

TECHNICAL DATA
MODEL SK1500CF
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)	40.8' @ 40 GPM (12.4 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)	90 lbs (41 kg)
SHIPPING WEIGHT: lbs (kg)	110 lbs (50 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	230, 1 PH, 60 Hz
CURRENT F.L.A.	16
LOCKED ROTOR CURRENT (LRA)	65
START COMPONENTS	CAPACITOR & START RELAY COMPONENTS ARE IN CONTROL PANEL
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING, 300°F (149°C)
POWER CORD: GAGE; LENGTH	A.W.G. 14/4; 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
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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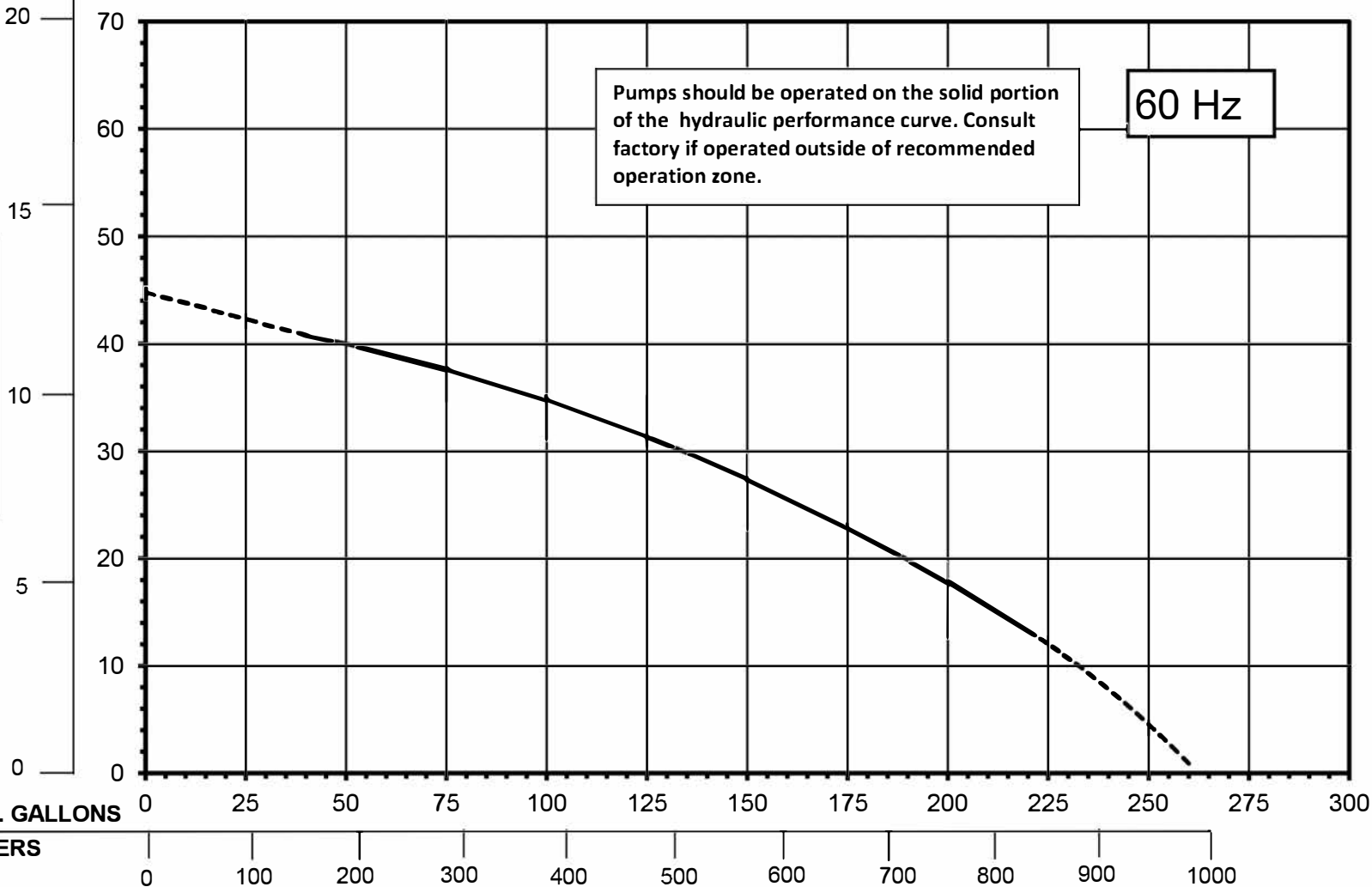


BJMPumps

MODEL: SK1500CF 2 VANE IMPELLER

METERS

FFET



60 Hz

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

U.S. GALLONS
LITERS

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

4/13/2020