

TECHNICAL DATA
MODEL SKX1500CSSF
BJM Pumps® SHREDDER PUMP-316 SS, 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)	93 lbs (42.3 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	316 SS
PUMP VOLUTE	316 SS
IMPELLER	TWO 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/ ISO 32, NSF FOOD GRADE MINERAL OIL
QTY. OIL IN SEAL CHAMBER	10.1 U.S. FL. OZ. (300 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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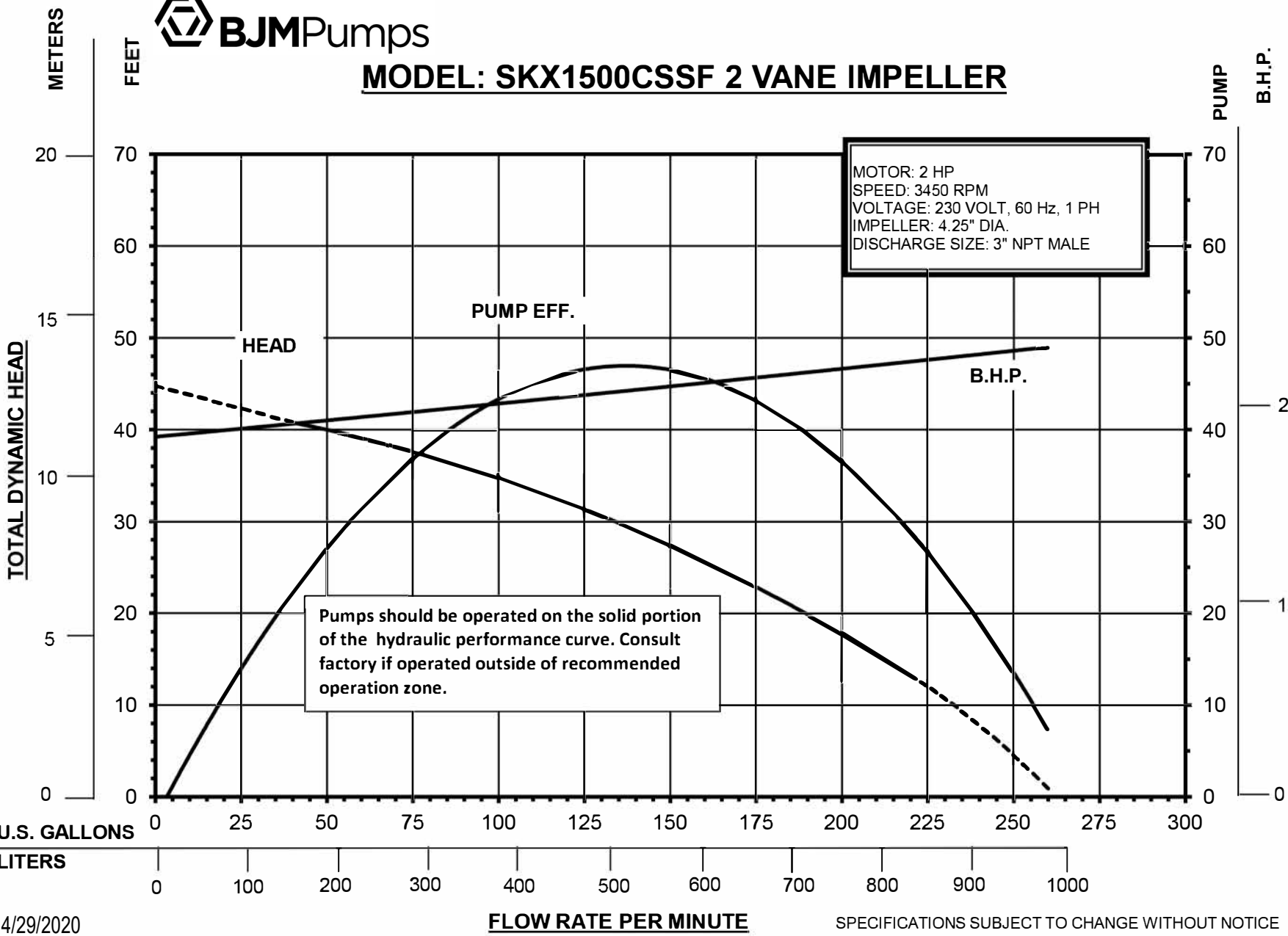
REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
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4/29/2020

FLOW RATE PER MINUTE

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