

# BJM CORP.

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10/30/2002

0802

Supersedes

0801

## TECHNICAL DATA MODEL R100 BJM SUBMERSIBLE PUMP

### GENERAL DATA

MAX. FLOW: GPM (L/min)	21 GPM (79 L/min)
MAX. HEAD: ft (m)	19.6' (5.9 m)
PUMP TYPE	TOP DISCHARGE, DEWATERING
STRAINER OPENING	0.125" (3.1 mm)
IMPELLER DIAMETER: in (mm)	2.95" (75 mm)
DISCHARGE SIZE	1 1/4" NPT-FEMALE W/ 3/4" GHA.
PUMP NET WEIGHT <sup>1</sup> : lbs (kg)	11 lbs (5 kg)
SHIPPING WEIGHT: lbs (kg)	13 lbs (5.9 kg)

1- Does not include power cord.

### 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	NYLON
STRAINER	ABS PLASTIC
BOTTOM PLATE	NONE
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	9.5 U.S. FL. OZ. (280 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6200
BALL BEARING: PERM. LUBE. LOWER	6201

### ELECTRICAL /MOTOR DATA

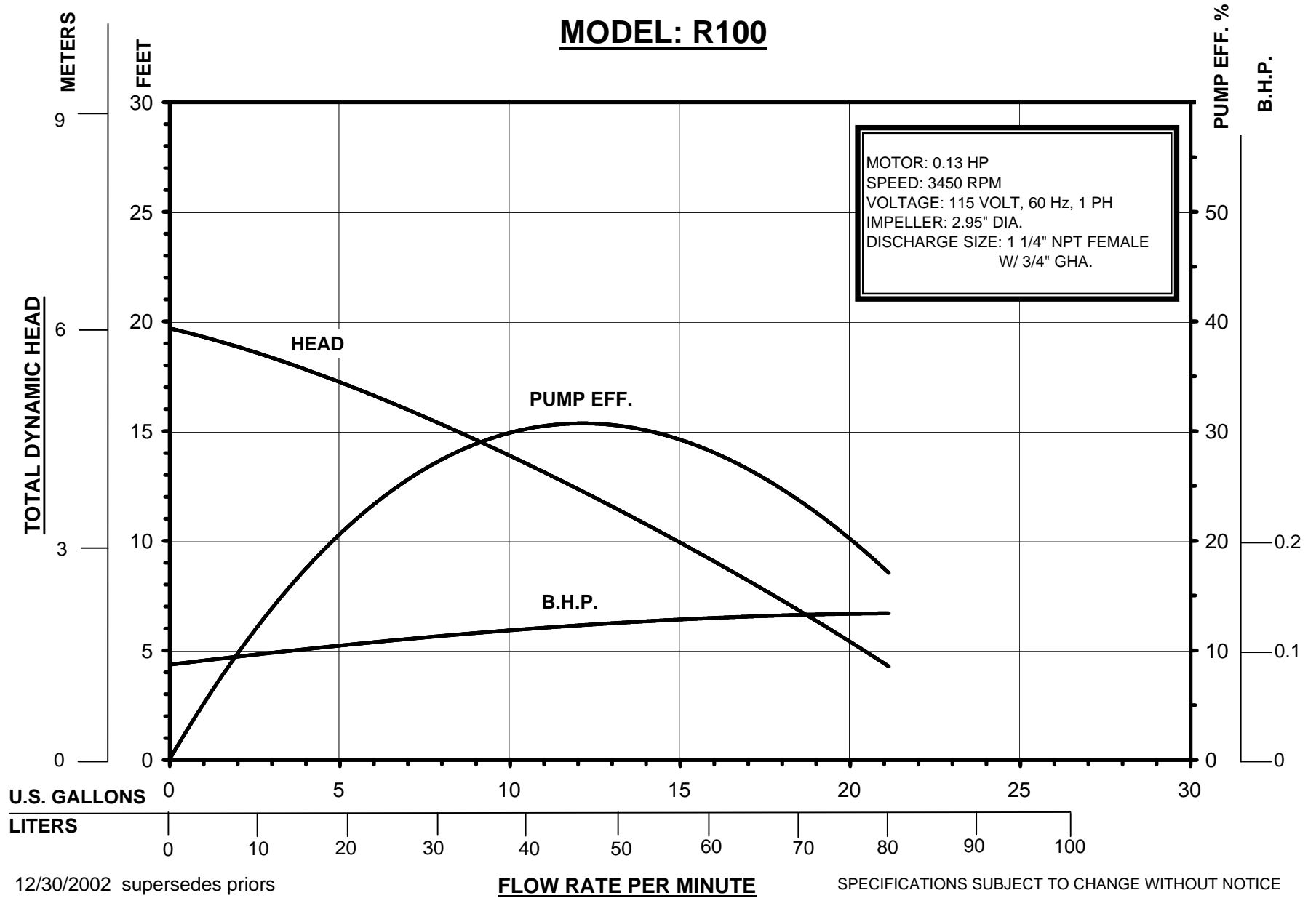
MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.13
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.0
VOLTAGE <sup>2</sup>	115, 1 PH, 60 Hz
CURRENT F.L.A.	2
MOTOR PROTECTION	THERMAL BREAKER
POWER CORD <sup>3</sup> : GAGE; LENGTH	A.W.G. 16/3; 33' (10 m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM STATOR TEMPERATURE	230°F (110°C)

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

3- Available in different length.

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

# MODEL: R100



12/30/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE