

TECHNICAL DATA
MODEL SV37CF
BJM Pumps® SUBMERSIBLE PUMP - CAST IRON
For High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	317 GPM (1200 L/min)
MAX. HEAD: ft (m)	44' (13.4 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)	3" (76 mm)
IMPELLER DIAMETER: in (mm)	6.75" (171.4 mm)
DISCHARGE SIZE	3" NPT-FEMALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT, without cable: lbs (kg)	152 lbs (69.1 kg)
SHIPPING WEIGHT: lbs (kg)	188 lbs. (85.5 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/ ISO 32, NSF FOOD GRADE MINERAL OIL
QTY. OIL IN SEAL CHAMBER	3.4 U.S. FL. OZ. (100 C.C.), W/ ISO 32, NSF FOOD GRADE MINERAL OIL
BALL BEARING: OIL LUBRICATED UPPER	6304
BALL BEARING: OIL LUBRICATED LOWER	6305

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 5			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	14.7	14	7	5.5
LOCKED ROTOR CURRENT (LRA)	86.5	85	43	38
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)			
POWER CORD: GAGE; LENGTH	A.W.G. 10/4; 33' (10 m), HIGH TEMP. RATED CORD			
SENSOR CABLE: GAGE; LENGTH	A.W.G. 18/4; 33' (10 m), HIGH TEMP. RATED CABLE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			
SEAL LEAK DETECTOR ¹	Seal Minder®; MOISTURE SENSING PROBE			

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

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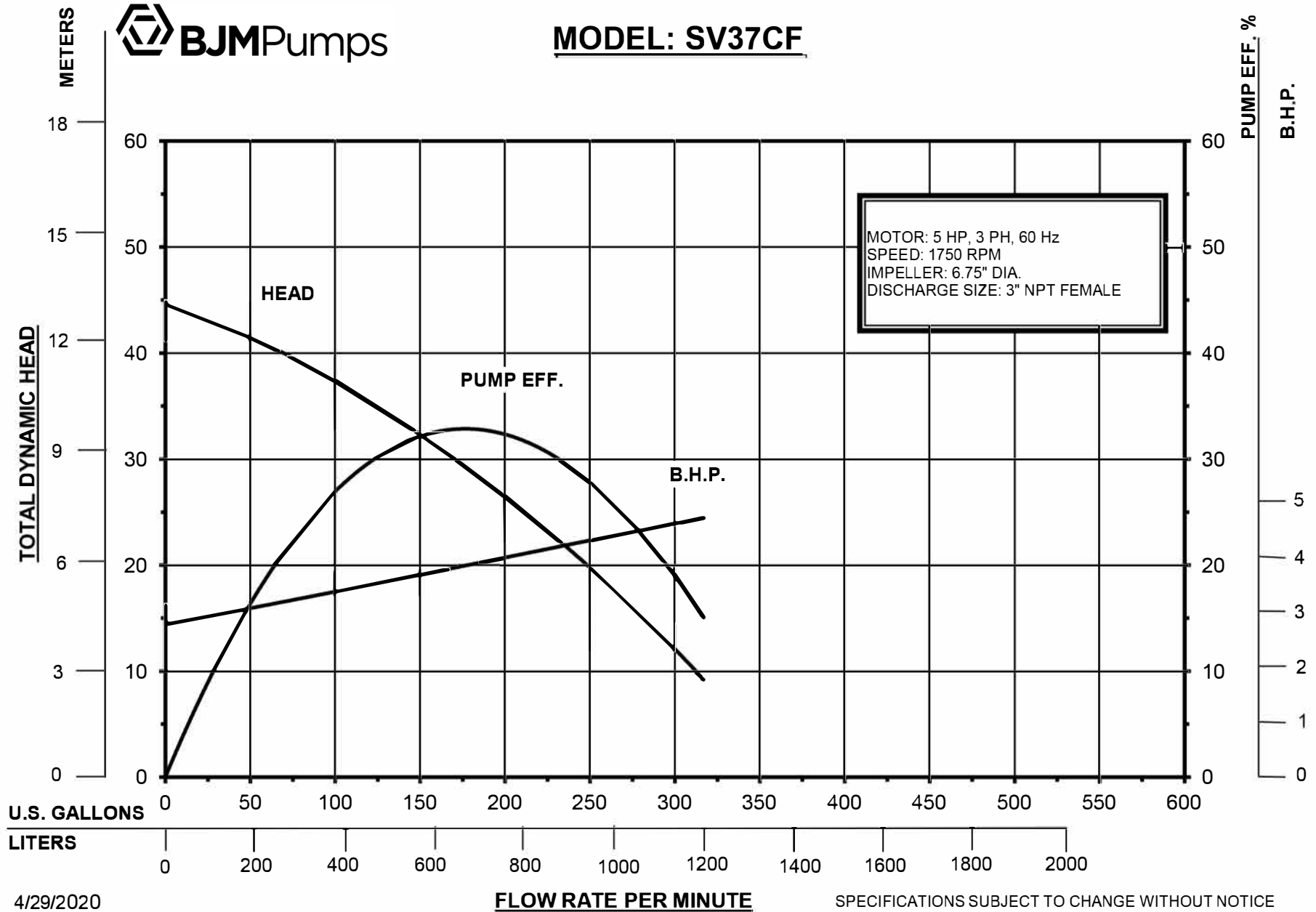
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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