ROTO-JET®

High Pressure Pitot Tube Pumps

Model RG 2x2

Grease Lubricated

Excellent Engineering 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
- Low minimum flow requirement
- Rugged design, most reliable high pressure pump in the marketplace
- No wear rings or close clearances for maximum reliability

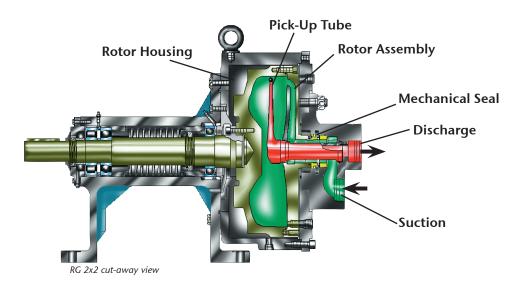
Enhanced Reliability

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

RG 2x2 Pump Features

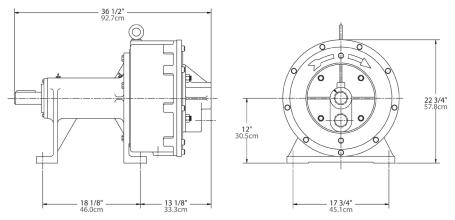
- Materials of construction: ductile iron
- Single mechanical seal
- Threaded connections
- Grease lubricated bearings





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



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

Operating Range Meters 800-2400 Differential Head 600-1800 D-600 400 1200 200-600 0 150 200 250 300 350 400 20 30 40 50 60 70 80 90 100 110 M3/HR Flow

Maximum Temperature Maximum Suction Pressure Maximum Head Maximum Speed Maximum Speed Maximum Flow Maximum Horsepower Weight Rotor Rotor Cover Manifold Endbell Pick-up Tube* Maximum Temperature 200 PSI 14 BAR 792 m 4380 RPM 4380 RPM 400 GPM 91 m3/hr 300 KW 870 lbs 395 kg Standard Ductile Iron Ductile Iron Ductile Iron Ductile Iron Ductile Iron 17-4 PH AISI 4140	•		
Maximum Head Maximum Speed Maximum Flow Maximum Horsepower Weight Rotor Rotor Cover Manifold Endbell Pick-up Tube* 2600 ft 792 m 4380 RPM 500 LEVELLE	Maximum Temperature	180° F	82° C
Maximum Speed Maximum Flow Maximum Flow Maximum Horsepower Weight Materials of Construction Rotor Rotor Cover Manifold Endbell Pick-up Tube* 4380 RPM 4380 RPM 4380 RPM 91 m3/hr 300 KW 395 kg Materials of Construction Standard Ductile Iron	Maximum Suction Pressure	200 PSI	14 BAR
Maximum Flow Maximum Horsepower Weight Materials of Construction Rotor Rotor Cover Manifold Endbell Pick-up Tube* 400 GPM 400 HP 300 KW 395 kg Plantage Standard Ductile Iron	Maximum Head	2600 ft	792 m
Maximum Horsepower Weight Materials of Construction Rotor Rotor Cover Manifold Endbell Pick-up Tube* 400 HP 300 KW 395 kg Ductile Iron	Maximum Speed	4380 RPM	4380 RPM
Weight 870 lbs 395 kg Materials of Construction Rotor Rotor Cover Manifold Endbell Pick-up Tube* 870 lbs 395 kg Standard Ductile Iron Ductile Iron Ductile Iron Ductile Iron 17-4 PH	Maximum Flow	400 GPM	91 m3/hr
Materials of Construction Rotor Rotor Cover Manifold Ductile Iron Endbell Ductile Iron Dictile Iron Ductile Iron Ductile Iron Ductile Iron Ductile Iron Ductile Iron 17-4 PH	Maximum Horsepower	400 HP	300 KW
Rotor Ductile Iron Rotor Cover Ductile Iron Manifold Ductile Iron Endbell Ductile Iron Pick-up Tube* 17-4 PH	Weight	870 lbs	395 kg
Rotor Ductile Iron Rotor Cover Ductile Iron Manifold Ductile Iron Endbell Ductile Iron Pick-up Tube* 17-4 PH	Materials of Construction		
Rotor Cover Ductile Iron Manifold Ductile Iron Endbell Ductile Iron Pick-up Tube* 17-4 PH		Standard	
Manifold Ductile Iron Endbell Ductile Iron Pick-up Tube* 17-4 PH	Rotor	Ductile Iron	
Endbell Ductile Iron Pick-up Tube* 17-4 PH	Rotor Cover	Ductile Iron	
Pick-up Tube* 17-4 PH	Manifold	Ductile Iron	
•	Endbell	Ductile Iron	
Chaft AISI AIAO	Pick-up Tube*	17-4 PH	
Jilait Albi Tito	Shaft	AISI 4140	

^{*} Also available in 718 Inconel

Specifications

Weir Specialty Pumps

440 West 800 South Tel: 1 801 359 8731
P.O. Box 209 (84110-0209) Fax: 1 801 530 7828
Salt Lake City, UT 84101 email: info@weirsp.com
USA www.weirsp.com

Bulletin: RJ-RG 2x2

AUSTRALIAN DISTRIBUTOR



CALL 1300 789 466 When Pump Knowledge Matters www.kelairpumps.com.au Excellent Engineering Solutions

RG 2x2

