

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® KB220****Dwg:**

DS-C10-005

Rev:

1

Date:

8/19/2024

GENERAL DATA

| | |
|-----------------------------|---|
| MAX. FLOW: | 748 GPM (2831.5 L/min) |
| MAX. HEAD: | 174' (53m) |
| MAX. SUBMERSION DEPTH: | 65' (20m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE | DEWATERING |
| MINIMUM SUBMERSION DEPTH: | 11" (275 mm) |
| SOLID SIZE: | 1" (25 mm) |
| IMPELLER DIAMETER: | 7.13" (181 mm) |
| DISCHARGE SIZE | 6" NPT-MALE |
| PUMP WEIGHT, without cable: | 549 lbs (249 kg) |
| SHIPPING WEIGHT: | 615.1 lbs (279 kg) |

CONSTRUCTION / MATERIAL DATA

| | |
|---------------------------------|--------------------------------------|
| UPPER MECHANICAL SEAL | CARBON/CERAMIC BUNA |
| LOWER MECHANICAL SEAL | SILICON CARBIDE/SILICON CARBIDE BUNA |
| MOTOR CASING | CAST IRON |
| PUMP VOLUTE | DUCTILE IRON |
| IMPELLER | HI-CHROME |
| O-RINGS & LIP SEALS | BUNA |
| ROTOR SHAFT | 304 STAINLESS STEEL |
| EXTERNAL HARDWARE | 304 STAINLESS STEEL |
| BALL BEARING: PERM. LUBE. UPPER | 6306 |
| BALL BEARING: PERM. LUBE. LOWER | 6309/7309 TANDEM DESIGN |

ELECTRICAL / MOTOR DATA

| | | |
|---------------------------------|---|------|
| MOTOR: TYPE, RATING HP | SUBMERSIBLE, 30 (CONTINUOUS DUTY ²) | |
| MOTOR RPM | 3450 | |
| MOTOR INSULATION CLASS | H | |
| MOTOR SERVICE FACTOR | 1.1 | |
| VOLTAGE ¹ - 60 Hz | 460V | 575V |
| CURRENT F.L.A. | 32 | 25.6 |
| LOCKED ROTOR CURRENT (LRA) | 165 | 132 |
| POWER CORD: GAGE; LENGTH | AWG 4/5, 50' (15.2m), SOOW | |
| SENSOR CORD: GAGE; LENGTH | AWG 18/4, 50' (15.2m), SOOW | |
| MOTOR PROTECTION | THERMAL OVERLOAD | |
| SEAL LEAK DETECTOR ³ | 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

3 - Requires a seal fail circuit in control panel for warning signal

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INDUSTRIAL
FLOW
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PERFORMANCE CURVE

BJM Pumps® KB220

Dwg:

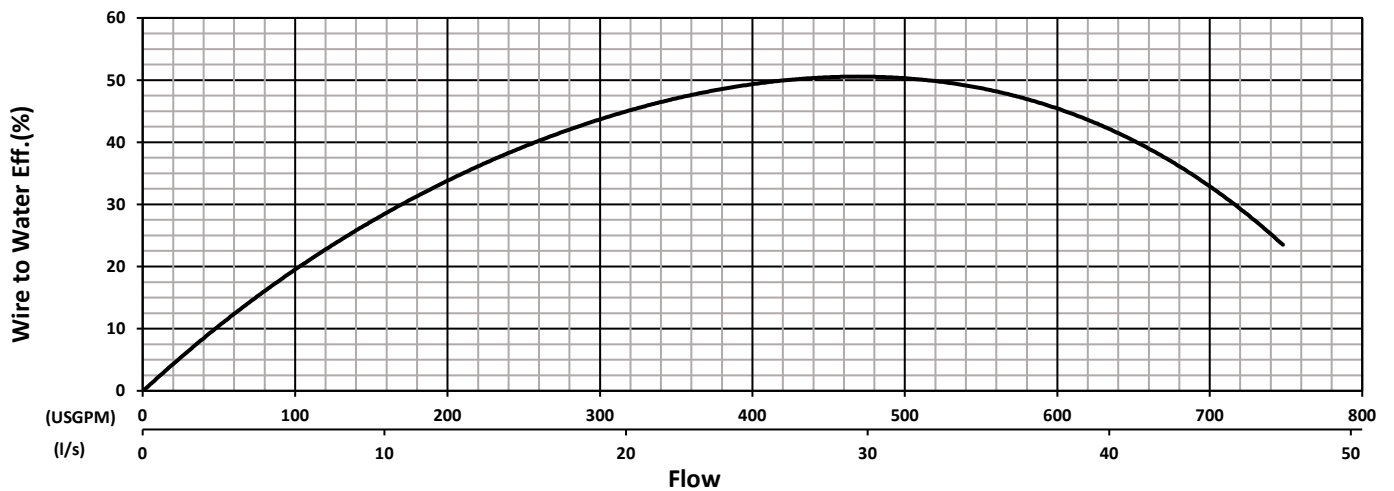
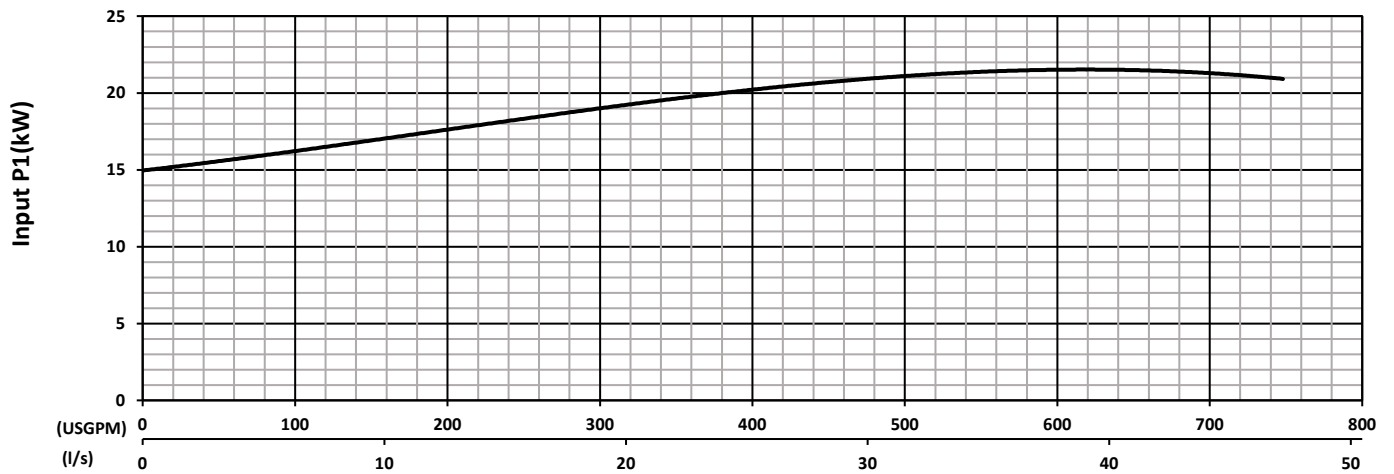
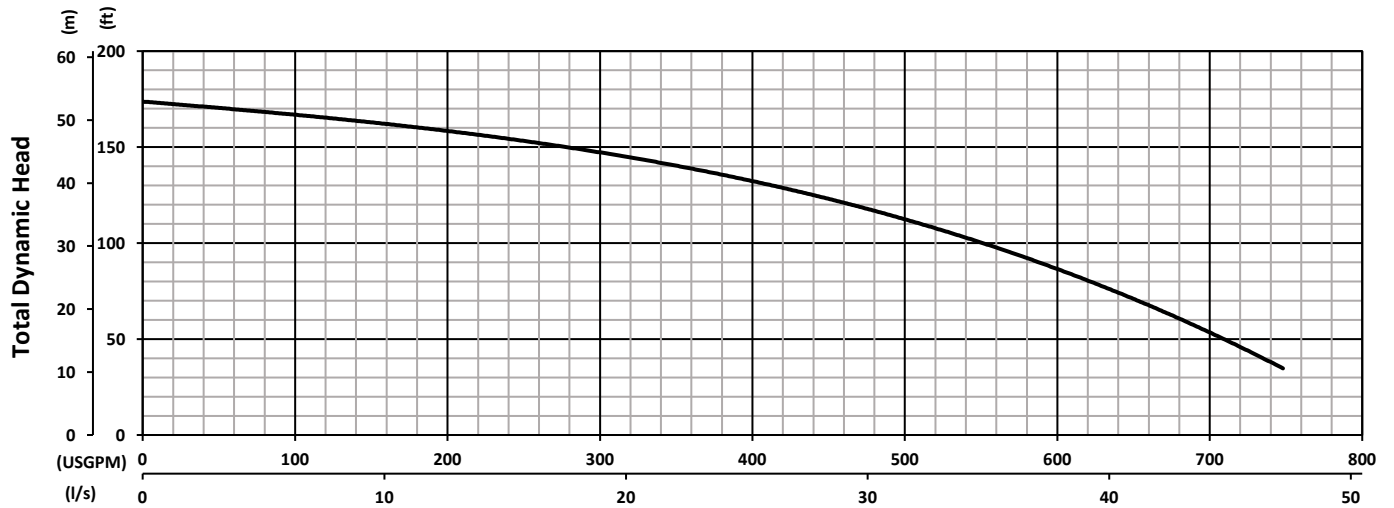
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Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

220 - Dual Units

| | |
|------------|----------|
| Frequency | 60 Hz |
| Pump Speed | 3450 RPM |
| Impeller | 180mm |

Specifications subject to change without notice