

TECHNICAL DATA
MODEL SK15CF
BJM Pumps® SHREDDER PUMP-CAST IRON, 2 VANE IMPELLER
For High Temperature Service
GENERAL DATA

| | |
|--------------------------------------|---|
| MAX. FLOW: GPM (L/min) | 220 GPM (845 L/min) |
| MAX. HEAD: ft (m) | 42' @ 40 GPM (12.8 m @ 154 L/min) |
| 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) | 1.6" (40.6 mm) |
| IMPELLER DIAMETER: in (mm) | 4.25" (108 mm) |
| DISCHARGE SIZE | 3" NPT-MALE |
| SLIDE RAIL DISCHARGE SIZE | 3" |
| PUMP WEIGHT, without cable: lbs (kg) | 80 lbs (36.4 kg) |
| SHIPPING WEIGHT: lbs (kg) | 89 lbs (40.5 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 | TWO VANE, HEAT TREATED DUCTILE IRON |
| IMPELLER SHREDDER BLADE | TUNGSTEN CARBIDE |
| STAND | CAST IRON |
| SUCTION COVER | HEAT TREATED DUCTILE IRON |
| LIPSEAL & 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 | 7.8 U.S. FL. OZ. (230 C.C.), 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, 2 | | | |
| 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. | 6.3 | 6 | 3 | 2.3 |
| LOCKED ROTOR CURRENT (LRA) | 44.6 | 44 | 22 | 15.5 |
| MOTOR PROTECTION | THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C) | | | |
| POWER CORD: GAGE; LENGTH | A.W.G. 16/4; 33' (10m), 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

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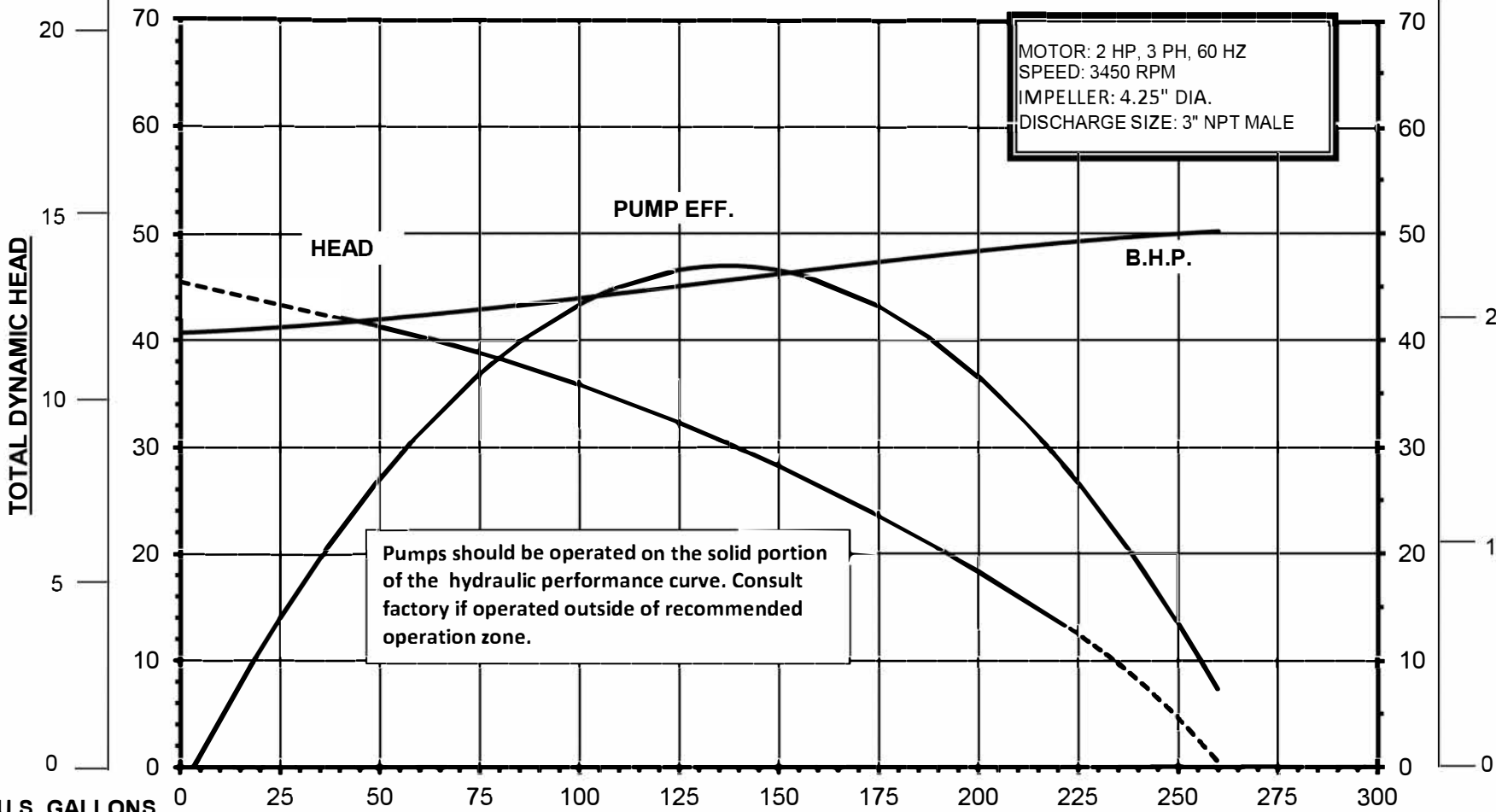
BJMPumps

MODEL: SK15CF 2 VANE IMPELLER

TOTAL DYNAMIC HEAD

METERS
FEET

PUMP EFF.
B.H.P.



U.S. GALLONS
LITERS

4/9/2020

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE