

ROTO-JET PUMP

High Pressure Pitot Tube Pumps

Model RG 2x2®
Grease Lubricated

Excellent
Power & Industrial
Solutions



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

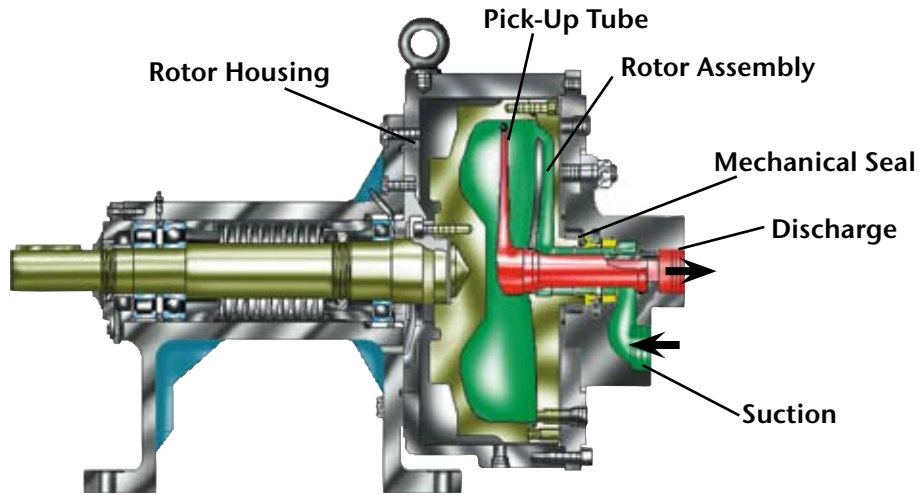
Enhanced Reliability

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

RG 2x2® Pump Features

- Materials of construction: ductile iron
- Single mechanical seal
- Threaded connections
- Grease lubricated bearings





RG 2x2 cut-away view

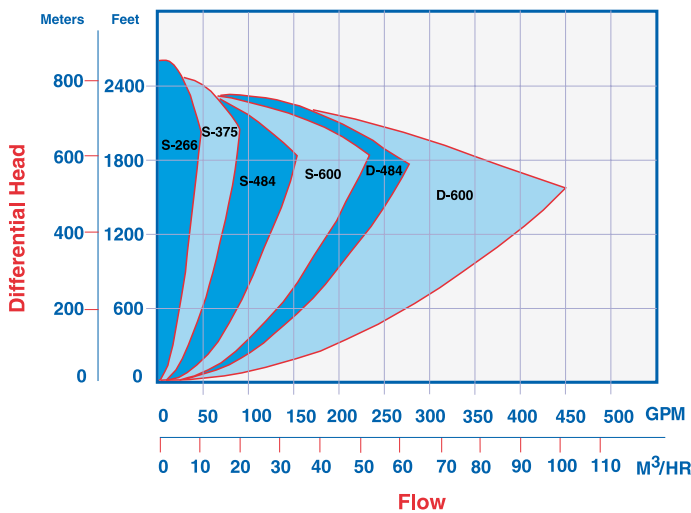
Typical Roto-Jet Model RG 2X2® Applications

- 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
- And many, many more...



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

Operating Range



| Specifications | 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 | | |
| | Standard | |
| Rotor | 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

Weir Specialty Pumps

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