

**TECHNICAL DATA**  
**MODEL SV55CF**  
**BJM Pumps® SUBMERSIBLE PUMP - CAST IRON For**  
**High Temperature Service**  
**GENERAL DATA**

MAX. FLOW: GPM (L/min)	660 GPM (2498 L/min)
MAX. HEAD: ft (m)	42' (12.8 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)	3.5" (89 mm)
IMPELLER DIAMETER: in (mm)	6.89" (175 mm)
DISCHARGE SIZE	4" NPT-FEMALE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT, without cable: lbs (kg)	246 lbs (111.8 kg)
SHIPPING WEIGHT: lbs (kg)	288 lbs. (131 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	27 U.S. FL. OZ. (800 C.C.), W/ ISO 32, NSF FOOD GRADE MINERAL OIL
BALL BEARING: OIL LUBRICATED UPPER	6305
BALL BEARING: OIL LUBRICATED LOWER	6307 (x2)

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 7.5			
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.	23.1	21	10.5	7.8
LOCKED ROTOR CURRENT (LRA)	143	130	65	48
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 <sup>1</sup>	Seal Minder®; MOISTURE SENSING PROBE			

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

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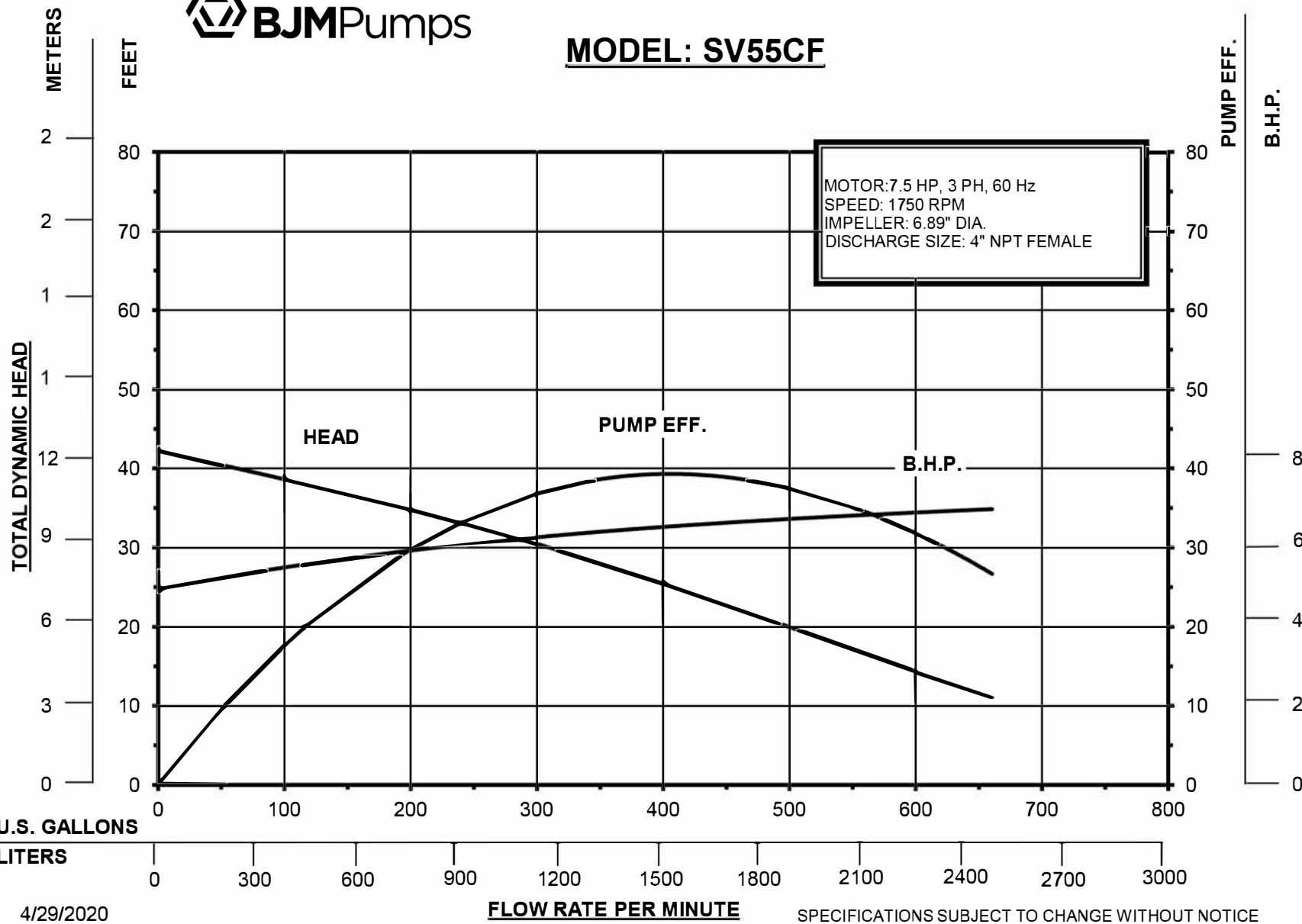
REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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**MODEL: SV55CF**



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