| INDUSTRIAL FLOW SOLUTIONS™ | TECHNICAL DATA | | | BJM Pumps® R400 | | |
|---|---|---|---|---|---|---|
| | Dwg: | DS-C21-016 | Rev: | 1 | Date: | 8/15/2025 |

# GENERAL DATA

| | |
|---|---|
| MAX. FLOW: | 60 GPM (227.1 L/min) |
| MAX. HEAD: | 40' (12.1m) |
| MAX. SUBMERSION DEPTH: | 65' (20m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE | DEWATERING TOP DISCHARGE |
| PUMP DOWN WATER LEVEL: | 2.25" (57 mm) |
| SOLID SIZE: | 1/8" (3.1 mm) |
| STRAINER OPENING: | 0.2" (4.7 mm) |
| IMPELLER DIAMETER: | 3.75" (95 mm) |
| DISCHARGE SIZE | 2" NPT-MALE |
| PUMP WEIGHT (without cable): | 29 lbs (13.2 kg) |
| SHIPPING WEIGHT: | 33 lbs (15 kg) |

# CONSTRUCTION / MATERIAL DATA

| | |
|---|---|
| UPPER MECHANICAL SEAL | CARBON/CERAMIC, BUNA-N |
| LOWER MECHANICAL SEAL | SILICON CARBIDE/ SILICONE CARBIDE, BUNA-N |
| MOTOR CASING | 304 SS |
| PUMP VOLUTE | CAST IRON |
| IMPELLER | CAST IRON |
| STRAINER | 304 SS |
| BOTTOM PLATE | RUBBER COATED CAST IRON |
| LIP SEAL & O-RINGS | BUNA-N |
| ROTOR SHAFT | 304 SS |
| EXTERNAL HARDWARE | 304 SS |
| BALL BEARING: PERM. LUBE. UPPER | 6201 |
| BALL BEARING: PERM. LUBE. LOWER | 6201 |

# ELECTRICAL / MOTOR DATA

| | |
|---|---|
| MOTOR: HP, TYPE, RATING | 0.5 SUBMERSIBLE , (CONTINUOUS DUTY) |
| MOTOR RPM | 3450 |
| MOTOR INSULATION CLASS | F |
| MOTOR SERVICE FACTOR | 1.1 |
| VOLTAGE - 1PH - 60Hz[1] | 115V |
| CURRENT F.L.A. | 6 |
| LOCKED ROTOR CURRENT (LRA) | 22 |
| POWER CABLE: GAGE-LENGTH | AWG 16/3, 33' (10m) STOW |
| MOTOR PROTECTION | THERMAL BREAKER |
| MAXIMUM LIQUID TEMPERATURE | 104°F (40°C) |

1 - Available in other voltages for 50Hz

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

| INDUSTRIAL FLOW SOLUTIONS™ | PERFORMANCE CURVE | | BJM Pumps® R400 | | |
|---|---|---|---|---|---|
| | Dwg: | DS-C21-008 | Rev: | 1 | Date: 8/7/2025 |

Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

**400 - Dual Units**

| | |
|---|---|
| Frequency | 60 Hz |
| Pump Speed | 3450 RPM |
| Impeller | 95mm |

Specifications subject to change without notice