

**TECHNICAL DATA**
**MODEL R100  
 BJM Pumps® SUBMERSIBLE PUMP**


115V

**GENERAL DATA**

MAX. FLOW: GPM (L/min)	21 GPM (79 L/min)
MAX. HEAD: ft (m)	19.6' (5.9 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)	1/8" (3.1 mm)
STRAINER OPENING	0.125" (3.1 mm)
PUMP DOWN WATER LEVEL: in (mm)	0.75" (19 mm)
IMPELLER DIAMETER: in (mm)	2.95" (75 mm)
DISCHARGE SIZE	3/4" GARDEN HOSE ADAPTER
PUMP WEIGHT, without cable: lbs (kg)	9 lbs (4.1 kg)
SHIPPING WEIGHT: lbs (kg)	13 lbs (5.9 kg)

**CONSTRUCTION/MATERIAL DATA**

MECHANICAL SEAL - UPPER	NONE
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
OUTER CASING	ABS PLASTIC
MOTOR CASING	304 SS
PUMP VOLUTE	ABS PLASTIC
IMPELLER- MULTI VANE	FIBERGLASS REINFORCED PLASTIC
STRAINER	ABS PLASTIC
BOTTOM PLATE	NONE
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER / STATOR	9.5 U.S. FL. OZ. (280 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6200
BALL BEARING: PERM. LUBE. LOWER	6201

**ELECTRICAL /MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.15 (CONTINUOUS DUTY)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.0
VOLTAGE <sup>1</sup>	115, 1 PH, 60 Hz
CURRENT F.L.A.	2
LOCKED ROTOR CURRENT (LRA)	5.6
MOTOR PROTECTION	THERMAL BREAKER
POWER CORD: GAGE; LENGTH	A.W.G. 16/3; 33' (10 m), STOW
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

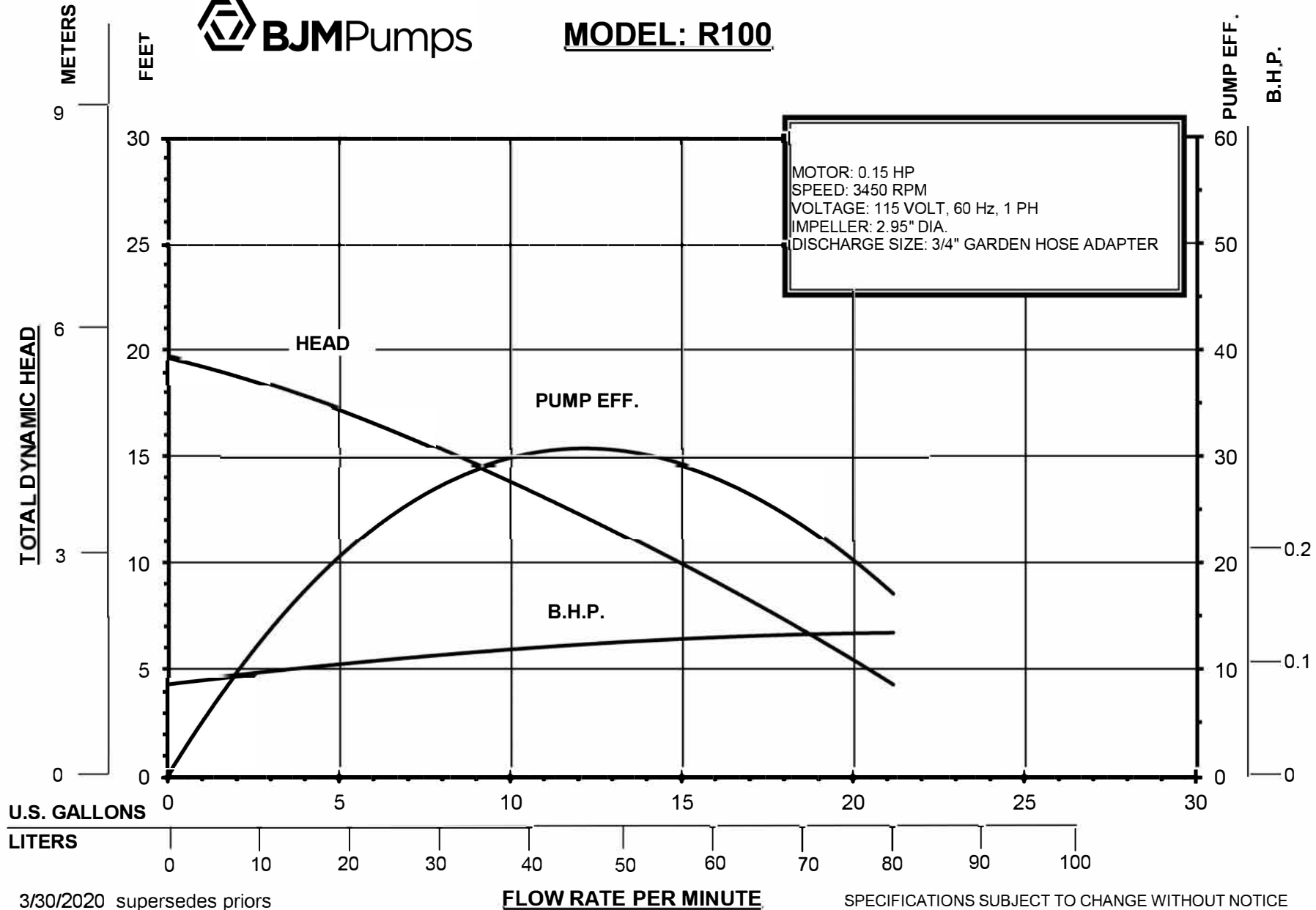
1- Available in other voltages (and in 50 Hz).

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# MODEL: R100



3/30/2020 supersedes priors

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE