

TECHNICAL DATA
MODEL J75CH
BJM Pumps® SUBMERSIBLE PUMP - CAST IRON
GENERAL DATA

| | |
|--------------------------------------|--|
| MAX. FLOW: GPM (L/min) | 308 GPM (1166 L/min) |
| MAX. HEAD: ft (m) | 138' (42 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) | 18.5" (470 mm) |
| SOLID SIZE: in (mm) | 3/8" (9.5 mm) |
| STRAINER OPENING | 0.375" (9.5 mm) diameter |
| IMPELLER DIAMETER: in (mm) | 6.5" (165 mm) |
| DISCHARGE SIZE | 4" NPT FEMALE |
| SLIDE RAIL SYSTEM | 4" |
| PUMP WEIGHT, without cable: lbs (kg) | 206 lbs (93.6 kg) |
| SHIPPING WEIGHT: lbs (kg) | 248 lbs (112.7 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 | STEEL |
| LIPSEAL & O-RINGS | BUNA-N |
| ROTOR SHAFT | 304 SS |
| EXTERNAL HARDWARE | 304 SS |
| QTY. OIL IN SEAL CHAMBER | 45.6 U.S. FL. OZ. (1350 C.C.) |
| BALL BEARING: PERM. LUBE. UPPER | 6305 |
| BALL BEARING: PERM. LUBE. LOWER | 6307 (x2) |

ELECTRICAL / MOTOR DATA

| | | |
|--|---|-------------|
| MOTOR: TYPE, RATING HP | SUBMERSIBLE, 10 (CONTINUOUS DUTY ³) | |
| MOTOR RPM | 3450 | |
| MOTOR INSULATION CLASS | H | |
| MOTOR SERVICE FACTOR | 1.1 | |
| VOLTAGE ¹ - 3 PH, 60 Hz | 460V | 575V option |
| CURRENT F.L.A. | 15 | 10.5 |
| LOCKED ROTOR CURRENT (LRA) | 108 | 65 |
| MOTOR PROTECTION | THERMAL & AMP. OVERLOAD | |
| POWER CORD: GAGE; LENGTH | A.W.G. 10/4; 33' (10 m), SOOW | |
| 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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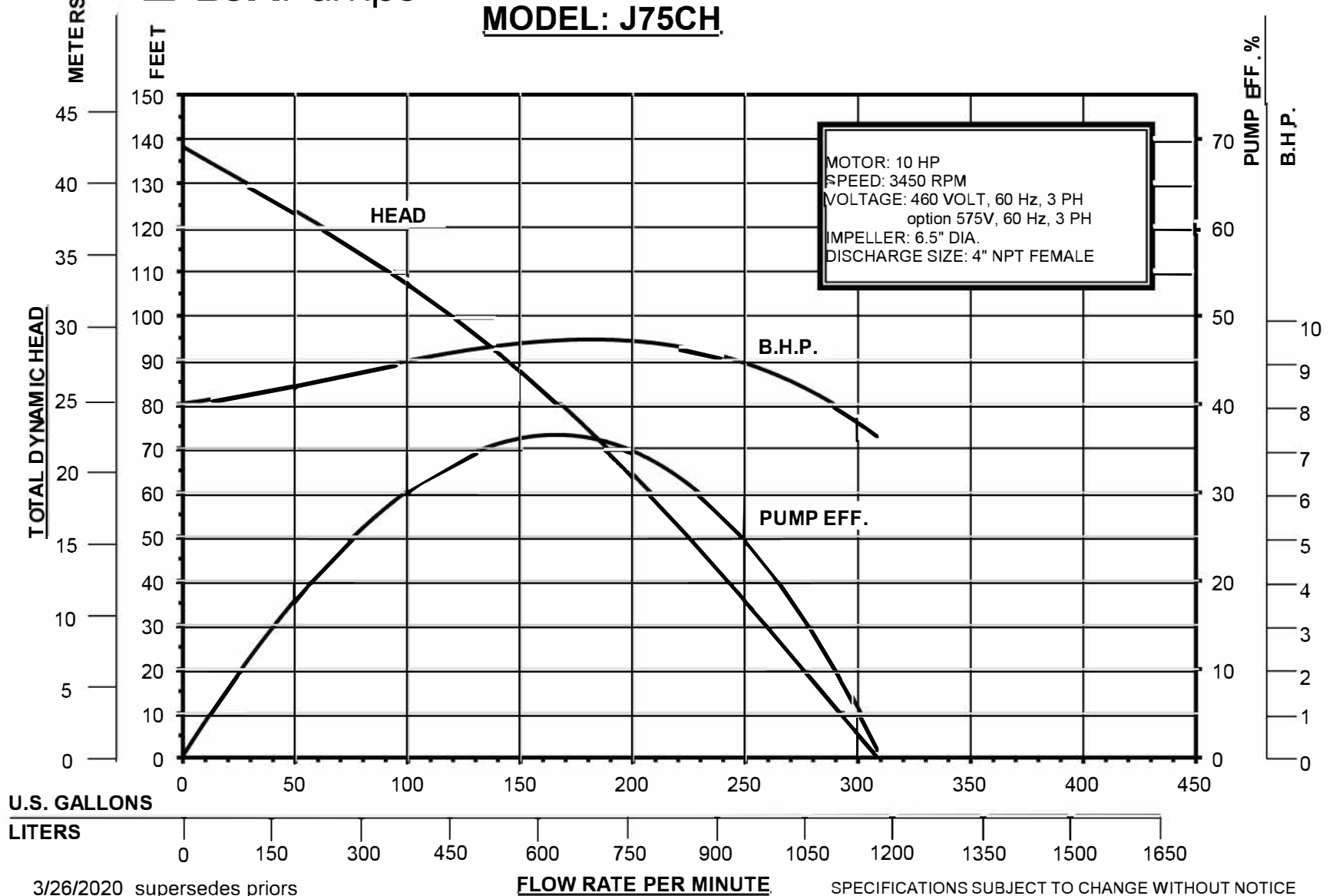
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES
 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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MODEL: J75CH



3/26/2020 supersedes priors

FLOW RATE PER MINUTE

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