

TECHNICAL DATA
MODEL SKX750CSSF
BJM Pumps® SHREDDER PUMP - 316 SS For
High Temperature Service
GENERAL DATA

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|--------------------------------------|---|
| MAX. FLOW: GPM (L/min) | 95 GPM (359 L/min) |
| MAX. HEAD: ft (m) | 48' (14.6 m) |
| MAX. SUBMERSION DEPTH: ft (m) | 65' (20m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE | NON CLOG SHREDDER, HIGH TEMPERATURE |
| SOLID SIZE: in (mm) | 2" (50 mm) |
| IMPELLER DIAMETER: in (mm) | 4.33" (110 mm) |
| DISCHARGE SIZE | 2" NPT-MALE |
| SLIDE RAIL DISCHARGE SIZE | 2" |
| PUMP WEIGHT, without cable: lbs (kg) | 66 lbs (30 kg) |
| SHIPPING WEIGHT: lbs (kg) | 85 lbs (38.6 kg) |

CONSTRUCTION / MATERIAL DATA

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|------------------------------------|---|
| MECHANICAL SEAL - UPPER | CARBON/ SILICON CARBIDE, FKM |
| MECHANICAL SEAL - LOWER | SILICON CARBIDE/SILICON CARBIDE, FKM |
| MOTOR HOUSING | 316 SS |
| PUMP VOLUTE | 316 SS |
| IMPELLER | SINGLE VANE, 316 SS |
| IMPELLER SHREDDER BLADE | TUNGSTEN CARBIDE |
| 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/ SHELL FM 32, NSF APPROVED |
| QTY. OIL IN SEAL CHAMBER | 10.1 U.S. FL. OZ. (300 C.C.), SHELL FM 32, NSF APPROVED |
| 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.

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

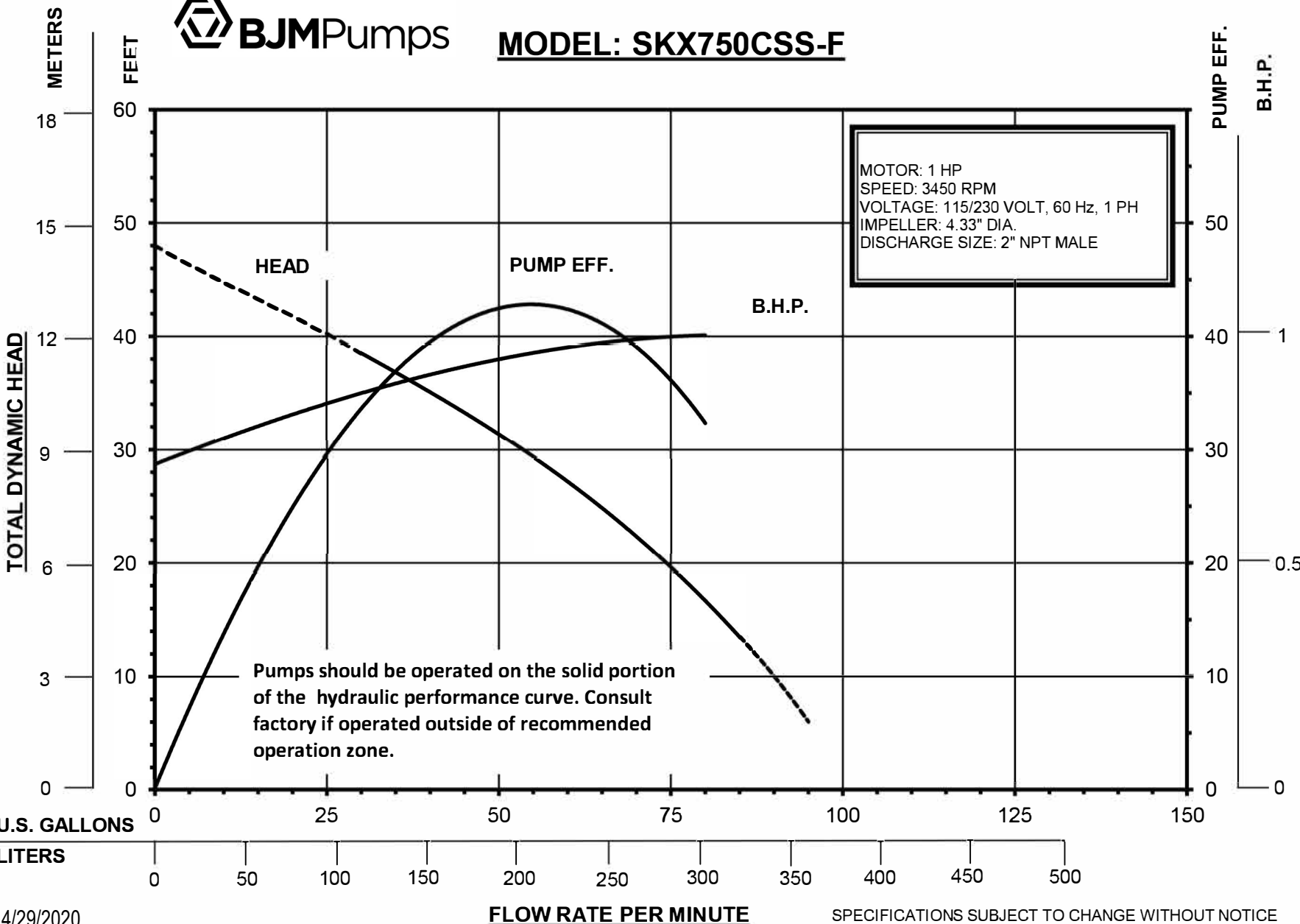
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BJMPumps

MODEL: SKX750CSS-F



4/29/2020

FLOW RATE PER MINUTE

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