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10/3/2014
0802
Supersedes
0801

**TECHNICAL DATA
MODEL SX750CSSF
BJM SUBMERSIBLE PUMP - 316 SS
For High Temperature Service
GENERAL DATA**

MAX. FLOW: GPM (L/min)	95 GPM (359 L/min)
MAX. HEAD: ft (m)	48' (14.6 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	OPEN VANE NON CLOG, HIGH TEMPERATURE
SOLID SIZE: in (mm)	2" (50 mm)
IMPELLER DIAMETER: in (mm)	4.33" (110 mm)
DISCHARGE SIZE	2" NPT-MALE
SLIDE RAIL DISCHARGE SIZE	2"
PUMP WEIGHT, without cable: lbs (kg)	66 lbs (30 kg)
SHIPPING WEIGHT: lbs (kg)	85 lbs (38.6 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	SINGLE VANE, 316 SS
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/ SHELL FM 32, NSF APPROVED
QTY. OIL IN SEAL CHAMBER	10.1 U.S. FL. OZ. (300 C.C.), SHELL FM 32, NSF APPROVED
BALL BEARING: OIL LUBRICATED UPPER	6203
BALL BEARING: OIL LUBRICATED LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 1	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1 PH, 60 Hz	115V	230V
CURRENT F.L.A.	16	8.5
LOCKED ROTOR CURRENT (LRA)	70	35
POWER CORD: GAGE; LENGTH	A.W.G. 14/4; 50' (15.2 m), High temp. rated cord	A.W.G. 16/4; 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	
START COMPONENTS	CAPACITOR & START RELAY COMPONENTS ARE IN CONTROL PANEL	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING, 300°F (149°C)	
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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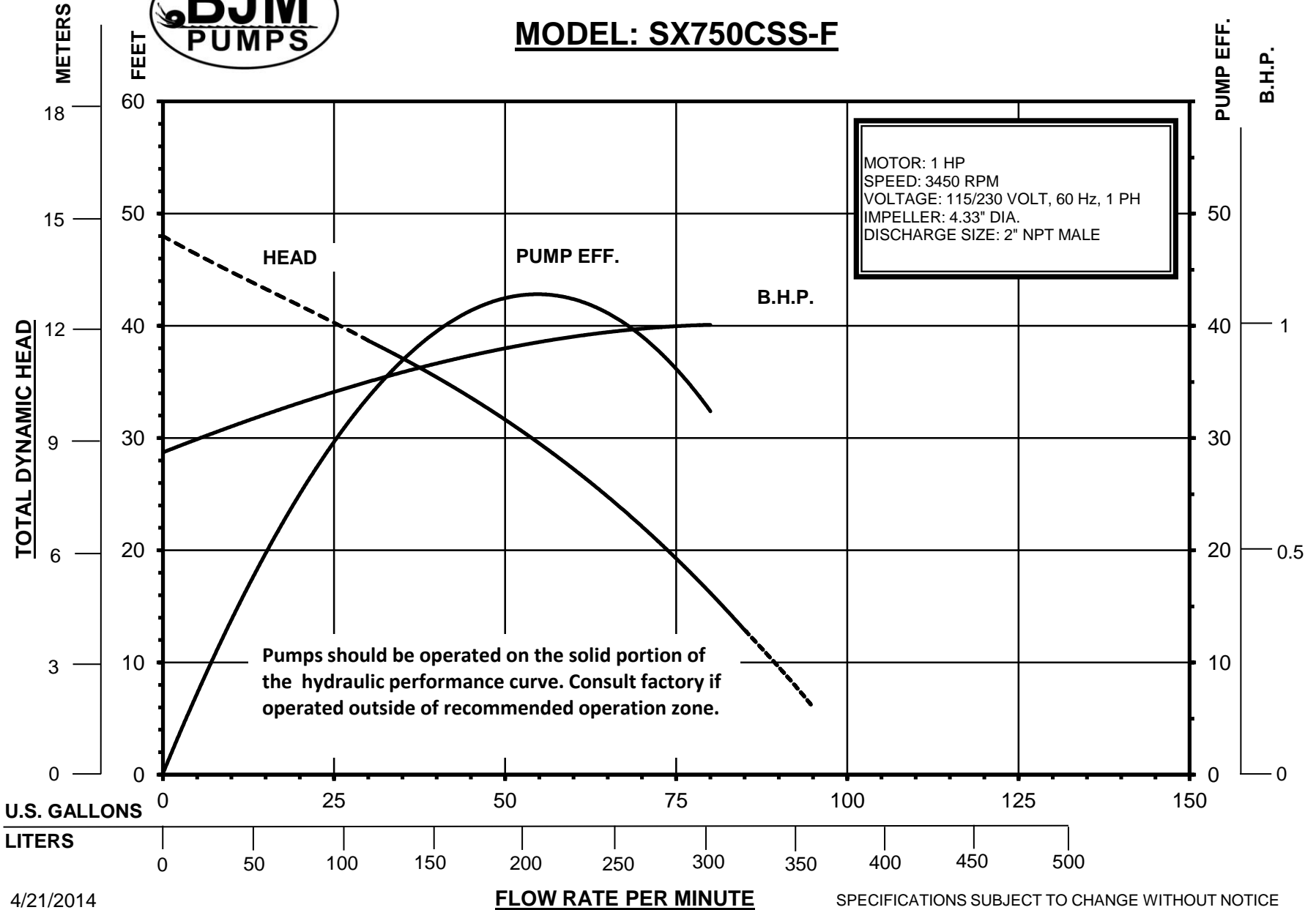
REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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MODEL: SX750CSS-F



4/21/2014

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