

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® JX-150CSSF****Dwg:**

DS-C07-007

Rev:

2

Date:

4/30/2024

GENERAL DATA

| | |
|-----------------------------|---|
| MAX. FLOW: | 722 GPM (2733.1 L/min) |
| MAX. HEAD: | 124' (37.8m) |
| MAX. SUBMERSION DEPTH: | 65' (20m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE | DEWATERING, SIDE DISCHARGE |
| MINIMUM SUBMERSION DEPTH: | 19" (470 mm) |
| SOLID SIZE: | 1" (25 mm) |
| IMPELLER DIAMETER: | 6.42" (163 mm) |
| DISCHARGE SIZE | 6" ANSI SLIP WELD FLANGE |
| SLIDE RAIL SYSTEM | 4" (6" available) |
| PUMP WEIGHT, without cable: | 374.8 lbs (170 kg) |
| SHIPPING WEIGHT: | 440.9 lbs (200 kg) |

CONSTRUCTION / MATERIAL DATA

| | |
|---------------------------------|-------------------------------------|
| UPPER MECHANICAL SEAL | CARBON/CERAMIC FKM |
| LOWER MECHANICAL SEAL | SILICON CARBIDE/SILICON CARBIDE FKM |
| MOTOR CASING | 316 SS |
| PUMP VOLUTE | 316 SS |
| IMPELLER | 316 SS |
| O-RINGS | FKM |
| ROTOR SHAFT | 316 SS |
| EXTERNAL HARDWARE | 316 SS |
| BALL BEARING: PERM. LUBE. UPPER | 6306 |
| BALL BEARING: PERM. LUBE. LOWER | 6309/7309 TANDEM DESIGN |

ELECTRICAL / MOTOR DATA

| | | |
|---------------------------------|---|------|
| MOTOR: TYPE, RATING HP | SUBMERSIBLE, OIL-FILLED, 20 (CONTINUOUS DUTY ²) | |
| MOTOR RPM | 3450 | |
| MOTOR INSULATION CLASS | R, 428°F (220°C) | |
| MOTOR SERVICE FACTOR | 1.1 | |
| VOLTAGE ¹ - 60 Hz | 460V | 575V |
| CURRENT F.L.A. | 23 | 18.4 |
| LOCKED ROTOR CURRENT (LRA) | 120 | 96 |
| POWER CABLE: GAGE; LENGTH | AWG 8/4, 50' (15.2m), HIGH TEMP RATED CORD | |
| SENSOR CABLE: GAGE; LENGTH | AWG 16/4, 50' (15.2m), HIGH TEMP RATED CORD | |
| MOTOR PROTECTION | THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 302°F (150°C) | |
| SEAL LEAK DETECTOR ³ | Seal Minder® MOISTURE SENSING PROBE | |
| MAXIMUM LIQUID TEMPERATURE | 200°F (93°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
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PERFORMANCE CURVE

BJM Pumps JX150SSF

Dwg:

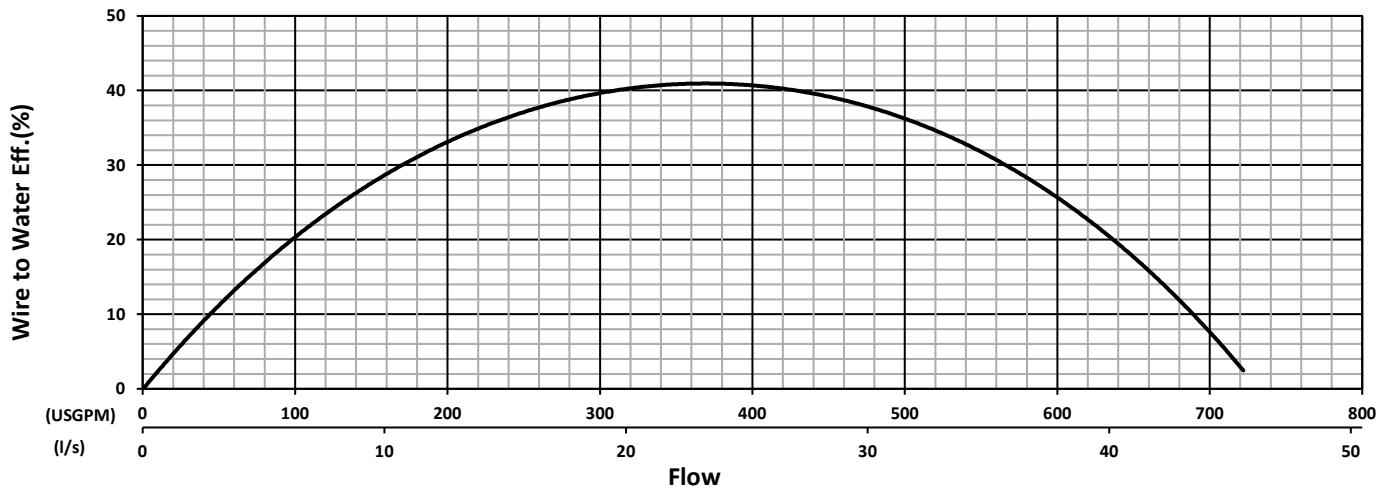
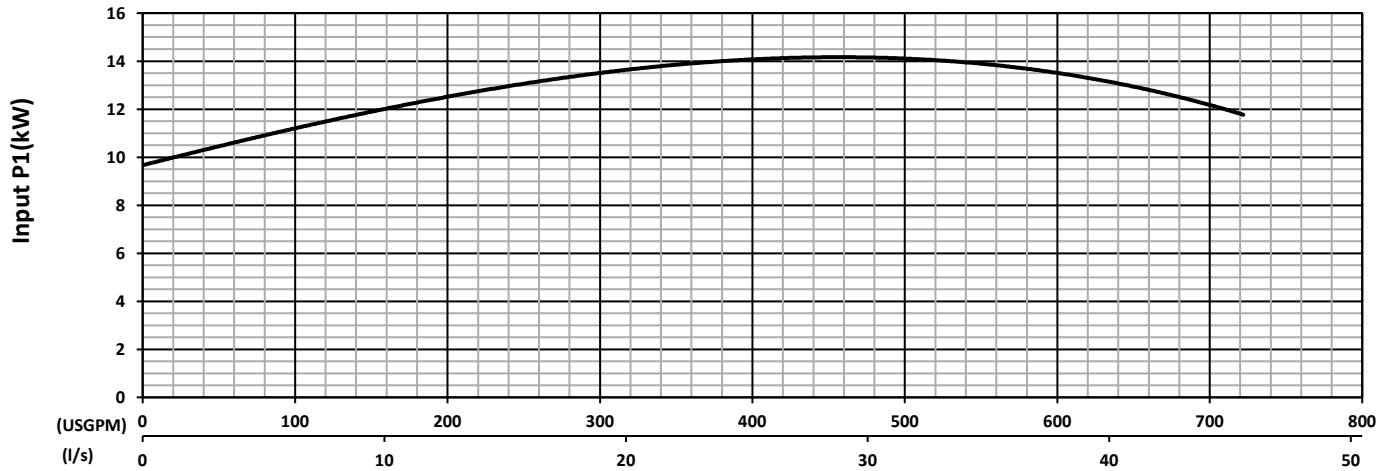
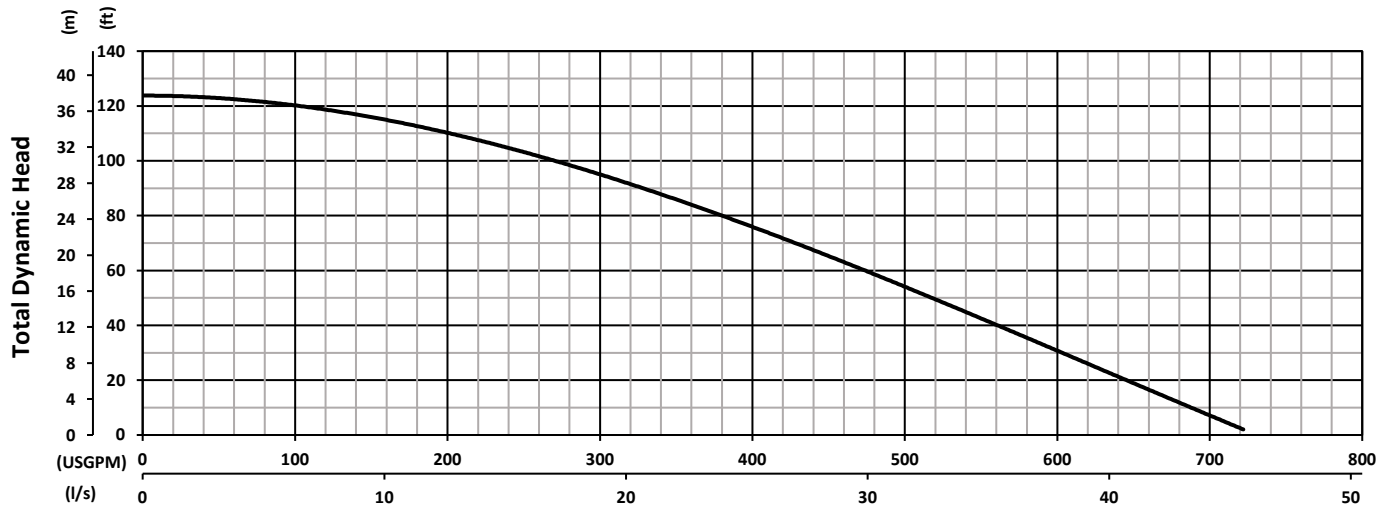
DS-C07-015

Rev:

1

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

150SSF - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 163mm

Specifications subject to change without notice