

TECHNICAL DATA
MODEL SV08C
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)	11" (279 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 ⁴)
SLIDE RAIL SYSYEM	3" DISCHARGE
PUMP WEIGHT, without cable: lbs (kg)	63 lbs (28.6 kg)
SHIPPING WEIGHT: lbs (kg)	74 lbs (33.6 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 ³)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE ¹ - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	3.5	3.2	1.6	1.3
LOCKED ROTOR CURRENT (LRA)	18.15	18	9	8
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
POWER CORD: GAGE; LENGTH	A.W.G. 16/4; 33' (10m), STOW			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			
SEAL LEAK DETECTOR ² (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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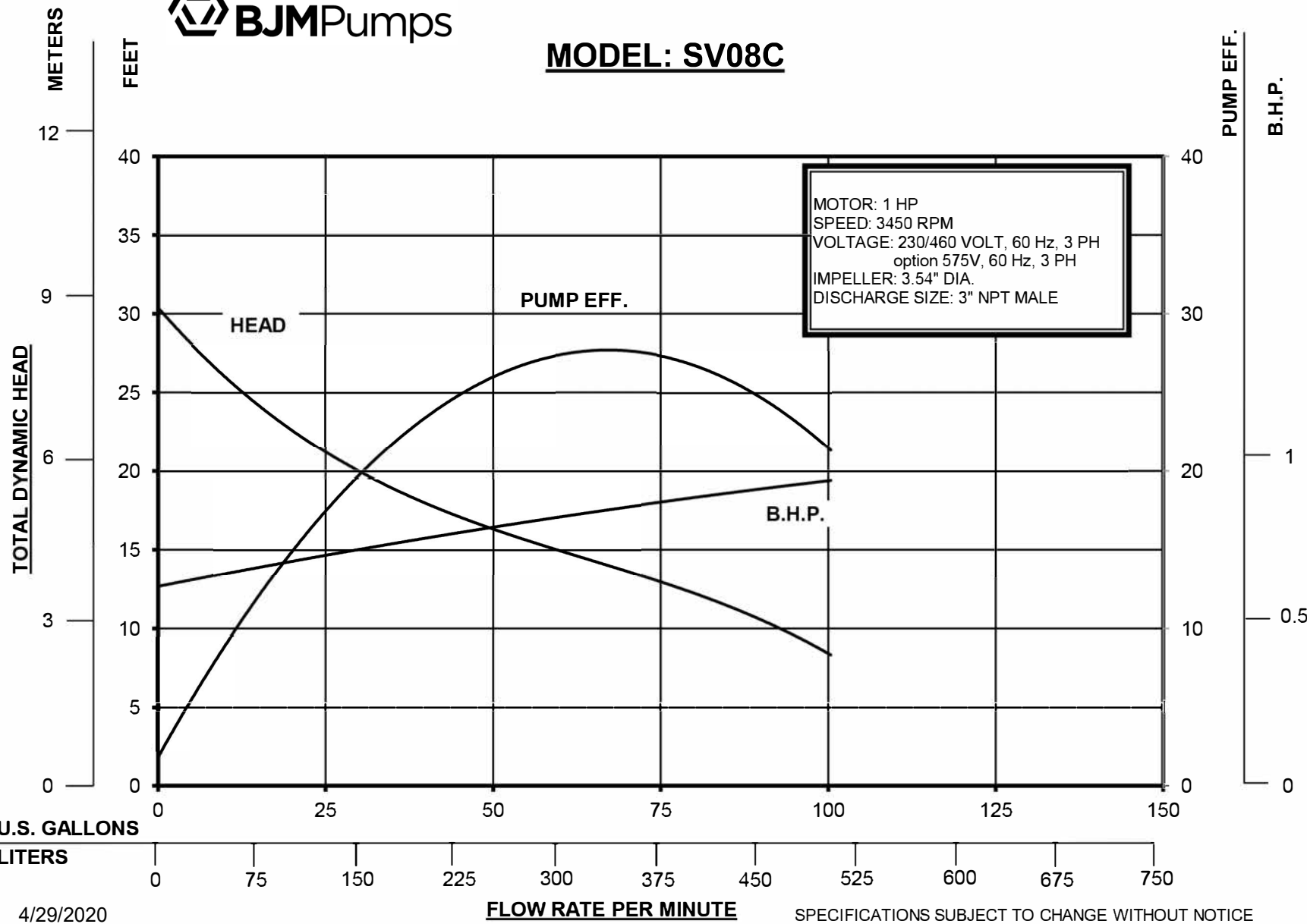
REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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4/29/2020

FLOW RATE PER MINUTE

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