

TECHNICAL DATA
MODEL SV1500CF
BJM Pumps® SUBMERSIBLE PUMP - CAST IRON For
High Temperature Service
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, HIGH TEMPERATURE
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)	110 lbs. (50 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	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	9.3 U.S. FL. OZ. (275 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	230, 1 PH, 60 Hz
CURRENT F.L.A.	16
LOCKED ROTOR CURRENT (LRA)	65
START COMPONENTS	CAPACITOR & START RELAY COMPONENTS ARE IN CONTROL PANEL
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING, 300°F (149°C)
POWER CORD: GAGE; LENGTH	A.W.G. 14/4; 50' (15.2 m), HIGH TEMP. RATED CORD
SENSOR CORD ¹ : GAGE; LENGTH	A.W.G. 18/4; 50' (15.2 m), HIGH TEMP. RATED CORD
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)
SEAL LEAK DETECTOR	Seal Minder®; MOISTURE SENSING PROBE

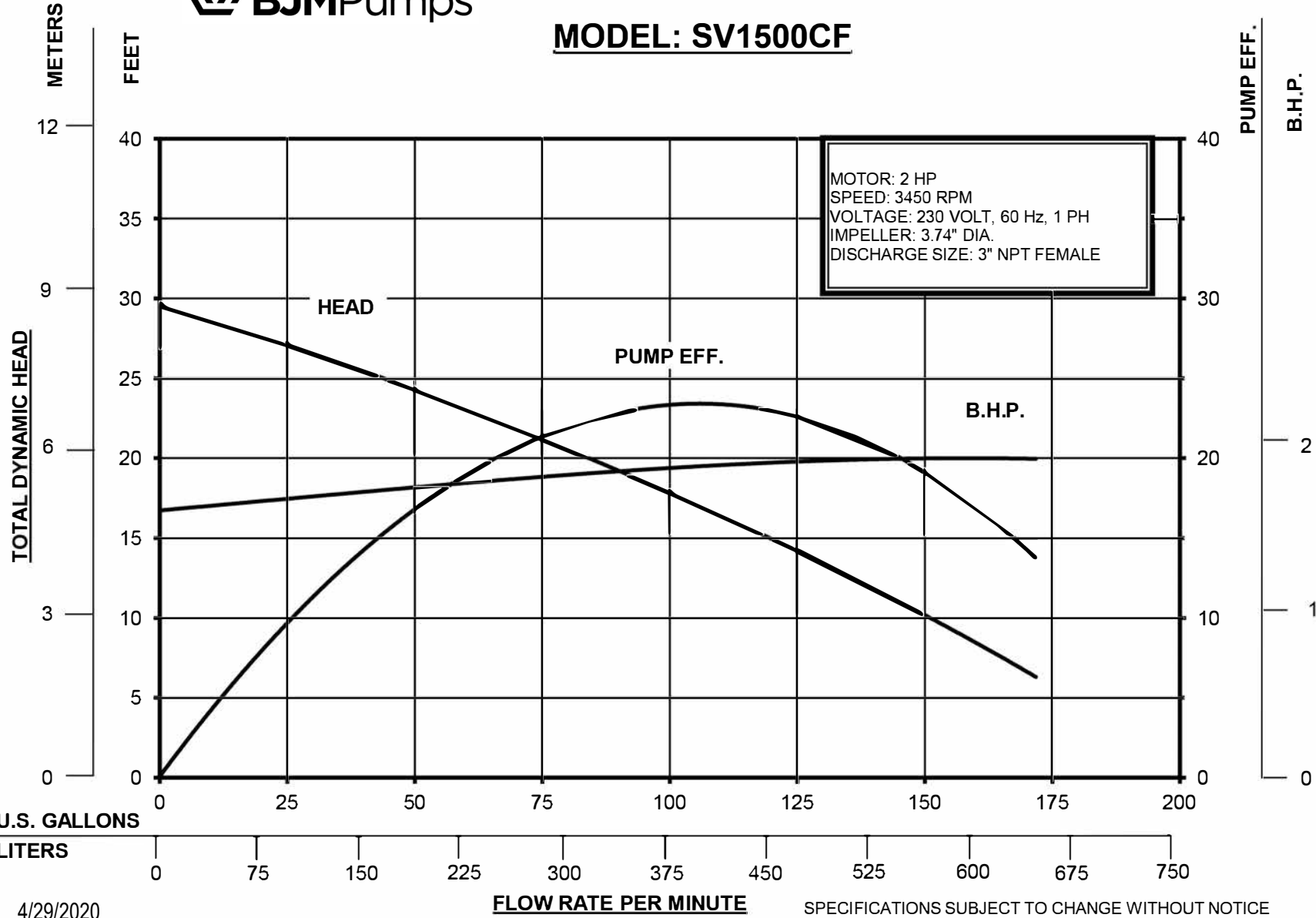
1- Seal minder & thermal sensor cable must be properly connected to a control panel to maintain warranty.

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE