



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

## BJM Pumps® R250

Dwg:

DS-C21-010

Rev:

1

Date:

8/15/2025

### GENERAL DATA

|                              |   |
|------------------------------|---|
| MAX. FLOW:                   | 45 GPM (170.3 L/min)  |
| MAX. HEAD:                   | 31' (9.4m)  |
| 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:           | 3.27" (83 mm)   |
| DISCHARGE SIZE               | 1.5" NPT-MALE   |
| PUMP WEIGHT (without cable): | 29 lbs (13 kg)  |
| SHIPPING WEIGHT:             | 32 lbs (14.5 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           | 0.33 SUBMERSIBLE , (CONTINUOUS DUTY) |
| MOTOR RPM                         | 3450                                 |
| MOTOR INSULATION CLASS            | B                                    |
| MOTOR SERVICE FACTOR              | 1.1                                  |
| VOLTAGE - 1PH - 60Hz <sup>1</sup> | 115V                                 |
| CURRENT F.L.A.                    | 4                                    |
| LOCKED ROTOR CURRENT (LRA)        | 15                                   |
| 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



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FLOW  
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# PERFORMANCE CURVE

## BJM Pumps® R250

Dwg:

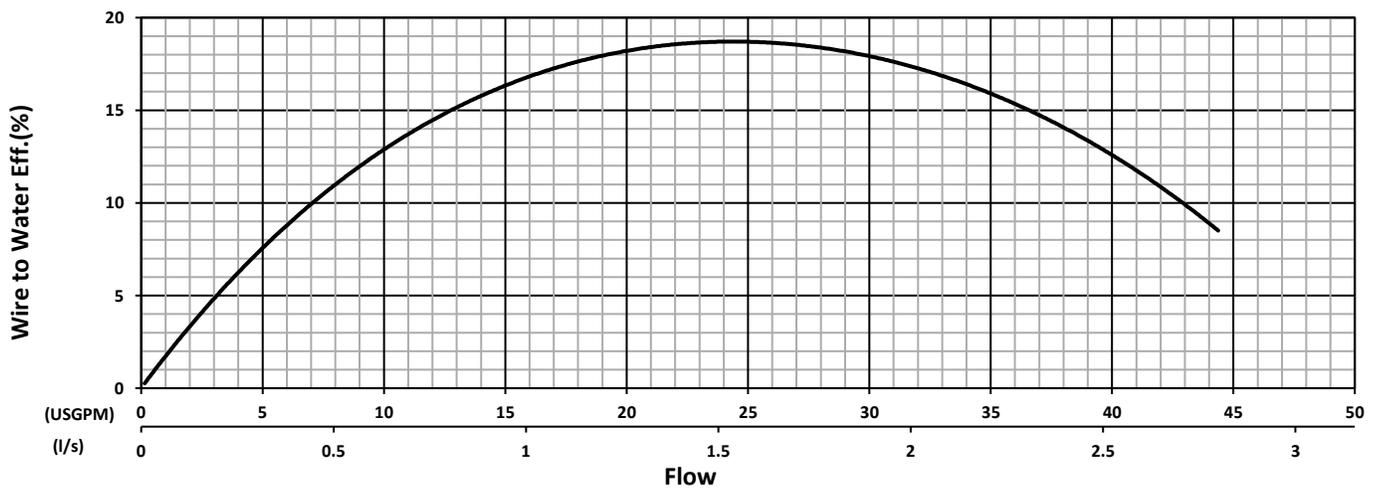
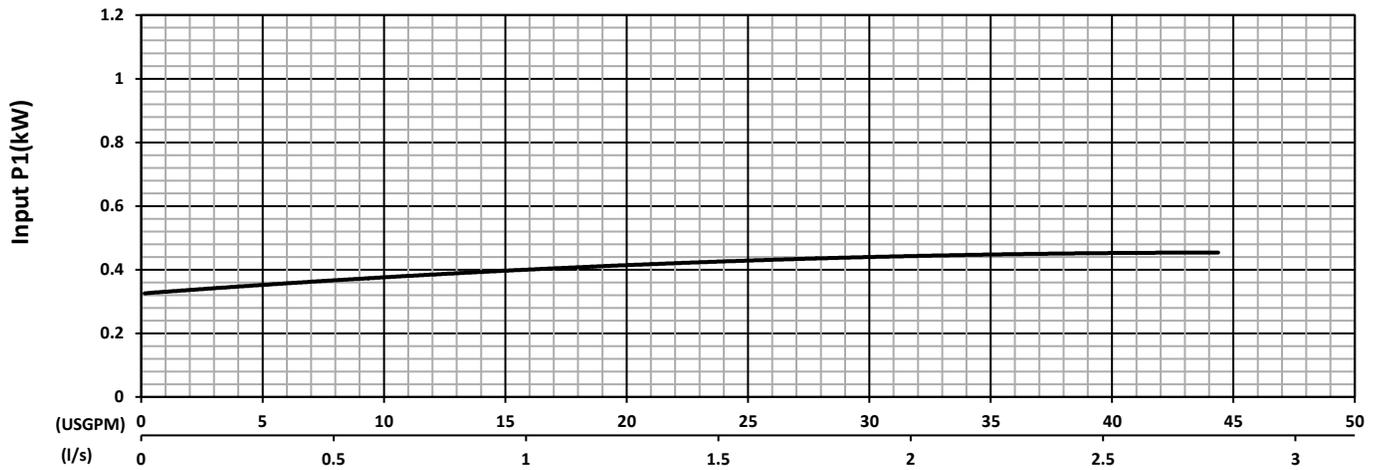
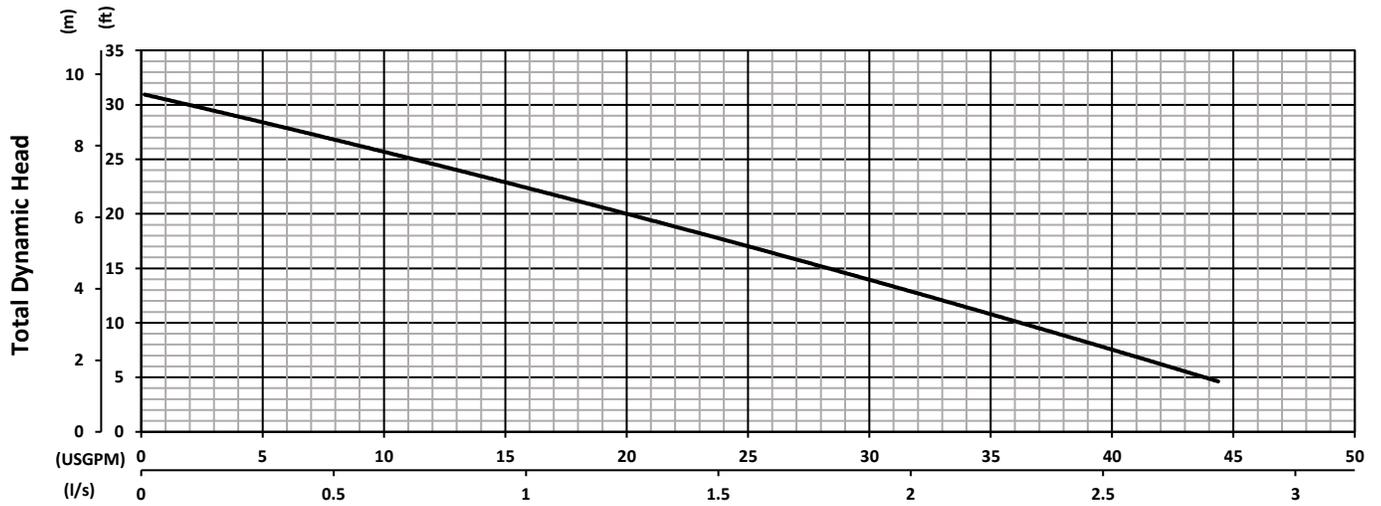
DS-C21-002

Rev:

1

Date:

7/23/2025



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

250 - Dual Units

Frequency  
Pump Speed  
Impeller

60 Hz  
3450 RPM  
83mm

Specifications subject to change without notice