

TECHNICAL DATA
MODEL J55CH-F
BJM Pumps® SUBMERSIBLE PUMP-CAST IRON
For High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	285 GPM (1078 L/min)
MAX. HEAD: ft (m)	104' (31.7 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)	5.78" (147 mm)
DISCHARGE SIZE	4" FLANGE W/ 3" NPT FEMALE DISCHARGE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT, without cable: lbs (kg)	182 lbs (82.7 kg)
SHIPPING WEIGHT: lbs (kg)	224 lbs (101.8 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	OIL-FILLED W/ ISO 32, NSF FOOD GRADE MINERAL OIL
QTY. OIL IN SEAL CHAMBER	45.6 US FL. OZ. (1350 C.C.), ISO 32, NSF FOOD GRADE MINERAL OIL
BALL BEARING: OIL LUBRICATED UPPER	6305
BALL BEARING: OIL LUBRICATED LOWER	6207 (x2)

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 7.5			
MOTOR RPM	3450			
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	7.6
LOCKED ROTOR CURRENT (LRA)	138.6	126	63	47
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 ¹ : GAGE; LENGTH	A.W.G. 18/4; 33' (10 m), HIGH TEMP. RATED CABLE			
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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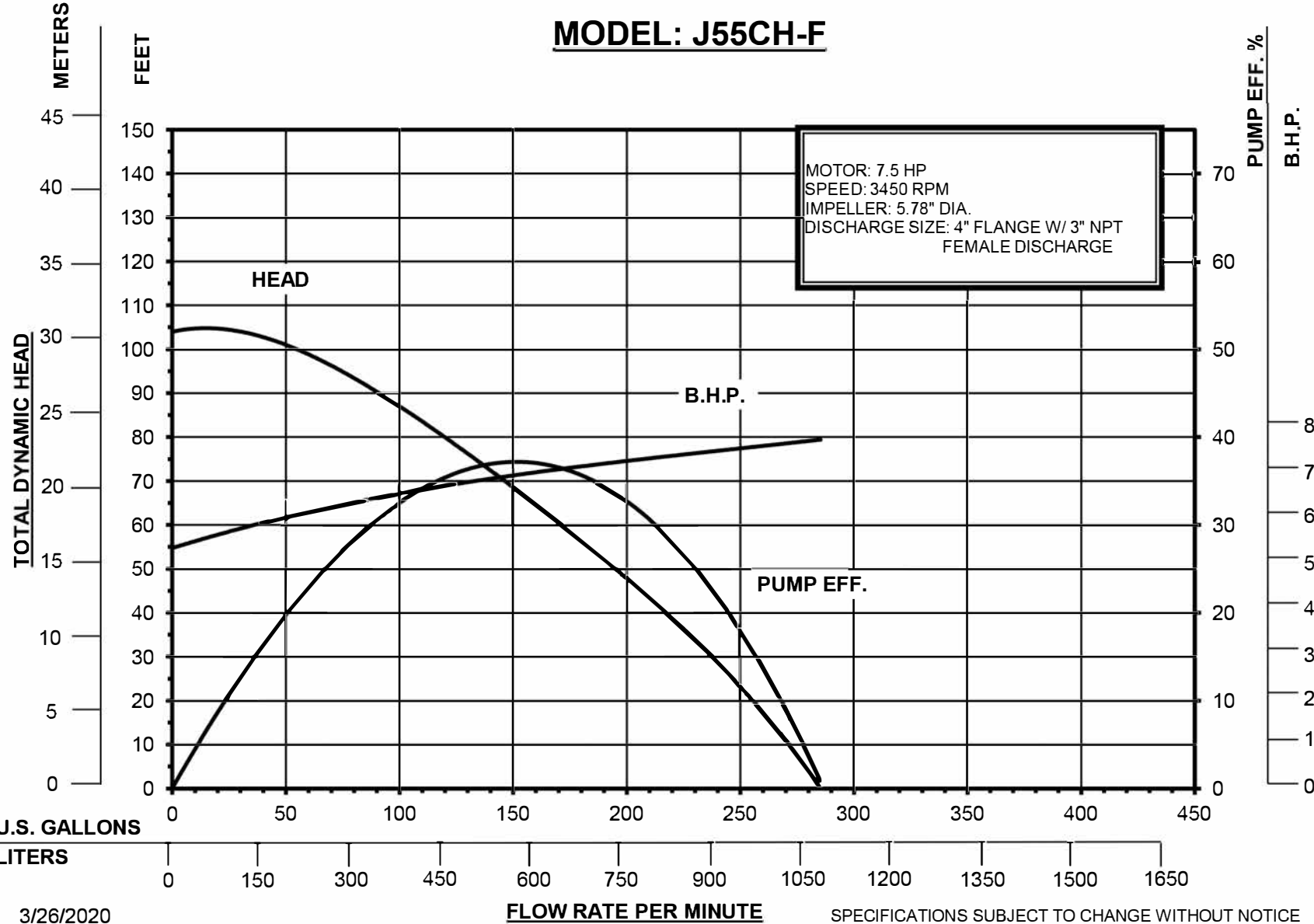
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES
 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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MODEL: J55CH-F



MOTOR: 7.5 HP
 SPEED: 3450 RPM
 IMPELLER: 5.78" DIA.
 DISCHARGE SIZE: 4" FLANGE W/ 3" NPT
 FEMALE DISCHARGE

3/26/2020

FLOW RATE PER MINUTE

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