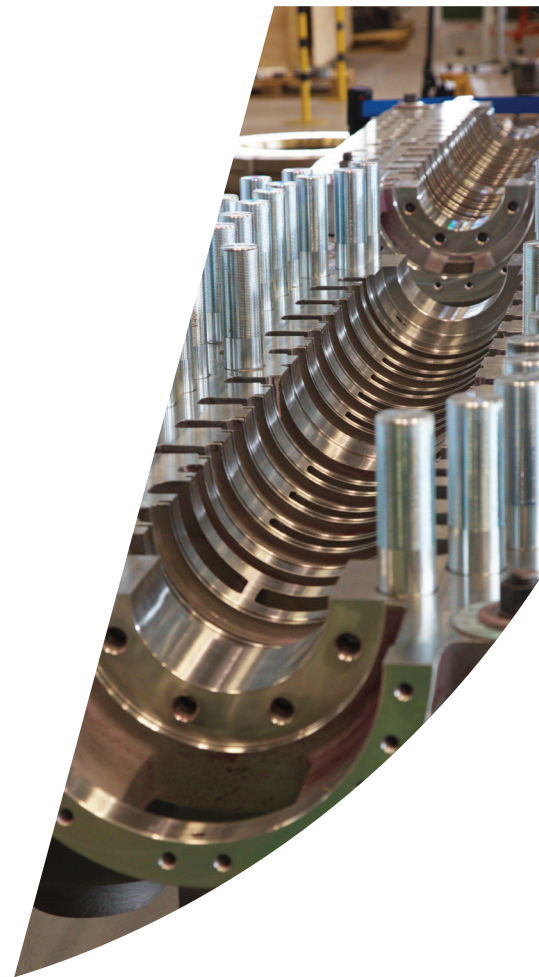


ROTO-JET® RO-FT HIGH PRESSURE PITOT TUBE PUMPS

MODEL RO D850



HIGH PRESSURE SINGLE-STAGE CENTRIFUGAL PUMP WITH ADVANCED PITOT TUBE TECHNOLOGY

ADVANCED DESIGN

- High pressure without high speed
- Flexible: Performance can be adjusted by changing the pitot tube
- Simple: Only two basic working parts

DEPENDABLE PERFORMANCE

- Hydraulically stable along the entire performance curve and beyond BEP
- Low minimum flow requirement
- Rugged design: Most reliable high pressure pump in the marketplace

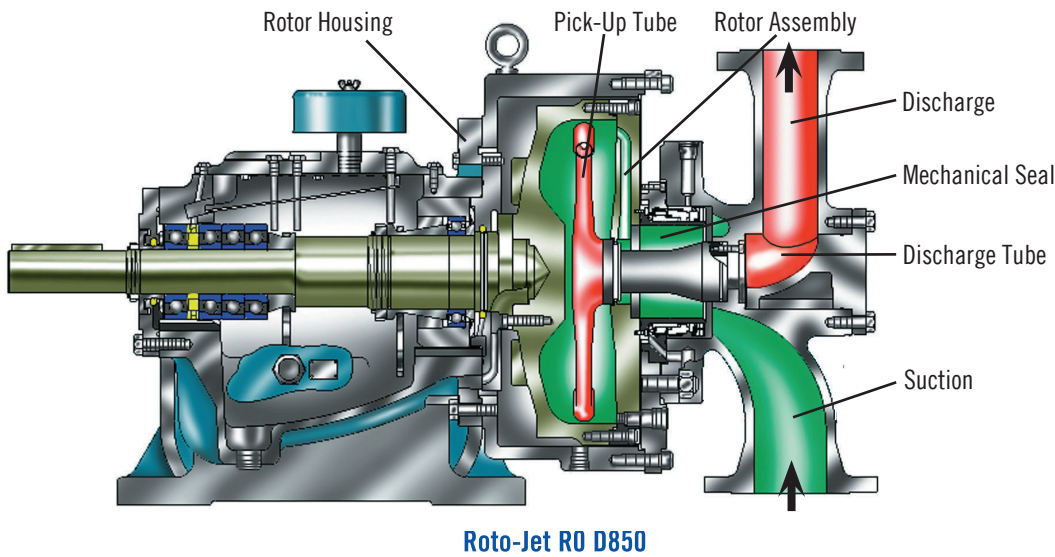
ENHANCED RELIABILITY

- Smooth, pulsation-free flow
- Low pressure mechanical seal is easily maintained
- Isolated bearing pedestal to minimize risk of bearing contamination

RO D850 PUMP FEATURES

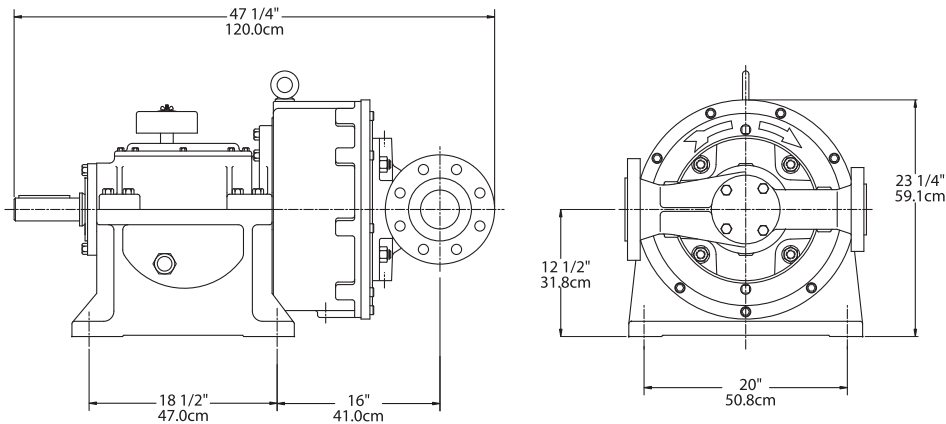
- API design available
- Single or double mechanical seal
- Flanged connections
- Materials of construction: ductile iron, carbon steel, 316 stainless steel, CA6NM, and CD4MCu. Super duplex and Hastelloy are also available
- Oil lubricated bearings





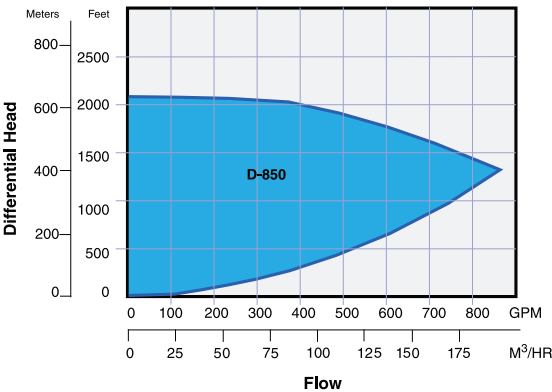
TYPICAL ROTO-JET MODEL RO D850 APPLICATIONS

- Food and beverage cleaning systems
- Reverse osmosis systems
- Automotive gun drilling coolant
- Spraying/washing systems
- High pressure paper shower
- Circuit board wash systems
- Water/process injection systems
- Seal flushing systems
- Boiler feed/cleaning systems
- Many more applications



Dimensions are for general reference only and will vary with actual model selected

OPERATING RANGE



SPECIFICATIONS: ROTO-JET RO D850		
Maximum temperature	250° F	121° C
With Flush	550° F	288° C
Maximum suction pressure	150 PSI	10 BAR
Maximum head	2100 Ft.	640 m
Maximum speed	4380 RPM	4380 RPM
Maximum flow	750 GPM	170 m3/hr
Maximum horsepower	500 HP	373 KW
Weight	1300 lbs.	590 kg

MATERIALS OF CONSTRUCTION	
STAINLESS STEEL	
Rotor*	316 St. Steel
Rotor cover*	316 St. Steel
Manifold	316 St. Steel
Endbell	Carbon Steel
Pick-up tube**	17-4 PH
Shaft	AISI 4140

*Also available in Ductile Iron, CA6NM, CD4MCU and Hastelloy C
**Also available in 718 Inconel



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