

TECHNICAL DATA
MODEL SV75CF
BJM Pumps® SUBMERSIBLE PUMP - CAST IRON For
High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	726 GPM (2748 L/min)
MAX. HEAD: ft (m)	48' (14.6 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)	7.44" (189 mm)
DISCHARGE SIZE	4" NPT-FEMALE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT, without cable: lbs (kg)	265 lbs (120.5 kg)
SHIPPING WEIGHT: lbs (kg)	307 lbs. (139.6 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, 10	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	77	55
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.

©2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

104 John W Murphy Drive

New Haven, CT. 0613, USA

Tel: (860)399-5937 - Fax: (860)399-7784

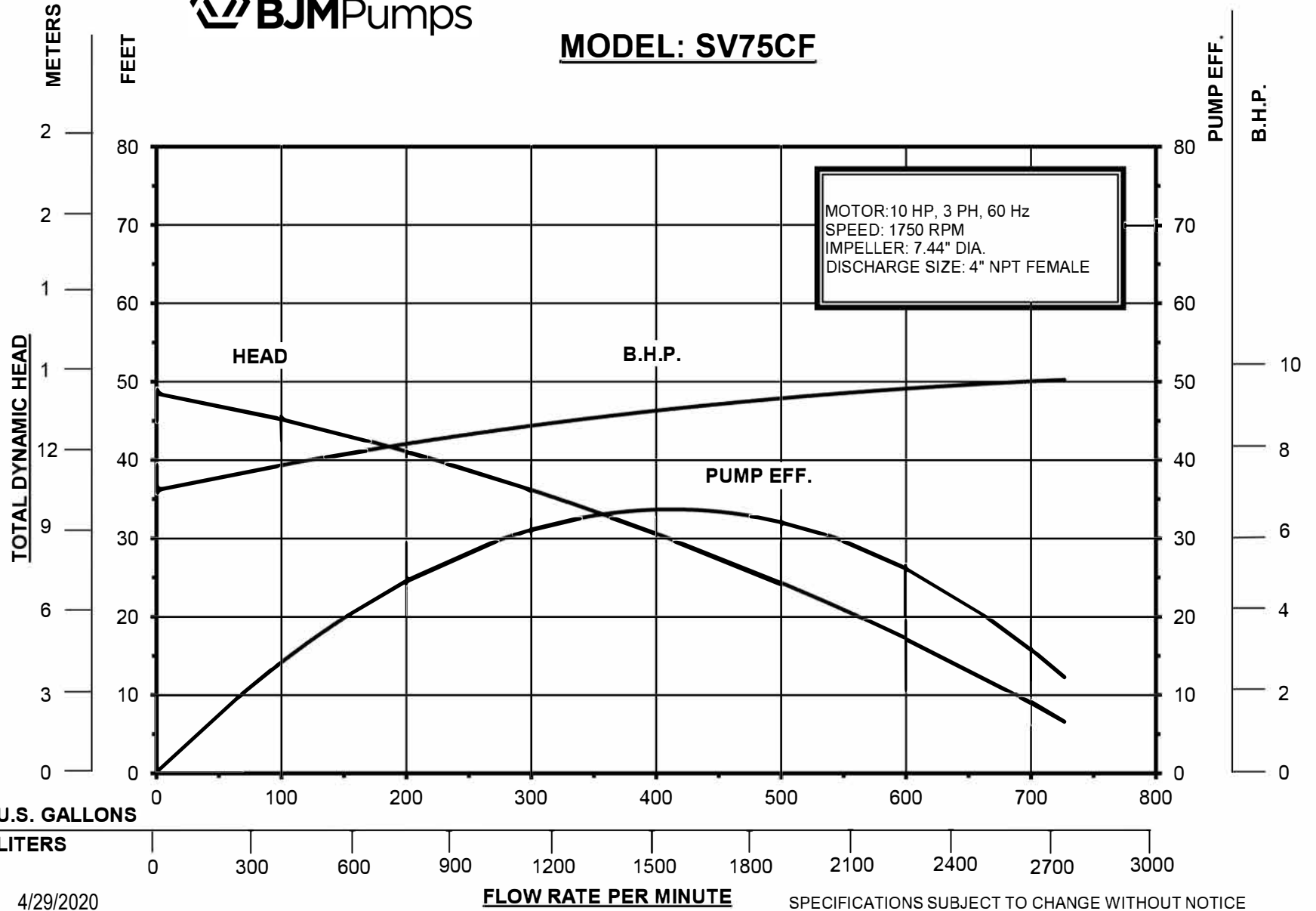
REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Seal Minder® is a registered trademark of Industrial Flow Solutions Operating, LLC. All rights reserved.

© 2020 Industrial Flow Solutions Operating, LLC. All rights reserved.



MODEL: SV75CF



MOTOR: 10 HP, 3 PH, 60 Hz
SPEED: 1750 RPM
IMPELLER: 7.44" DIA.
DISCHARGE SIZE: 4" NPT FEMALE

4/29/2020

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE