

TECHNICAL DATA
MODEL SV1500C
BJM Pumps® SUBMERSIBLE PUMP - CAST IRON
GENERAL DATA



MAX. FLOW: GPM (L/min)	171 GPM (647 L/min)
MAX. HEAD: ft (m)	29' (8.8 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)	14.5" (368 mm)
SOLID SIZE: in (mm)	2.5" (64 mm)
IMPELLER DIAMETER: in (mm)	3.74" (95 mm)
DISCHARGE SIZE	3" NPT-FEMALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT, without cable: lbs (kg)	92 lbs (41.8 kg)
SHIPPING WEIGHT: lbs (kg)	104 lbs. (47.3 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	DUCTILE 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, 2 (CONTINUOUS DUTY ³)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ¹	230, 1 PH, 60 Hz
CURRENT F.L.A.	14
LOCKED ROTOR CURRENT (LRA)	65
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 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.

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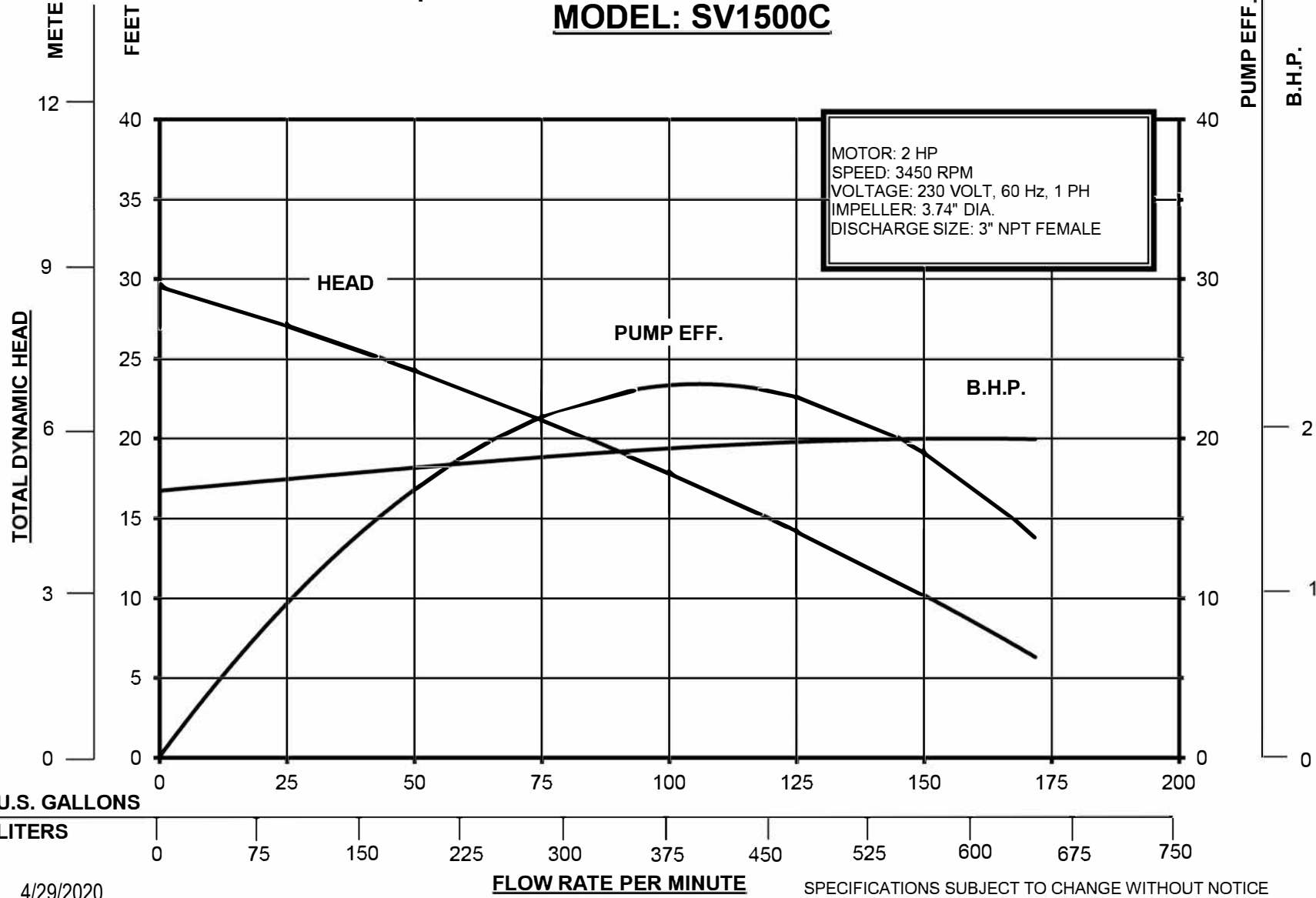
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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4/29/2020

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