

TECHNICAL DATA
MODEL J15H
BJM Pumps® SUBMERSIBLE PUMP - CAST IRON
GENERAL DATA



208/230/460/575V

| | |
|--------------------------------------|--|
| MAX. FLOW: GPM (L/min) | 105 GPM (397 L/min) |
| MAX. HEAD: ft (m) | 75' (22.8 m) |
| MAX. SUBMERSION DEPTH: ft (m) | 65' (20m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE | SUMP, SIDE DISCHARGE |
| MINIMUM SUBMERSION DEPTH: in(mm) | 9.5" (241 mm) |
| SOLID SIZE: in (mm) | 3/16" (4.7 mm) |
| STRAINER OPENING | 0.5625"x0.25" (14.3x6.3 mm) slot |
| IMPELLER DIAMETER: in (mm) | 5" (128 mm) |
| DISCHARGE SIZE | 2" NPT-MALE |
| PUMP WEIGHT, without cable: lbs (kg) | 60 lbs (27.3 kg) |
| SHIPPING WEIGHT: lbs (kg) | 69 lbs (31.4 kg) |

CONSTRUCTION / MATERIAL DATA

| | |
|---------------------------------|---|
| MECHANICAL SEAL - UPPER | CARBON/CERAMIC |
| MECHANICAL SEAL - LOWER | SILICON CARBIDE/SILICON CARBIDE |
| MOTOR CASING | 304 SS |
| PUMP VOLUTE | CAST IRON |
| IMPELLER- MULTI VANE | CAST IRON |
| STRAINER | 304 SS |
| LIPSEAL & O-RINGS | BUNA-N |
| ROTOR SHAFT | 304 SS |
| EXTERNAL HARDWARE | 304 SS |
| QTY. OIL IN SEAL CHAMBER | 9 U.S. FL. OZ. (265 C.C.) |
| QTY. OIL IN MOTOR STATOR | No oil in motor stator (After ser# 42043). 13.5 U.S. FL. OZ. (400 C.C.) (Before ser# 42043). |
| BALL BEARING: PERM. LUBE. UPPER | 6203 |
| BALL BEARING: PERM. LUBE. LOWER | 6304 |

ELECTRICAL / MOTOR DATA

| | | | | |
|--|--|------|------|-------------|
| MOTOR: TYPE, RATING HP | SUBMERSIBLE, 2 (CONTINUOUS DUTY ³) | | | |
| MOTOR RPM | 3450 | | | |
| MOTOR INSULATION CLASS | F | | | |
| MOTOR SERVICE FACTOR | 1.1 | | | |
| VOLTAGE ¹ - 3 PH, 60 Hz | 208V option | 230V | 460V | 575V option |
| CURRENT F.L.A. | 6.3 | 6 | 3 | 2.3 |
| LOCKED ROTOR CURRENT (LRA) | 44.6 | 44 | 22 | 15.5 |
| MOTOR PROTECTION | THERMAL & AMP. OVERLOAD | | | |
| POWER CORD: GAGE; LENGTH | A.W.G. 16/4; 33' (10 m), STOW | | | |
| MAXIMUM LIQUID TEMPERATURE | 104°F (40°C) | | | |
| SEAL LEAK DETECTOR ² (OPTIONAL) | Seal Minder®; MOISTURE SENSING PROBE | | | |

1- Available in other voltages (and in 50 Hz).

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

3 - Continuous duty motor – see minimum submersion depth at General Data table above.

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104 John W Murphy Drive

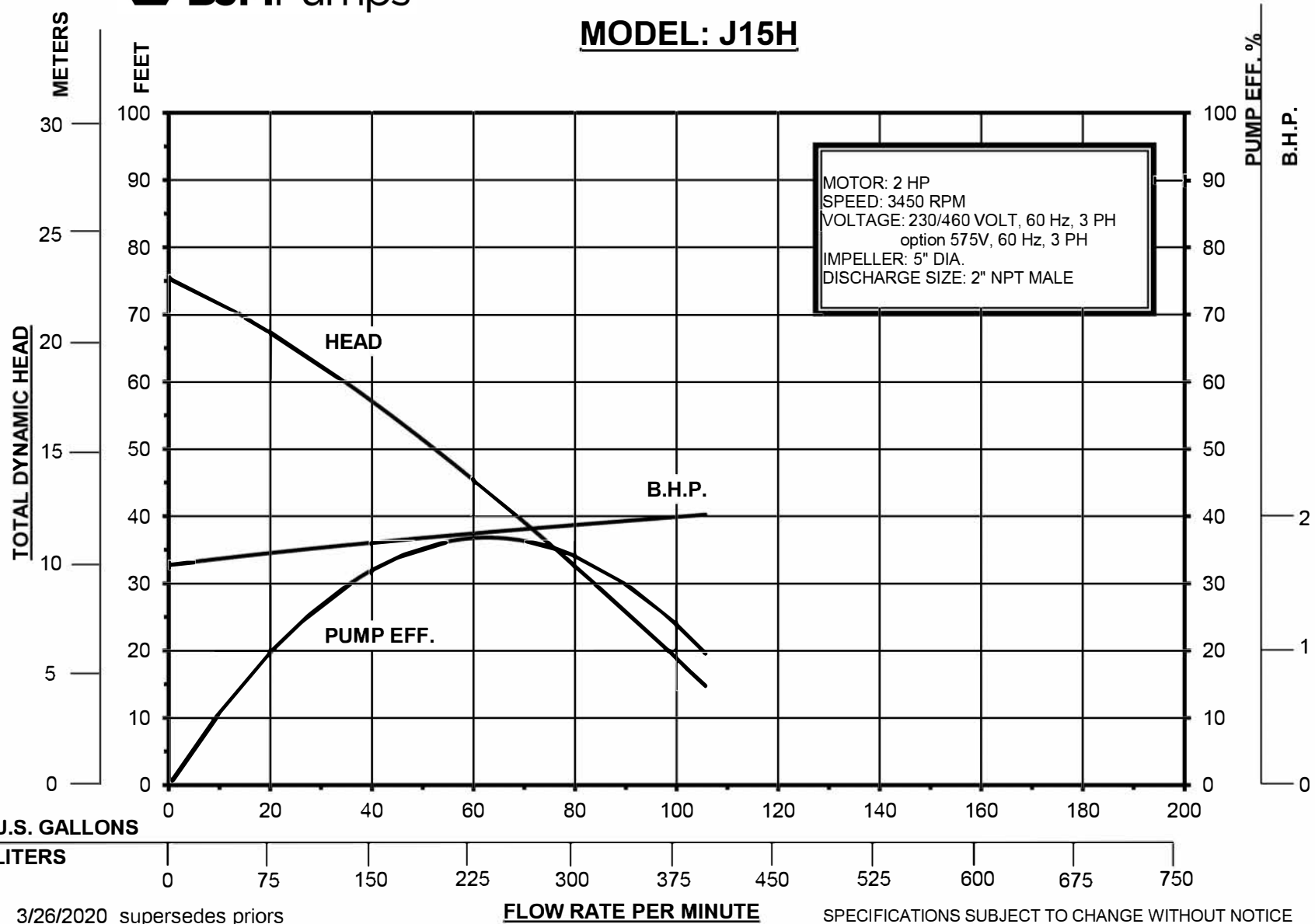
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES
 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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MODEL: J15H



MOTOR: 2 HP
 SPEED: 3450 RPM
 VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH
 option 575V, 60 Hz, 3 PH
 IMPELLER: 5" DIA.
 DISCHARGE SIZE: 2" NPT MALE

3/26/2020 supersedes priors

FLOW RATE PER MINUTE

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