 HP- 460/60	50 HP- 380/50	50 HP- 460/60	40 HP- 380/50	30 HP- 460/60	25 HP- 380/50
Service Factor	1.25	1.00	1.25	1.00	1.25	1.00	1.25	1.00
Efficiency	94.1	94.3	93.60%	93.7%	93.00%	93.30%	91.70%	92.40%
Full Load Amp	112	99.6	81.9	66.7	56.1	54.9	33.8	34.2
Frame	405 JP	405 JP	365 JP	365 JP	326 JM	326 JM	286 JM	286 JM
Enclosure	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC
Electric Power	74.5 kW	55kW	55 kW	37 kW	37 kW	30 kW	22 kW	18.5 kW
Motor Weight	1128 lbs [512kg]	1128 lbs [512kg]	886 lbs [402 kg]	881 lbs [400 kg]	590 lbs [268 kg]	590 lbs [268 kg]	412 lbs [187 kg]	412 lbs [187 kg]

Materials

Casing	Zeron SS (ASTM A995-13 6A)
Bearings	Non-metallic
Motor Adapter	316 SS
Optional Baseplate	Carbon Steel - Painted (A36)
Mechanical Seal - Type 21	SiC/ Graphite
O-Rings	Buna N®
Impeller	Zeron SS (ASTM A995-13 6A)
Crating/Packaging	Export-Wood

Packaging/ Crating

Protective Covers	Standard
Export Crating	Standard
Additional Shipping Options	Available per customer request

Fittings

Pipe Joints	Flange: ASME/ANSI B16.5 Class 150 Feed Inlet 6" Feed Outlet 4"
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Lubrication

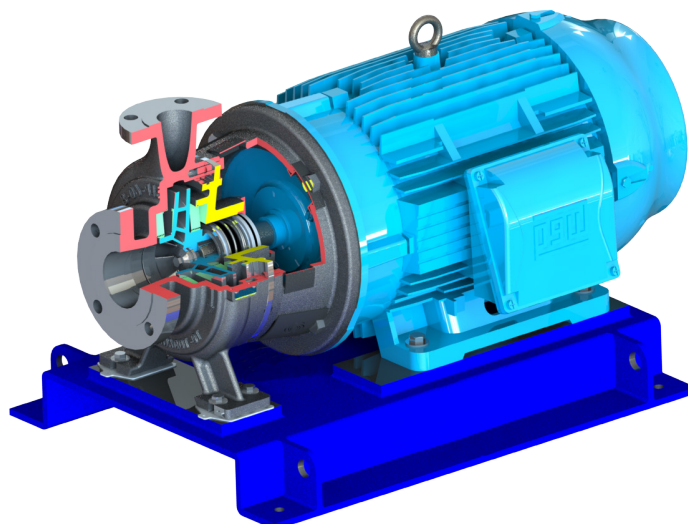
Cooling	Product fluid
Lubrication	Product fluid

Testing and Inspection

Hydrostatic Test *	Standard
Mechanical Run Test *	Standard
Factory Duty Point Hydraulic Performance Test **	Not Available
Material Certificates	Optional

* General Code Groups, Associations, Laboratories, and Approval Bodies include the American Society for Testing and Materials (ASTM), the International Organization for Standardization (ISO), and the NSF International.

** Electrical consumption can be supplied at the tested operating conditions.



NOTE: All numeric values are based on performance norms. Specific performance data is included with each individual unit. FEDCO reserves the right to make specification changes at any time without prior notice. Please contact your FEDCO representative for information. email: sales@fedco-usa.com

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