

**Dwg:**

DS-C08-011

Rev:

1

Date:

9/8/2025

GENERAL DATA

| | |
|--|--|
| MAX. FLOW: | 190 GPM (719.2 LPM) |
| MAX. HEAD: | 116' (35.4m) |
| 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 ³ : | 19.7" (500.4 mm) |
| PUMP DOWN WATER LEVEL: | 6.25" (158.75 mm) |
| SOLID SIZE: | 0.37" (9.5 mm) |
| STRAINER OPENING: | 0.37" (9.5 mm) |
| IMPELLER DIAMETER: | 5.79" (147 mm) |
| DISCHARGE SIZE: | 2" NPT-MALE |
| SLIDE RAIL SYSTEM | 2" STAINLESS STEEL |
| PUMP WEIGHT (without cable): | 97 lbs (44 kg) |
| SHIPPING WEIGHT: | 108 lbs (49 kg) |

CONSTRUCTION / MATERIAL DATA

| | |
|-----------------------------------|--|
| UPPER MECHANICAL SEAL | CARBON/CERAMIC, FKM |
| LOWER MECHANICAL SEAL | SILICON CARBIDE/ SILICONE CARBIDE, FKM |
| MOTOR CASING | 316 SS |
| PUMP VOLUTE | 316 SS |
| IMPELLER | 316 SS |
| STRAINER | 316 SS |
| LIP SEAL & O-RINGS | FKM |
| ROTOR SHAFT | 316 SS |
| EXTERNAL HARDWARE | 316 SS |
| BEARING, PERM. LUBRICATED, UPPER: | 6304 |
| BEARING, PERM. LUBRICATED, LOWER: | 6305 |

ELECTRICAL / MOTOR DATA

| | | | | |
|--|---|------|------|------|
| MOTOR: HP, TYPE, RATING | 5, SUBMERSIBLE, (CONTINUOUS DUTY ³) | | | |
| MOTOR RPM | 3450 | | | |
| MOTOR INSULATION CLASS | F | | | |
| MOTOR SERVICE FACTOR | 1.1 | | | |
| VOLTAGE - 3PH - 60Hz ¹ | 208V | 230V | 460V | 575V |
| CURRENT F.L.A. | 14.7 | 4 | 7 | 5.5 |
| LOCKED ROTOR CURRENT (LRA) | 86.5 | 85 | 43 | 38 |
| POWER CABLE: GAGE-LENGTH | AWG 12/4, 33' (10m) STOW | | | |
| SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH | AWG 18/2, 33' (10m) STOW | | | |
| MOTOR PROTECTION | THERMAL & AMP. OVERLOAD | | | |
| SEAL LEAK DETECTOR (OPTIONAL ²) | Seal Minder® MOISTURE SENSING PROBE | | | |
| MAXIMUM LIQUID TEMPERATURE | 104°F (40°C) | | | |

1 - Available in other voltages for 50Hz

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

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



INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® JX37HSS

Dwg:

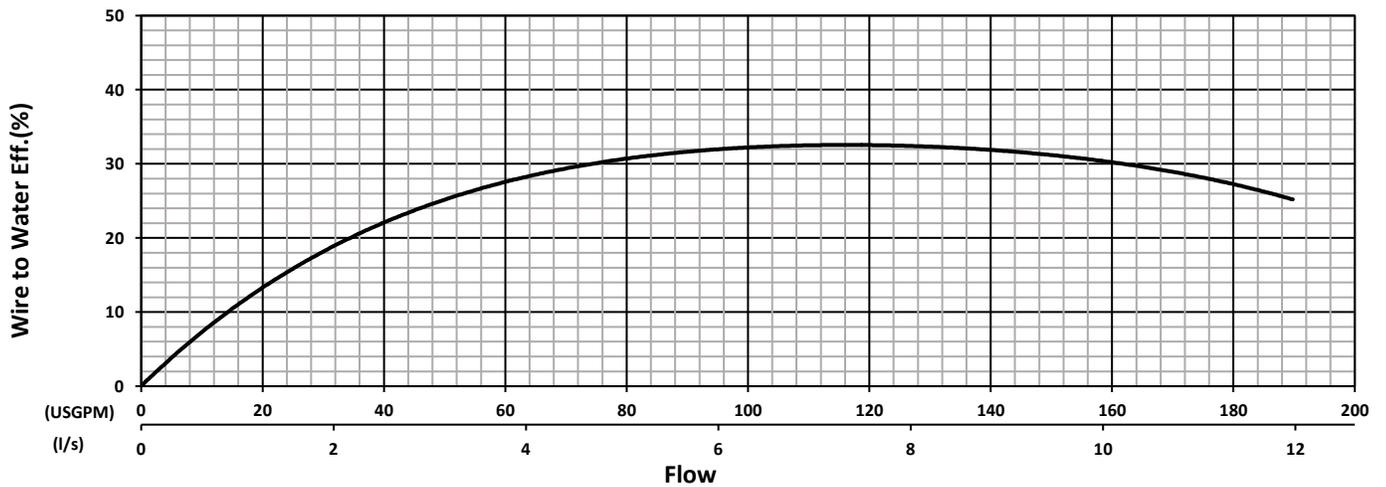
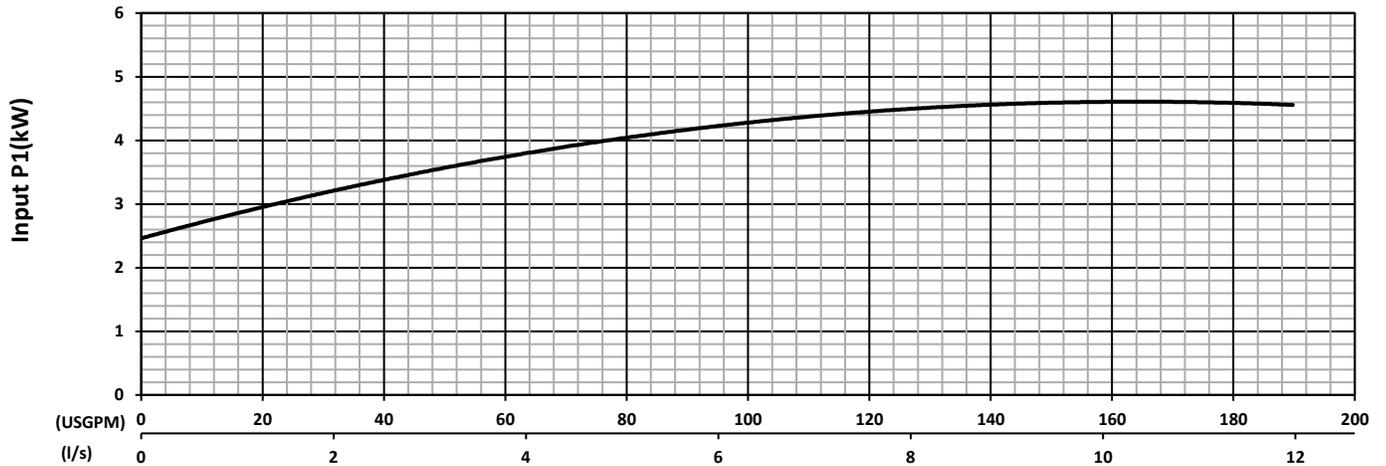
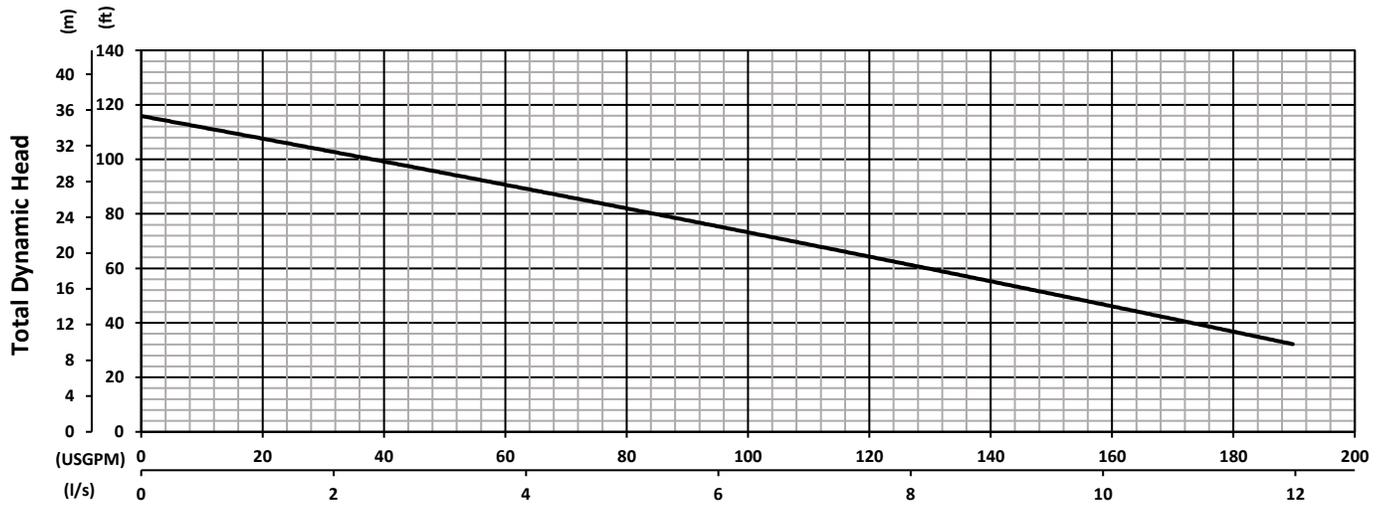
DS-C08-004

Rev:

1

Date:

7/23/2025



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

37HSS - Dual Units

| | |
|------------|----------|
| Frequency | 60 Hz |
| Pump Speed | 3450 RPM |
| Impeller | 147mm |

Specifications subject to change without notice