

TECHNICAL DATA
MODEL J55C
BJM Pumps® SUBMERSIBLE PUMP - CAST IRON
GENERAL DATA

MAX. FLOW: GPM (L/min)	515 GPM (1949 L/min)
MAX. HEAD: ft (m)	91' (27.7 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, SIDE DISCHARGE
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)	5.39" (137 mm)
DISCHARGE SIZE	4" NPT FEMALE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT, without cable: lbs (kg)	175 lbs (79.6 kg)
SHIPPING WEIGHT: lbs (kg)	220 lbs (100 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	STEEL
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	45.6 U.S. FL. OZ. (1350 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6305
BALL BEARING: PERM. LUBE. LOWER	6207 (x2)

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 7.5 (CONTINUOUS DUTY ³)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	H			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE ¹ - 3 PH, 60 Hz	230V	460V	575V option	
CURRENT F.L.A.	21	10.5	7.6	
LOCKED ROTOR CURRENT (LRA)	138.6	126	63	47
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
POWER CORD: GAGE; LENGTH	A.W.G. 10/4; 33' (10 m), SOOW			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			
SEAL LEAK DETECTOR ² (OPTIONAL)	Seal Minder®; MOISTURE SENSING PROBE			

1- Available in other voltages (and in 50 Hz).

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

3 - Continuous duty motor – see minimum submersion depth at General Data table above.

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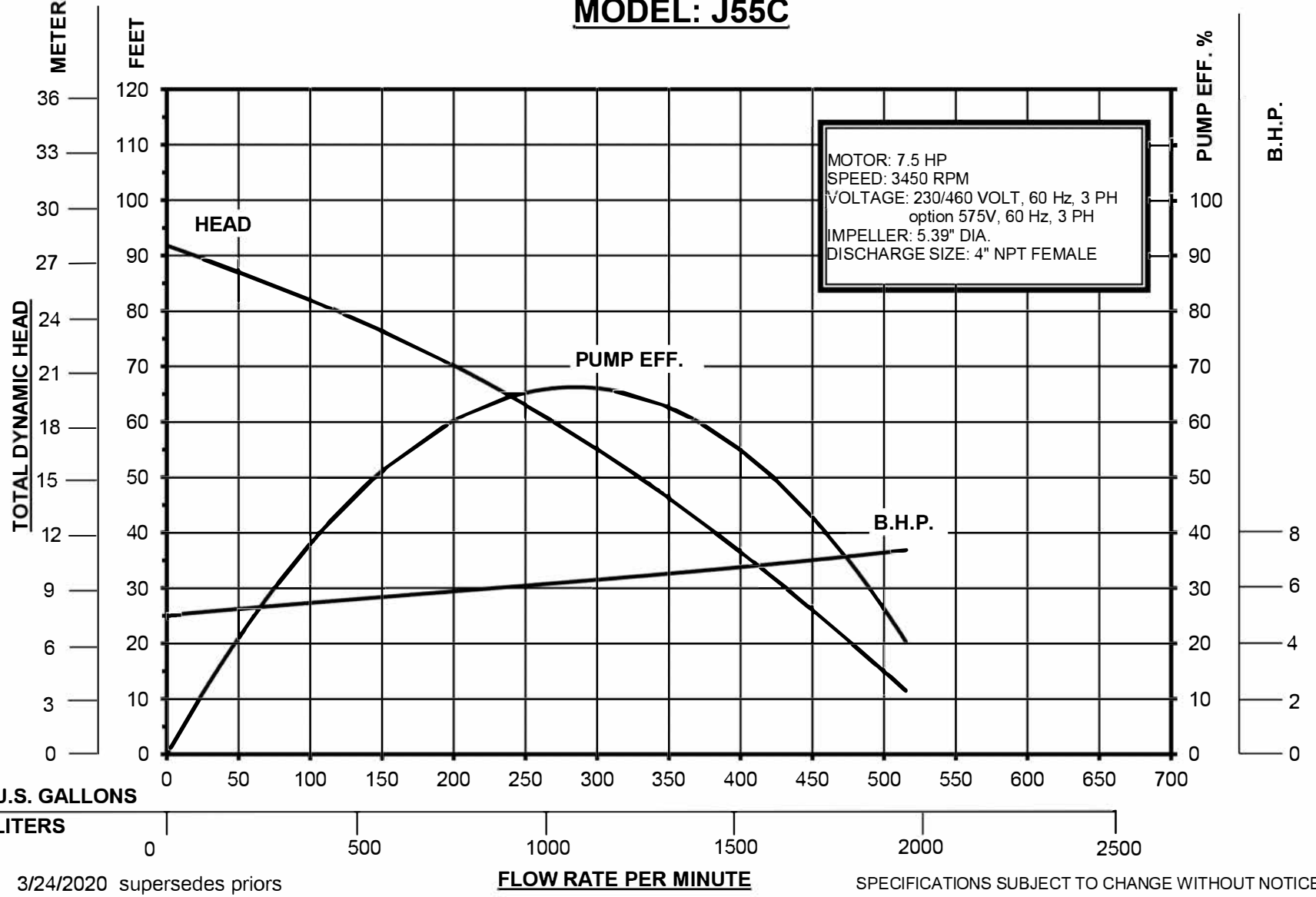
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES
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3/24/2020 supersedes priors

FLOW RATE PER MINUTE

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