

TECHNICAL DATA
MODEL SKX110CSS-F
BJM Pumps® SHREDDER PUMP-316 SS For
High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	845 GPM (3198 L/min)
MAX. HEAD: ft (m)	94' (28.6 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON CLOG SHEDDER
SOLID SIZE: in (mm)	3.5" (89 mm)
IMPELLER DIAMETER: in (mm)	10.04" (255 mm)
DISCHARGE SIZE	6" ANSI SLIP WELD FLANGE
SLIDE RAIL DISCHARGE SIZE	6"
PUMP WEIGHT, without cable: lbs (kg)	515 lbs (234.1 kg)
SHIPPING WEIGHT: lbs (kg)	610 lbs (277.3 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
SUCTION COVER	316 SS
STAND	316 SS
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN MOTOR STATOR	160 U.S. FL. OZ. (4732 C.C.), OIL-FILLED W/ FM 32, NSF APPROVED
QTY. OIL IN SEAL CHAMBER	87.9 US FL. OZ. (2600 C.C.), FM 32, NSF APPROVED
BALL BEARING: OIL LUBRICATED UPPER	6306
BALL BEARING: OIL LUBRICATED LOWER	6309 x 2

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 15	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	19.8	13.7
LOCKED ROTOR CURRENT (LRA)	110	85
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
POWER CORD: GAGE; LENGTH	A.W.G. 8/4; 33' (10m), HIGH TEMP. RATED CORD	
SENSOR CABLE: GAGE; LENGTH	A.W.G. 18/4; 33' (10 m), HIGH TEMP. RATED CABLE	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	
SEAL LEAK DETECTOR ¹	Seal Minder®; MOISTURE SENSING PROBE	

1- Requires a seal fail circuit in control panel for warning signal.

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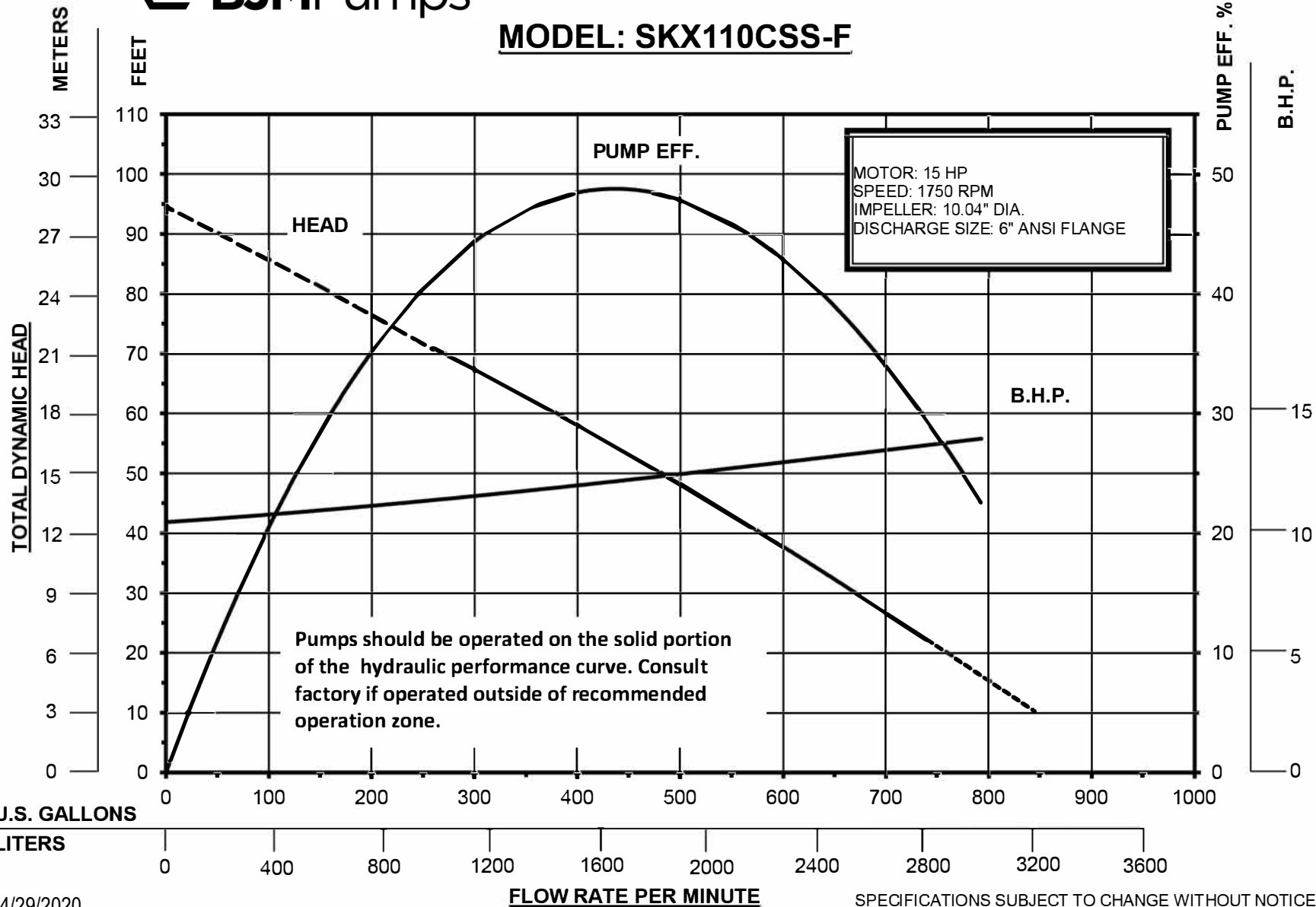
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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