



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® J400**

**Dwg:**

DS-C02-013

**Rev:**

1

**Date:**

9/2/2025

## GENERAL DATA

|                                                        |                                                                                  |
|--------------------------------------------------------|----------------------------------------------------------------------------------|
| MAX. FLOW:                                             | 55 GPM (208.2 LPM)                                                               |
| MAX. HEAD:                                             | 41' (12.5m)                                                                      |
| MAX. SUBMERSION DEPTH:                                 | 65' (20 m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE:                                             | DEWATERING, SIDE DISCHARGE                                                       |
| MINIMUM SUBMERSION DEPTH FOR CONT. DUTY <sup>2</sup> : | 15.7" (398.78 mm)                                                                |
| PUMP DOWN WATER LEVEL:                                 | 5" (121 mm)                                                                      |
| SOLID SIZE:                                            | 0.12" (3.1 mm)                                                                   |
| STRAINER OPENING:                                      | 0.19" (4.7 mm)                                                                   |
| IMPELLER DIAMETER:                                     | 3.7" (95 mm)                                                                     |
| DISCHARGE SIZE:                                        | 2" NPT-MALE                                                                      |
| SLIDE RAIL SYSTEM                                      | 2" CAST IRON                                                                     |
| PUMP WEIGHT (without cable):                           | 32.2 lbs (14.6 kg)                                                               |
| SHIPPING WEIGHT:                                       | 38.1 lbs (17.3 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                                    |
| LIP SEAL & O-RINGS                | BUNA-N                                    |
| ROTOR SHAFT                       | 304 SS                                    |
| EXTERNAL HARDWARE                 | 304 SS                                    |
| BEARING, PERM. LUBRICATED, UPPER: | 6201                                      |
| BEARING, PERM. LUBRICATED, LOWER: | 6201                                      |

## ELECTRICAL / MOTOR DATA

|                                       |                                                   |      |
|---------------------------------------|---------------------------------------------------|------|
| MOTOR: HP, TYPE, RATING               | 0.5, SUBMERSIBLE, (CONTINUOUS DUTY <sup>2</sup> ) |      |
| MOTOR RPM                             | 3450                                              |      |
| MOTOR INSULATION CLASS                | F                                                 |      |
| MOTOR SERVICE FACTOR                  | 1.1                                               |      |
| VOLTAGE - 1PH - 60Hz <sup>1</sup>     | 115V                                              | 230V |
| CURRENT F.L.A.                        | 7.6                                               | 3.8  |
| LOCKED ROTOR CURRENT (LRA)            | 24                                                | 12   |
| POWER CABLE: GAGE-LENGTH              | AWG 16/3, 33' (10m) STOW                          |      |
| SENSOR CABLE: (OPTIONAL ) GAGE-LENGTH | AWG 18/2, 33' (10m) STOW                          |      |
| MOTOR PROTECTION                      | THERMAL BREAKER                                   |      |
| SEAL LEAK DETECTOR (OPTIONAL )        | Seal Minder® MOISTURE SENSING PROBE               |      |
| MAXIMUM LIQUID TEMPERATURE            | 104°F (40°C)                                      |      |

1 - Available in other voltages for 50Hz

2 - Continuous duty motor - see minimum submersion depth above.

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## PERFORMANCE CURVE

## BJM Pumps® J400

Dwg:

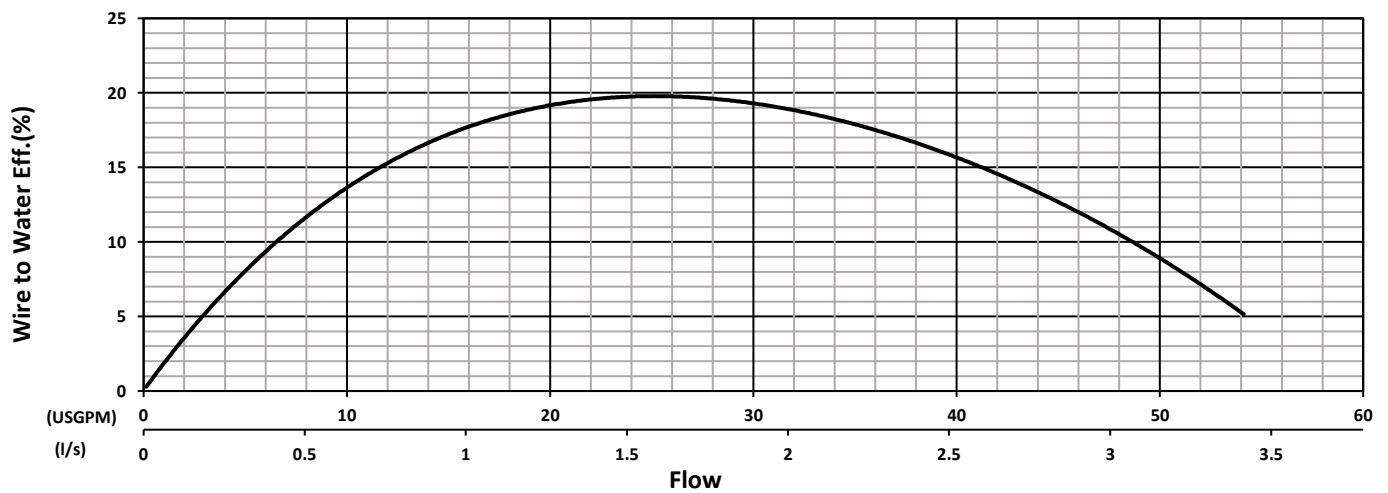
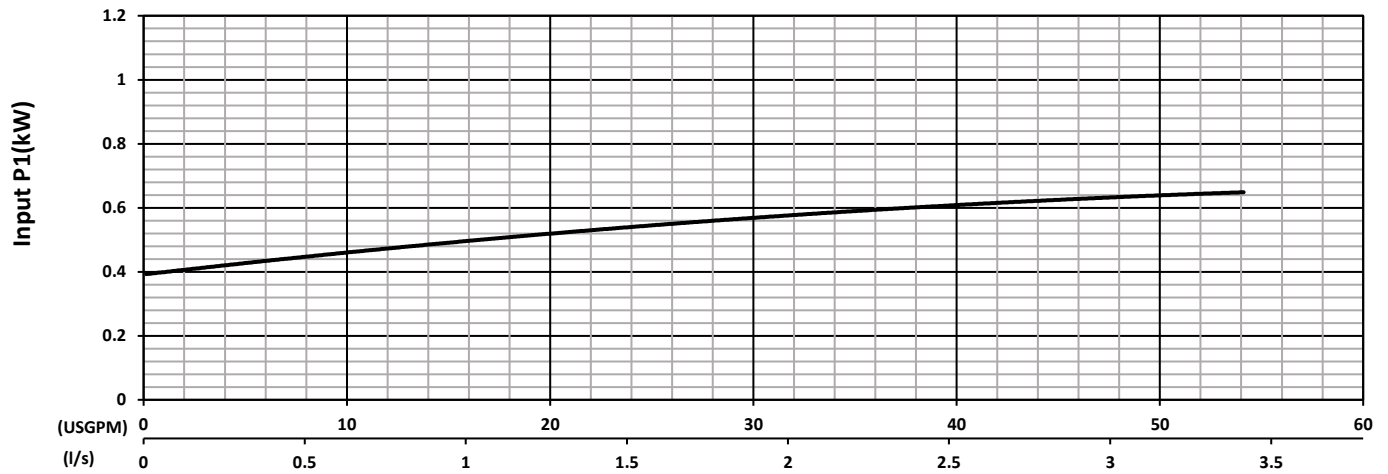
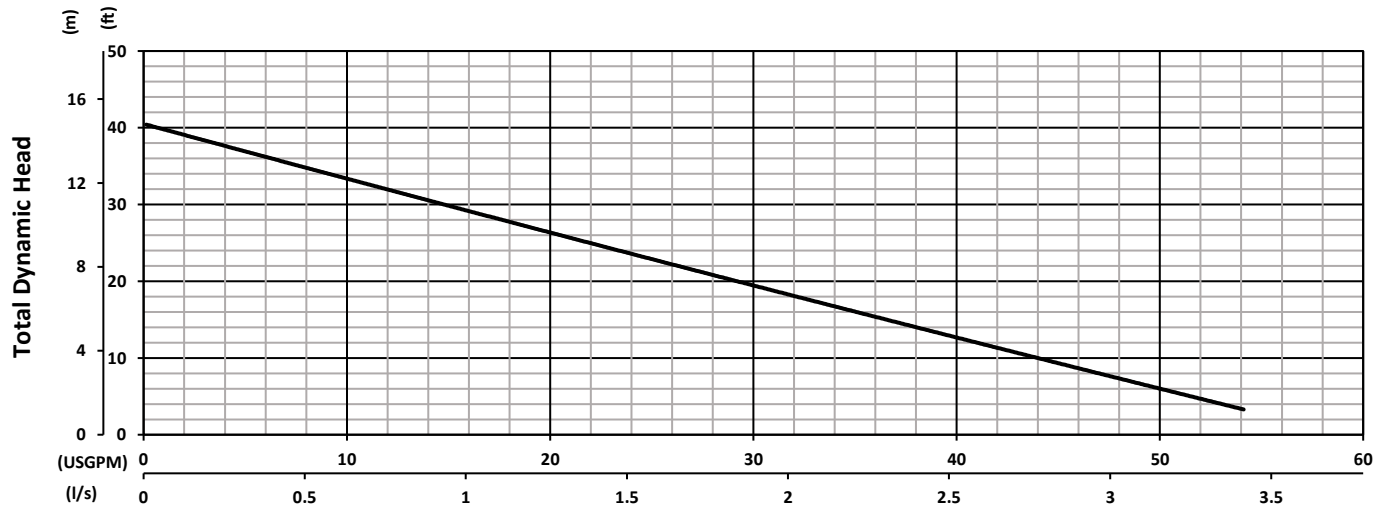
DS-C02-009

Rev:

1

Date:

7/23/2025



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

400 - Dual Units

Frequency  
Pump Speed  
Impeller

60 Hz  
3450 RPM  
95mm

Specifications subject to change without notice