

TECHNICAL DATA
MODEL SV750CF
BJM Pumps® SUBMERSIBLE PUMP - CAST IRON For
High Temperature Service
GENERAL DATA

| | |
|--------------------------------------|--|
| MAX. FLOW: GPM (L/min) | 100 GPM (378 L/min) |
| MAX. HEAD: ft (m) | 30' (9.1 m) |
| MAX. SUBMERSION DEPTH: ft (m) | 65' (20m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE | NON CLOG VORTEX, HIGH TEMPERATURE |
| SOLID SIZE: in (mm) | 2" (50 mm) |
| IMPELLER DIAMETER: in (mm) | 3.54" (90 mm) |
| DISCHARGE SIZE | 3" NPT-MALE (2" NPT-MALE OPTIONAL) |
| SLIDE RAIL SYSTEM | 3" DISCHARGE |
| PUMP WEIGHT, without cable: lbs (kg) | 68 lbs (31 kg) |
| SHIPPING WEIGHT: lbs (kg) | 90 lbs (41 kg) |

CONSTRUCTION / MATERIAL DATA

| | |
|------------------------------------|--|
| MECHANICAL SEAL - UPPER | CARBON/ SILICON CARBIDE, FKM |
| MECHANICAL SEAL - LOWER | SILICON CARBIDE/SILICON CARBIDE, FKM |
| MOTOR HOUSING | 304 SS |
| PUMP VOLUTE | CAST IRON |
| IMPELLER | VORTEX, CAST IRON |
| LIP SEALS & O-RINGS | FKM |
| ROTOR SHAFT | 304 SS |
| EXTERNAL HARDWARE | 304 SS |
| QTY. OIL IN MOTOR STATOR | OIL-FILLED W/ ISO 32, NSF FOOD GRADE MINERAL OIL |
| QTY. OIL IN SEAL CHAMBER | 9.3 U.S. FL. OZ. (275 C.C.), W/ ISO 32, NSF FOOD GRADE MINERAL OIL |
| BALL BEARING: OIL LUBRICATED UPPER | 6203 |
| BALL BEARING: OIL LUBRICATED LOWER | 6304 |

ELECTRICAL / MOTOR DATA

| | | |
|---|---|---|
| MOTOR: TYPE, RATING HP | Submersible, Oil-Filled , Continuous Duty, 1 | |
| MOTOR RPM | 3450 | |
| MOTOR INSULATION CLASS | R, 428°F (220°C) | |
| MOTOR SERVICE FACTOR | 1.1 | |
| VOLTAGE - 1 PH, 60 Hz | 115V | 230V |
| CURRENT F.L.A. | 16 | 8.5 |
| LOCKED ROTOR CURRENT (LRA) | 70 | 35 |
| POWER CORD: GAGE; LENGTH | A.W.G. 14/4; 50' (15.2 m), High temp. rated cord | A.W.G. 16/4; 50' (15.2 m), High temp. rated cord |
| SENSOR CORD ¹ : GAGE; LENGTH | A.W.G. 18/4; 50' (15.2 m), HIGH TEMP. RATED CORD | |
| START COMPONENTS | CAPACITOR & START RELAY COMPONENTS ARE IN CONTROL PANEL | |
| MOTOR PROTECTION | THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING, 300°F (149°C) | |
| MAXIMUM LIQUID TEMPERATURE | 200°F (93°C) | |
| SEAL LEAK DETECTOR | Seal Minder®: MOISTURE SENSING PROBE | |

1- Seal minder & thermal sensor cable must be properly connected to a control panel to maintain warranty.

©2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

104 John W Murphy Drive

New Haven, CT. 0613, USA

Tel: (860)399-5937 - Fax: (860)399-7784

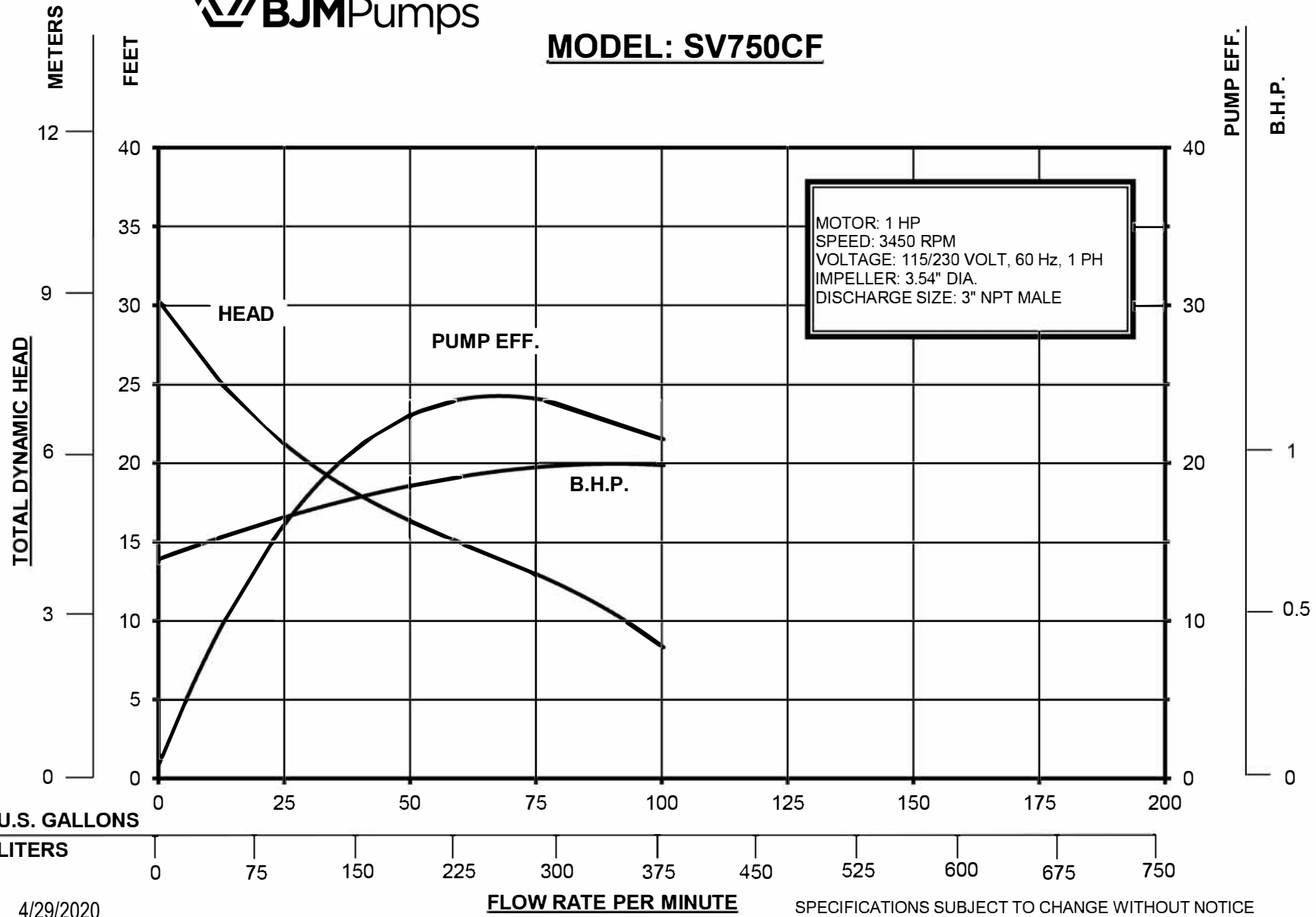
REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Seal Minder® is a registered trademark of Industrial Flow Solutions Operating, LLC. All rights reserved.

© 2020 Industrial Flow Solutions Operating, LLC. All rights reserved.



MODEL: SV750CF



4/29/2020

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE