

**TECHNICAL DATA**  
**MODEL J750F**  
**BJM Pumps® SUBMERSIBLE PUMP - CAST IRON**  
**For High Temperature Service**  
**GENERAL DATA**

MAX. FLOW: GPM (L/min)	91 GPM (344 L/min)
MAX. HEAD: ft (m)	50' (15.2 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, HIGH TEMPERATURE
SOLID SIZE: in (mm)	3/16" (4.7 mm)
STRAINER OPENING	0.5625"x0.25" (14.3x6.3 mm) slot
IMPELLER DIAMETER: in (mm)	4.33" (110 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	55 lbs (25 kg)
SHIPPING WEIGHT: lbs (kg)	70 lbs (31.8 kg)

**CONSTRUCTION / MATERIAL DATA**

MECHANICAL SEAL - UPPER	CARBON/ SILICON CARBIDE, FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE, FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	304 SS
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN MOTOR STATOR	OIL-FILLED W/ SHELL FM 32, NSF APPROVED
QTY. OIL IN SEAL CHAMBER	9 U.S. FL. OZ. (265 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 <sup>1</sup> : 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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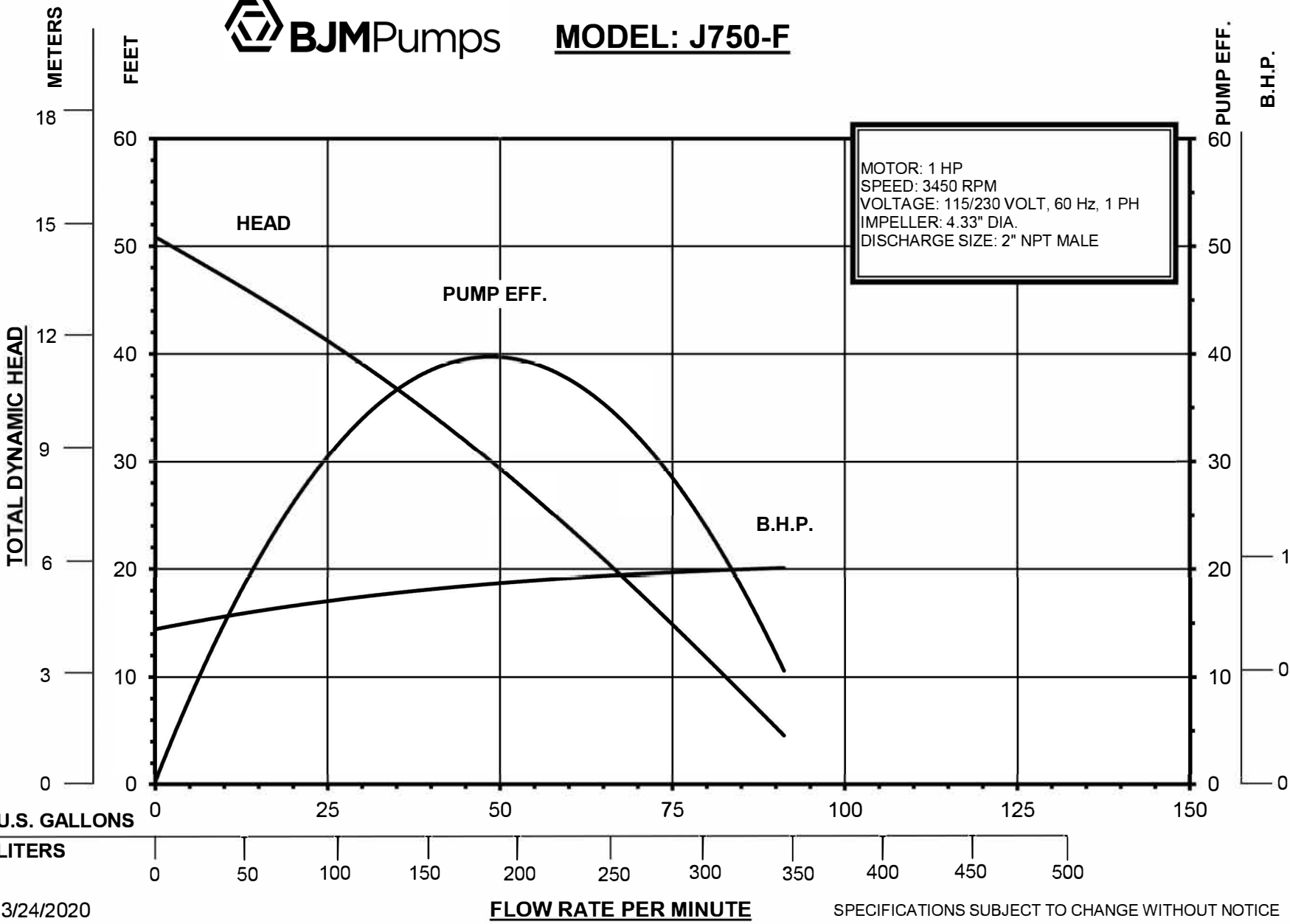
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**BJMPumps**

**MODEL: J750-F**



3/24/2020

**FLOW RATE PER MINUTE**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE