

TECHNICAL DATA
MODEL SV400F
BJM Pumps® SUBMERSIBLE PUMP-CAST IRON For
High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	59 GPM (223 L/min)
MAX. HEAD: ft (m)	22' (6.7 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)	1.5" (38 mm)
IMPELLER DIAMETER: in (mm)	3.21" (81.6 mm)
DISCHARGE SIZE	2" NPT-MALE
SLIDE RAIL SYSTEM	2" DISCHARGE
PUMP WEIGHT, without cable: lbs (kg)	34 lbs (15.5 kg)
SHIPPING WEIGHT: lbs (kg)	50 lbs. (22.7 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC, 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	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	5.1 U.S. FL. OZ. (150 C.C.), SHELL FM 32, NSF APPROVED
BALL BEARING: OIL LUBRICATED UPPER	6201
BALL BEARING: OIL LUBRICATED LOWER	6301

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 0.5	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1 PH, 60 Hz	115V	230V
CURRENT F.L.A.	8.5	5.5
LOCKED ROTOR CURRENT (LRA)	24	12
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 ¹ : GAGE; LENGTH	A.W.G. 16/8; 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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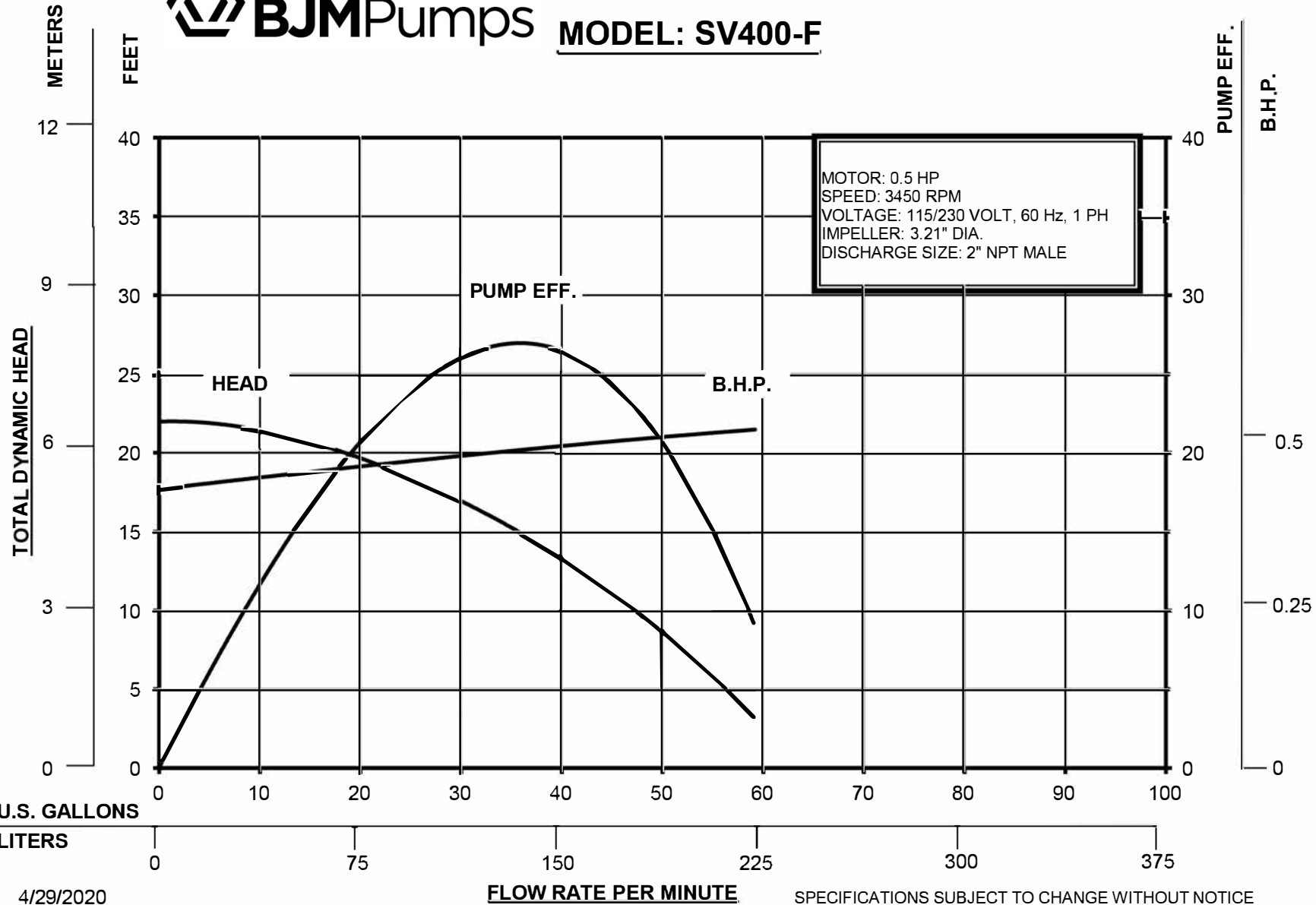
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FLOW RATE PER MINUTE

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