

TECHNICAL DATA
MODEL J75C-F
BJM Pumps® SUBMERSIBLE PUMP-CAST IRON
For High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	647 GPM (2449 L/min)
MAX. HEAD: ft (m)	110' (33.5 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, HIGH TEMPERATURE
MINIMUM SUBMERSION DEPTH: in(mm)	16" (407 mm)
SOLID SIZE: in (mm)	3/8" (9.5 mm)
STRAINER OPENING	0.375" (9.5 mm) diameter
IMPELLER DIAMETER: in (mm)	5.9" (150 mm)
DISCHARGE SIZE	4" NPT FEMALE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT, without cable: lbs (kg)	212 lbs (96.4 kg)
SHIPPING WEIGHT: lbs (kg)	255 lbs (116 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC – FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE – FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	STEEL
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN MOTOR STATOR	112 U.S. FL. OZ. (3312 C.C.), OIL-FILLED W/ FM 32, NSF APPROVED
QTY. OIL IN SEAL CHAMBER	45.6 US FL. OZ. (1350 C.C.), FM 32, NSF APPROVED
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	3450	
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)	108	65
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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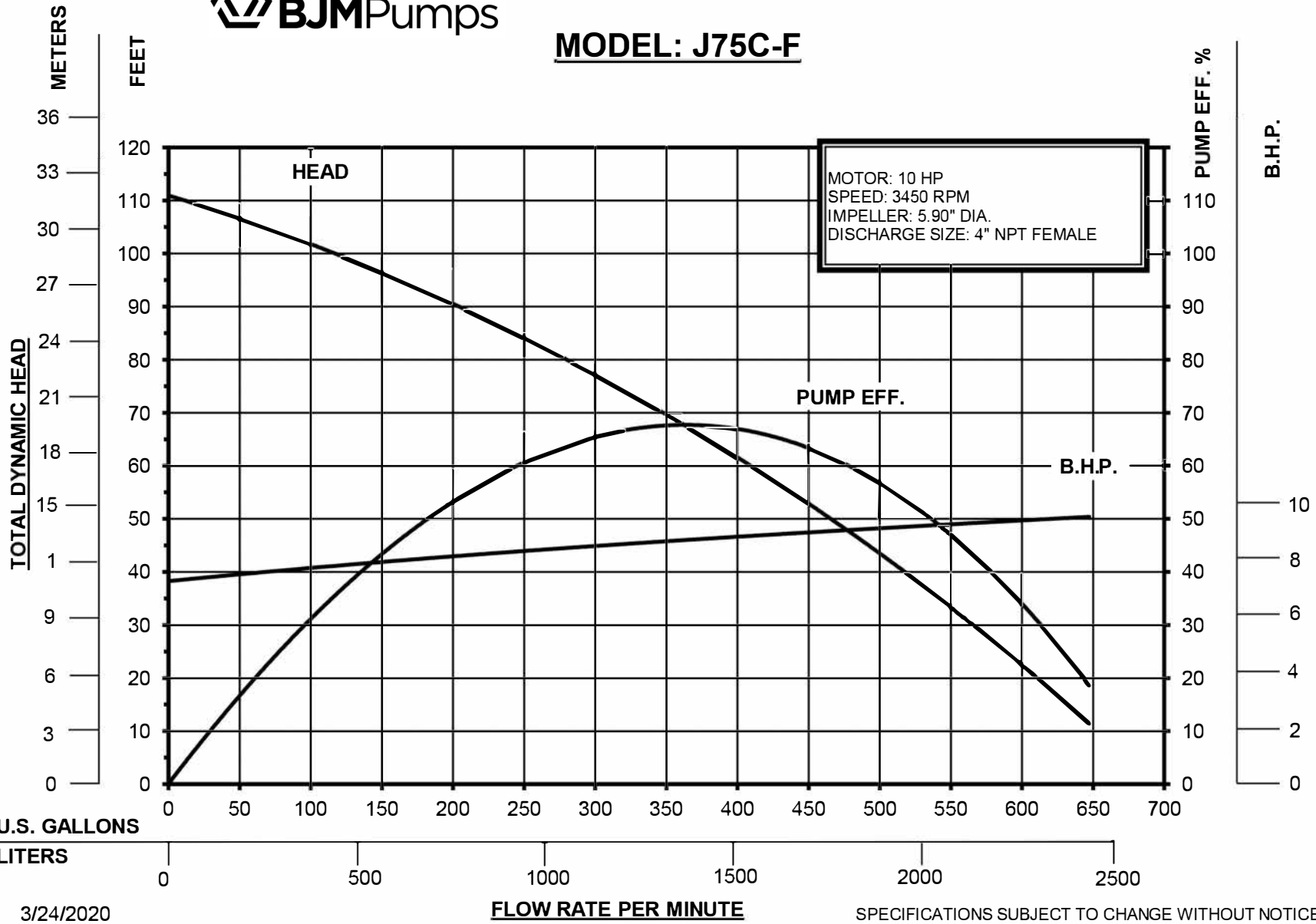
104 John W Murphy Drive
 New Haven, CT. 06513 USA
 Tel: (860)399-5937 - Fax: (860)399-7784

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

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MODEL: J75C-F



MOTOR: 10 HP
SPEED: 3450 RPM
IMPELLER: 5.90" DIA.
DISCHARGE SIZE: 4" NPT FEMALE

3/24/2020

FLOW RATE PER MINUTE

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