

ROTO-JET® PUMP

High Pressure Pitot Tube Pumps

Model RG 2x2
Grease Lubricated



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

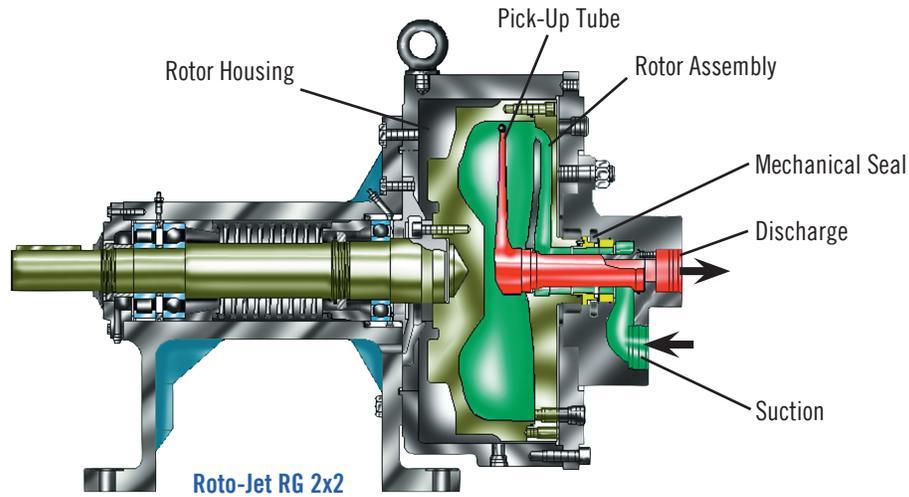
Enhanced Reliability

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

RG 2x2 Pump Features

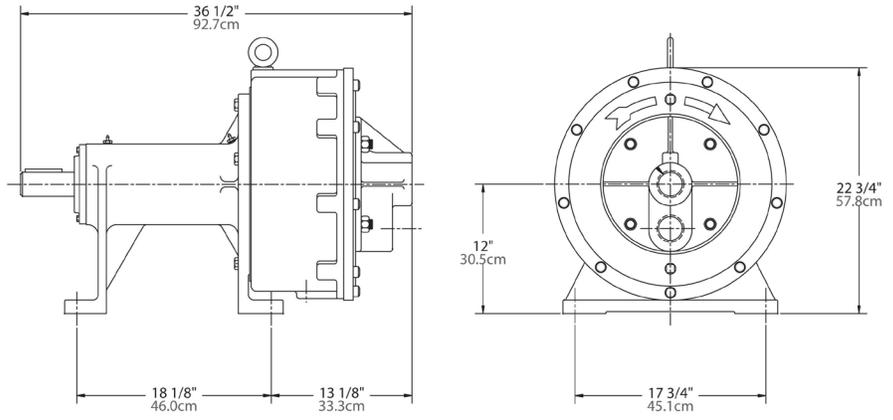
- Single mechanical seal
- Threaded connections
- Grease lubricated bearings





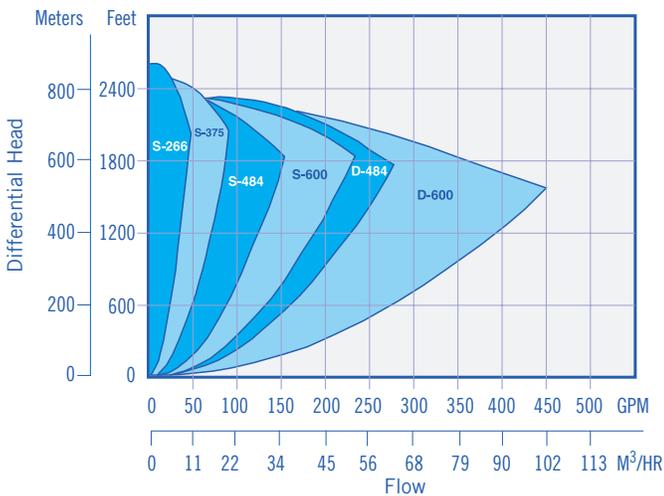
Typical Roto-Jet Model RG 2X2 Applications

- 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 Model RG 2x2		
Maximum temperature	180° F	82° C
Maximum suction pressure	200 PSI	14 BAR
Maximum head	2600 Ft.	792 m
Maximum speed	4380 RPM	4380 RPM
Maximum flow	400 GPM	91 m ³ /hr
Maximum horsepower	400 HP	300 KW
Weight	870 lbs.	395 kg
Materials of Construction		
Rotor	Standard Ductile Iron	
Rotor cover	Ductile Iron	
Manifold	Ductile Iron	
Endbell	Ductile Iron	
Pick-up tube*	17-4 PH	
Shaft	AISI 4140	

* Also available in 718 Inconel

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