

TECHNICAL DATA
MODEL SK110C-F
BJM Pumps® SHREDDER PUMP-CAST IRON 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 SHREDDER
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)	509 lbs (231.4 kg)
SHIPPING WEIGHT: lbs (kg)	605 lbs (275 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
SUCTION COVER	HEAT TREATED DUCTILE IRON
STAND	CAST IRON
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 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	

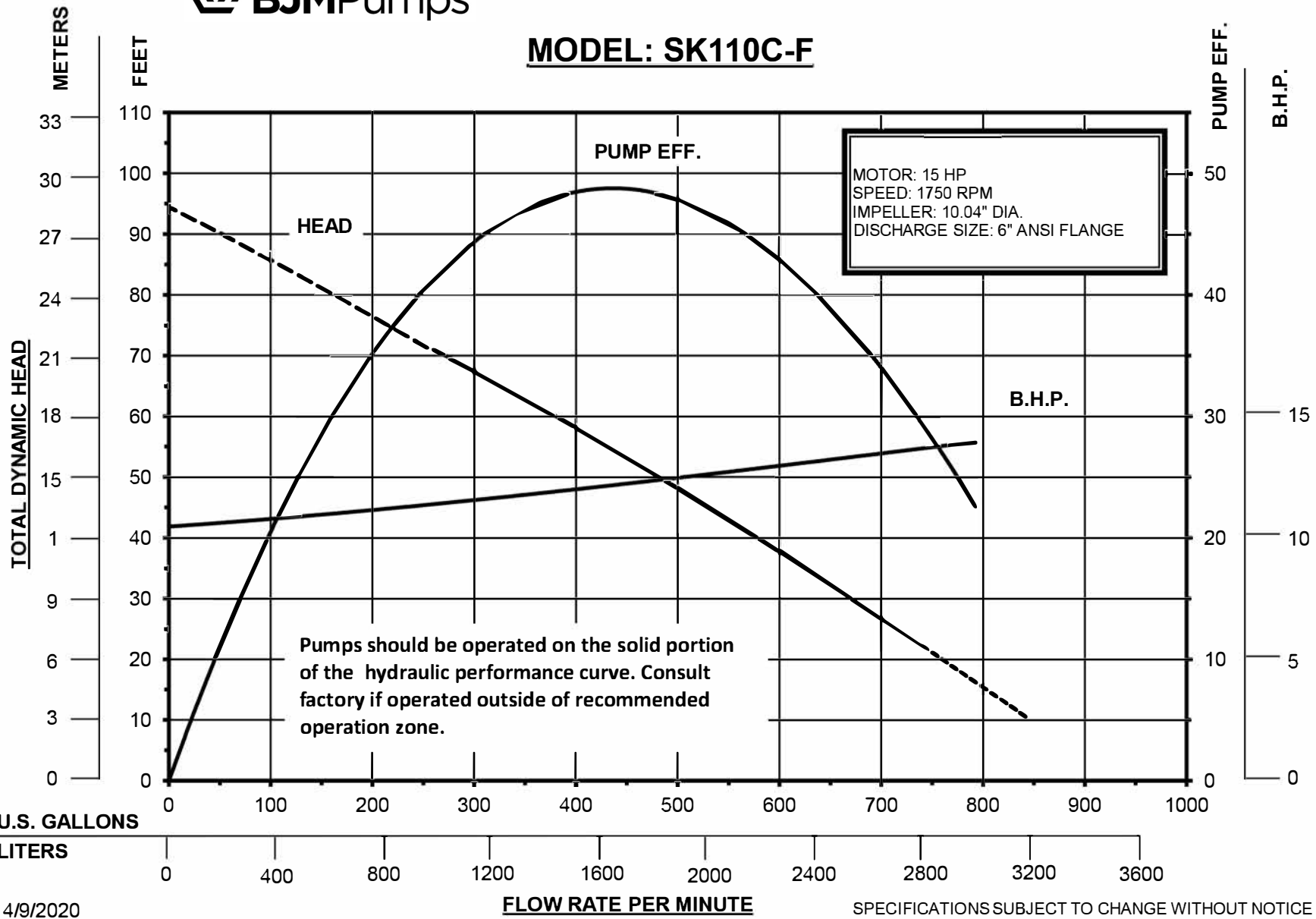
1- Requires a seal fail circuit in control panel for warning signal.

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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
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4/9/2020

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