

**TECHNICAL DATA**  
**BJM Pumps® MODEL J15-F SUBMERSIBLE PUMP-CAST**  
**IRON For High Temperature Service**  
**GENERAL DATA**

MAX. FLOW: GPM (L/min)	158 GPM (598 L/min)
MAX. HEAD: ft (m)	60' (18 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
MINIMUM SUBMERSION DEPTH: in(mm)	9.5" (241 mm)
SOLID SIZE: in (mm)	3/16" (4.7 mm)
STRAINER OPENING	0.5625"x0.25" (14.3x6.3 mm) slot
IMPELLER DIAMETER: in (mm)	4.68" (119 mm)
DISCHARGE SIZE	3" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	60 lbs (27.3 kg)
SHIPPING WEIGHT: lbs (kg)	69 lbs (31.4 kg)

**CONSTRUCTION/MATERIAL DATA**

MECHANICAL SEAL - UPPER	CARBON/CERAMIC – VITON® FITTED
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE – VITON FITTED
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	304 SS
LIPSEAL & O-RINGS	VITON
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN MOTOR STATOR	35 U.S. FL. OZ. (1035 C.C.), 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, 2			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	6.3	6	3	2.3
LOCKED ROTOR CURRENT (LRA)	44.6	44	22	15.5
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)			
POWER CORD: GAGE; LENGTH	A.W.G. 16/4; 33' (10 m), 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 <sup>1</sup>	Seal Minder®; MOISTURE SENSING PROBE			

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

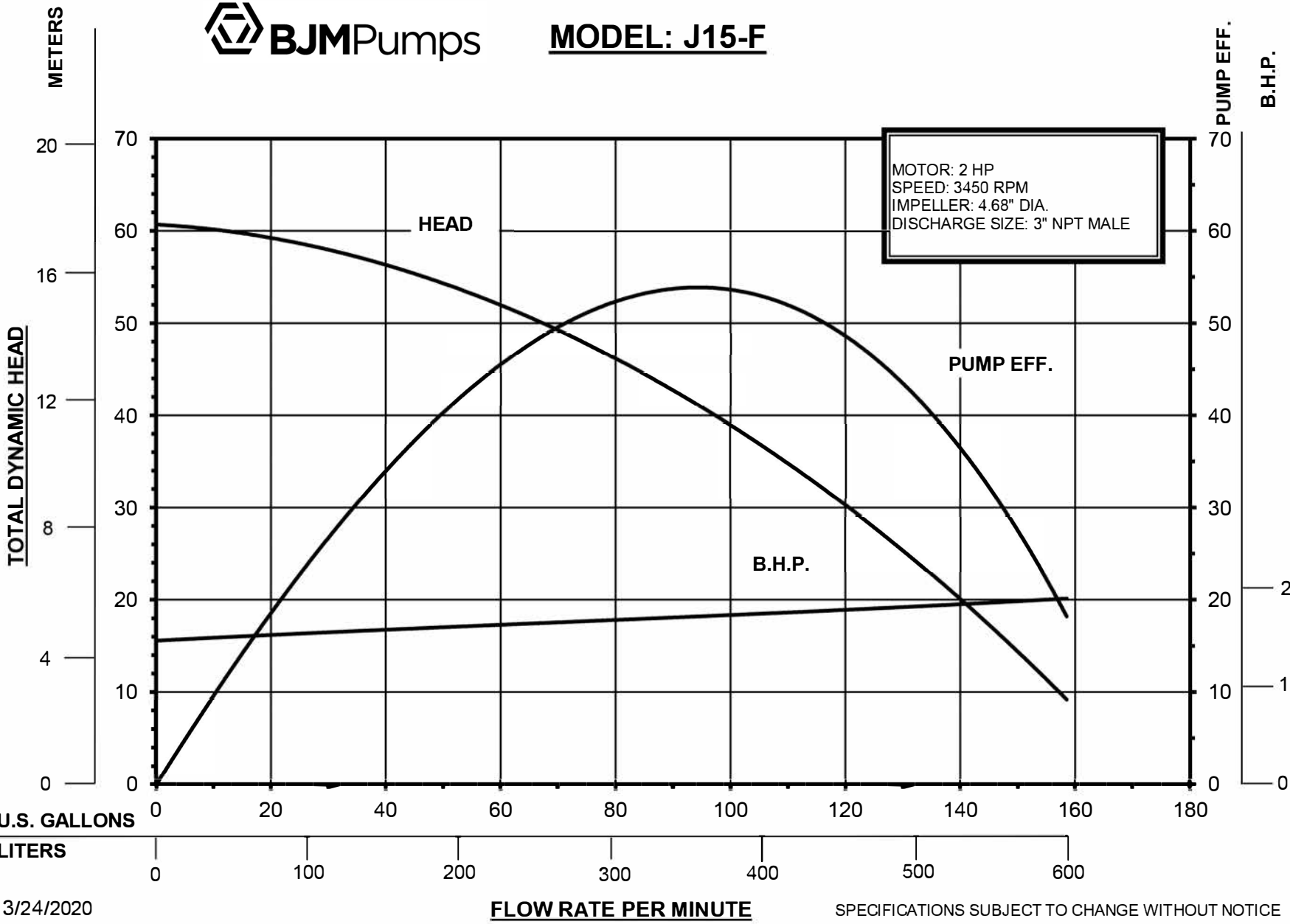
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104 John W Murphy Drive  
 New Haven, CT. 06513, USA  
 Tel: (860)399-5937 - Fax: (860)399-7784

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

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3/24/2020

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