

**TECHNICAL DATA**  
**MODEL SV750C**  
**BJM Pumps® SUBMERSIBLE PUMP - CAST IRON**  
**GENERAL DATA**



MAX. FLOW: GPM (L/min)	100 GPM (378 L/min)
MAX. HEAD: ft (m)	30' (9.1 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON CLOG VORTEX
MINIMUM SUBMERSION DEPTH: in(mm)	12" (305 mm)
SOLID SIZE: in (mm)	2" (50 mm)
IMPELLER DIAMETER: in (mm)	3.54" (90 mm)
DISCHARGE SIZE	3" NPT-MALE (2" NPT-MALE OPTIONAL <sup>4</sup> )
SLIDE RAIL SYSTEM	3" DISCHARGE
PUMP WEIGHT, without cable: lbs (kg)	68 lbs (31 kg)
SHIPPING WEIGHT: lbs (kg)	80 lbs (36.4 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	VORTEX, CAST IRON
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	9.3 U.S. FL. OZ. (275 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 1 (CONTINUOUS DUTY <sup>3</sup> )	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE <sup>1</sup> - 1 PH, 60 Hz	115V	230V
CURRENT F.L.A.	14	7
LOCKED ROTOR CURRENT (LRA)	70	35
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
POWER CORD: GAGE; LENGTH	A.W.G. 14/3; 33' (10m), STOW	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	
SEAL LEAK DETECTOR <sup>2</sup> (OPTIONAL)	Seal Minder®; MOISTURE SENSING PROBE	

1- Available in other voltages (and in 50 Hz).

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

3 - Continuous duty motor – see minimum submersion depth at General Data table above.

4 - Convert to 2" NPT-M discharge option, requires P/N 3809A and 3802.

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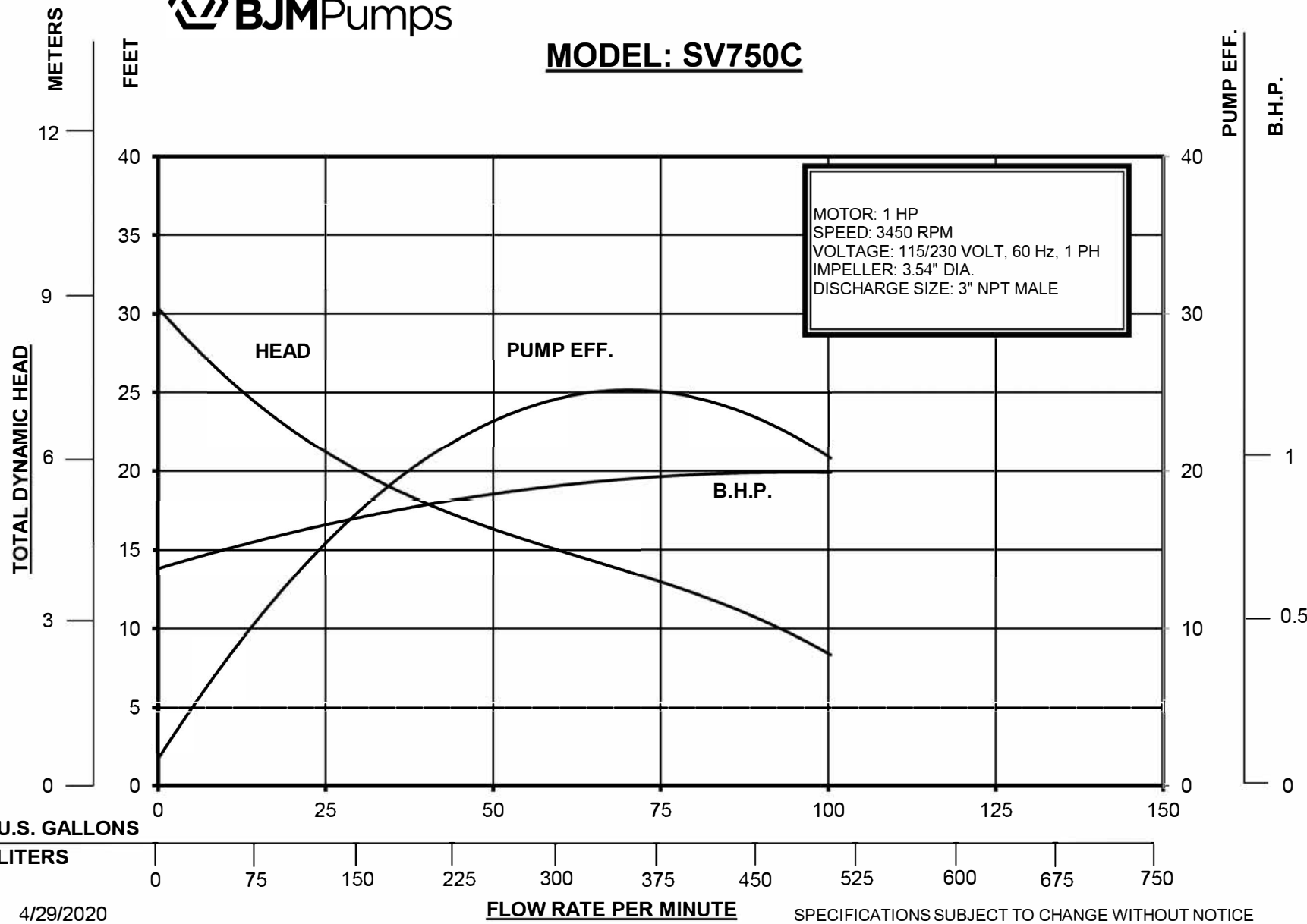
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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**MODEL: SV750C**



4/29/2020

**FLOW RATE PER MINUTE**

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