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**TECHNICAL DATA**  
**MODEL R08**  
**BJM Pumps® SUBMERSIBLE PUMP-CAST IRON**  
**GENERAL DATA**

MAX. FLOW: GPM (L/min)	89 GPM (337 L/min)
MAX. HEAD: ft (m)	49.5' (15.1 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	TOP DISCHARGE, DEWATERING
SOLID SIZE: in (mm)	1/4" (6.3 mm)
STRAINER OPENING	0.25" (6.35 mm)
PUMP DOWN WATER LEVEL: in (mm)	2.25" (57 mm)
IMPELLER DIAMETER: in (mm)	4.33" (110 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	52 lbs (23.6 kg)
SHIPPING WEIGHT: lbs (kg)	66 lbs (30 kg)

**CONSTRUCTION/MATERIAL DATA**

MECHANICAL SEAL - UPPER	CARBON/ SILICON CARBIDE, FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE, FKM
OUTER CASING	304 SS
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	304 SS
BOTTOM PLATE	CAST IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	3.7 U.S. FL. OZ. (110 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

**ELECTRICAL /MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 1 (CONTINUOUS DUTY)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE <sup>1</sup> - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	3.5	3.2	1.6	1.3
LOCKED ROTOR CURRENT (LRA)	19.8	18	9	8
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
POWER CORD: GAGE; LENGTH	A.W.G. 16/4; 50' (15.2 m), STOW			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

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

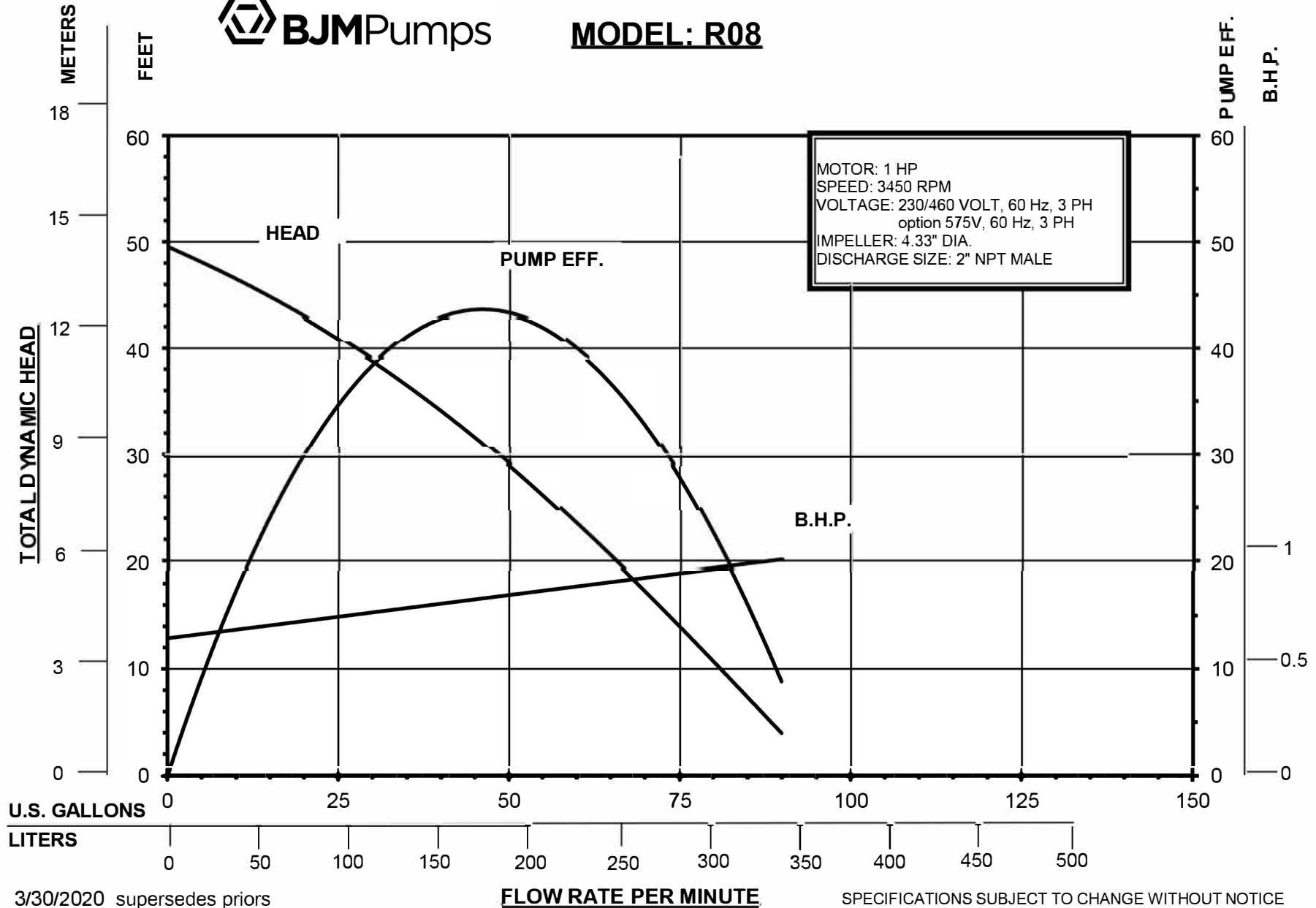
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



# MODEL: R08



3/30/2020 supersedes priors

**FLOW RATE PER MINUTE**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE