

TECHNICAL DATA
MODEL SX37CSSF
BJM Pumps® SUBMERSIBLE PUMP-316 SS, 2 VANE IMPELLER
For High Temperature Service
GENERAL DATA

| | |
|--------------------------------------|--|
| MAX. FLOW: GPM (L/min) | 360 GPM (1382 L/min) |
| MAX. HEAD: ft (m) | 62' @ 80 GPM (18.9 m @ 307 L/min) |
| MAX. SUBMERSION DEPTH: ft (m) | 65' (20m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE | OPEN VANE NON CLOG, HIGH TEMPERATURE |
| SOLID SIZE: in (mm) | 1.6" (40.6 mm) |
| IMPELLER DIAMETER: in (mm) | 4.88" (124 mm) |
| DISCHARGE SIZE | 3" FLANGE W/ 4" NPT-FEMALE DISCHARGE |
| SLIDE RAIL DISCHARGE SIZE | 3" |
| PUMP WEIGHT, without cable: lbs (kg) | 121 lbs (55 kg) |
| SHIPPING WEIGHT: lbs (kg) | 139 lbs (63 kg) |

CONSTRUCTION/MATERIAL DATA

| | |
|------------------------------------|--|
| MECHANICAL SEAL - UPPER | CARBON/ SILICON CARBIDE - FKM |
| MECHANICAL SEAL - LOWER | SILICON CARBIDE/SILICON CARBIDE - FKM |
| MOTOR HOUSING | 316 SS |
| PUMP VOLUTE | 316 SS |
| IMPELLER | TWO VANE, 316 SS |
| STAND(INTEGRAL SUCTION COVER) | 316 SS |
| LIPSEAL & O-RINGS | FKM |
| ROTOR SHAFT | 316 SS |
| EXTERNAL HARDWARE | 316 SS |
| QTY. OIL IN MOTOR STATOR | OIL-FILLED W/ ISO 32, NSF FOOD GRADE MINERAL OIL |
| QTY. OIL IN SEAL CHAMBER | 13.5 U.S. FL. OZ. (400 C.C.), ISO 32, NSF FOOD GRADE MINERAL OIL |
| BALL BEARING: OIL LUBRICATED UPPER | 6304 |
| BALL BEARING: OIL LUBRICATED LOWER | 6305 |

ELECTRICAL /MOTOR DATA

| | | | | |
|--|---|------|------|-------------|
| MOTOR: TYPE, RATING HP | Submersible, Oil-Filled , Continuous Duty, 5 | | | |
| MOTOR RPM | 3450 | | | |
| MOTOR INSULATION CLASS | R, 428°F (220°C) | | | |
| MOTOR SERVICE FACTOR | 1.15 | | | |
| VOLTAGE - 3 PH, 60 Hz | 208V option | 230V | 460V | 575V option |
| CURRENT F.L.A. | 14.7 | 14 | 7 | 5.5 |
| LOCKED ROTOR CURRENT (LRA) | 86.5 | 85 | 43 | 38 |
| MOTOR PROTECTION | THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C) | | | |
| POWER CORD: GAGE; LENGTH | A.W.G. 10/4; 33' (10 m), HIGH TEMP. RATED CORD | | | |
| SENSOR CABLE ¹ : GAGE; LENGTH | A.W.G. 18/4; 33' (10 m), HIGH TEMP. RATED CABLE | | | |
| 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

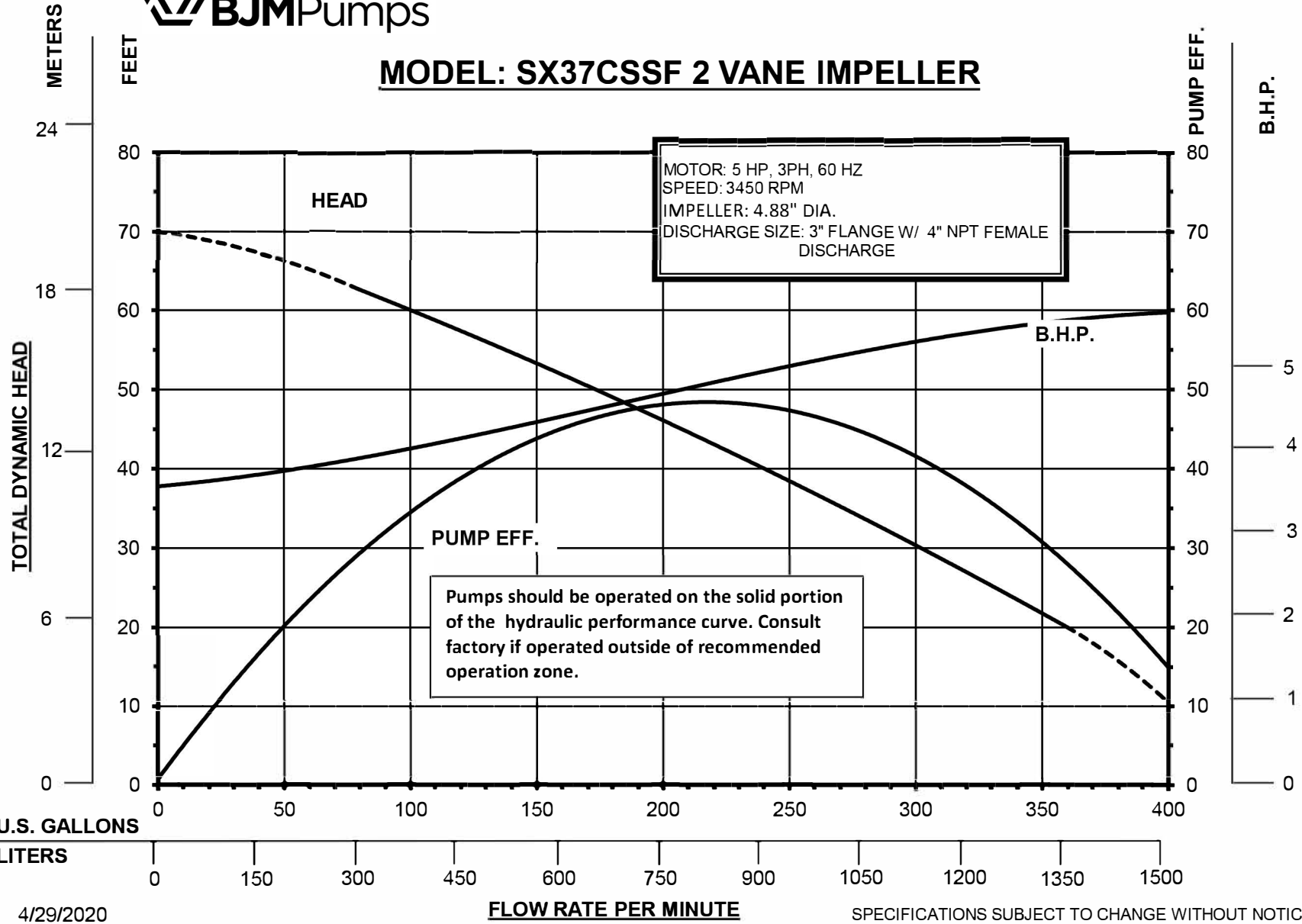
Tel: (860)399-5937 - Fax: (860)399-7784

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: SX37CSSF 2 VANE IMPELLER



MOTOR: 5 HP, 3PH, 60 HZ
 SPEED: 3450 RPM
 IMPELLER: 4.88" DIA.
 DISCHARGE SIZE: 3" FLANGE W/ 4" NPT FEMALE DISCHARGE

Pumps should be operated on the solid portion of the hydraulic performance curve. Consult factory if operated outside of recommended operation zone.

4/29/2020

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE