

ROTO-JET PUMP

High Pressure Pitot Tube Pumps



Model R11

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

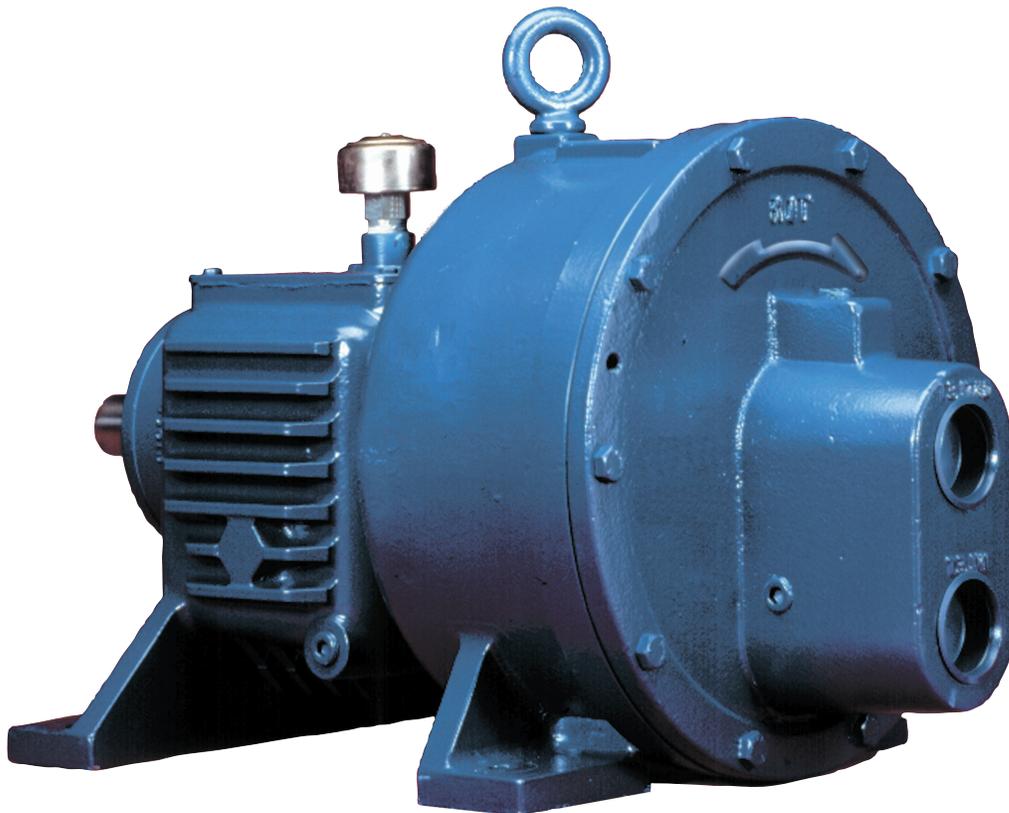
- Hydraulically stable along the entire performance curve and beyond BEP
- Low minimum flow requirement
- Rugged design: most reliable high pressure pump in the marketplace

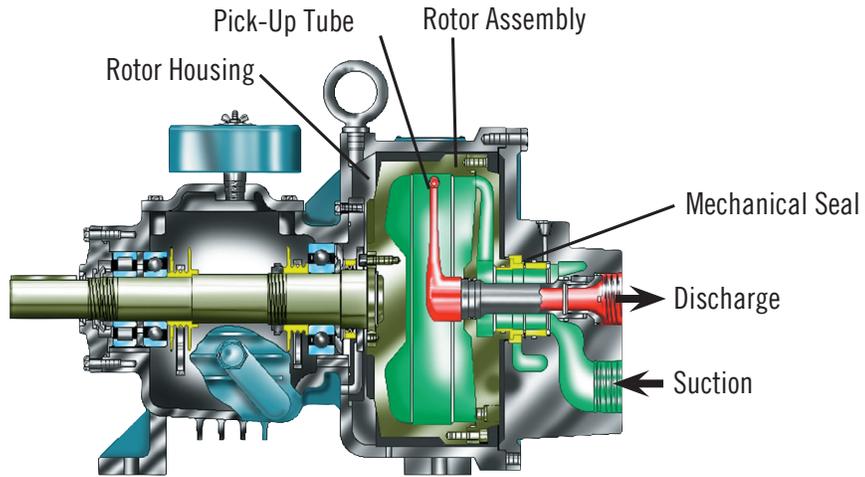
Enhanced Reliability

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

R11 Pump Features / Materials of Construction

- Ductile iron or 316 stainless steel
- Single or double mechanical seal
- Threaded connections
- Oil lubricated bearings

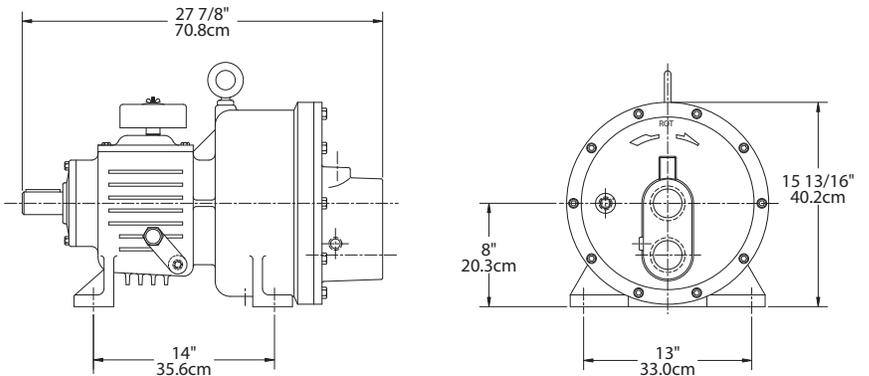




Roto-Jet R 11 Pump

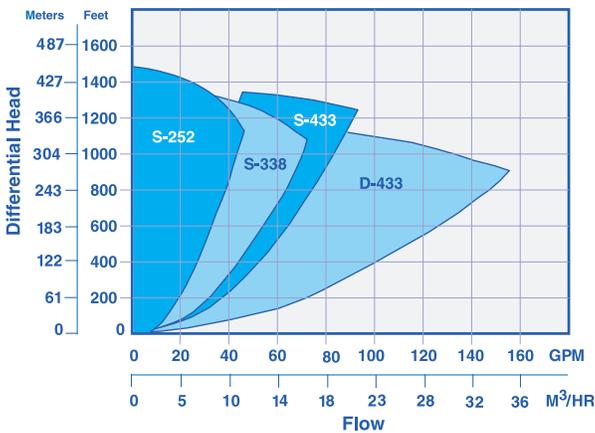
Typical Roto-Jet Model R11 Applications

- 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 R11	
Maximum temperature	180° F	82° C
Maximum temperature (with flush)	250° F	121° C
Maximum suction pressure	200 PSI.	14 BAR
Maximum head	1500 Ft.	457 m.
Maximum speed	4858 RPM.	4858 RPM.
Maximum flow	150 GPM.	34 m ³ /hr.
Maximum horsepower	75 HP.	55 KW.
Weight	350 lbs.	159 kg.
Materials of Construction		
	Standard	Stainless Steel
Rotor	Ductile Iron	316 St. Steel
Rotor cover	Ductile Iron	316 St. Steel
Manifold	Ductile Iron	316 St. Steel
Endbell	Ductile Iron	316 St. Steel
Pick-up tube*	17-4 PH	17-4 PH
Shaft	AISI 4140	AISI 4140

*Also available in 718 Inconel

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