

# BJM CORP.

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3/31/2003  
0803  
Supersedes  
0802

## TECHNICAL DATA MODEL R400D BJM SUBMERSIBLE PUMP-CAST IRON



### GENERAL DATA

MAX. FLOW: GPM (L/min)	50 GPM (189 L/min)
MAX. HEAD: ft (m)	36' (10.9 m)
PUMP TYPE	TOP DISCHARGE, DEWATERING
STRAINER OPENING	N/A
IMPELLER DIAMETER: in (mm)	3.75" (95 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP NET WEIGHT <sup>1</sup> : lbs (kg)	29 lbs (13.2 kg)
SHIPPING WEIGHT: lbs (kg)	33 lbs (15 kg)

1- Does not include power cord.

### CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
OUTER CASING	304 SS
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	PVC
STRAINER	NONE
BOTTOM PLATE	RUBBER COATED CAST IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	1.35 U.S. FL. OZ. (40 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6201
BALL BEARING: PERM. LUBE. LOWER	6201

### ELECTRICAL /MOTOR DATA

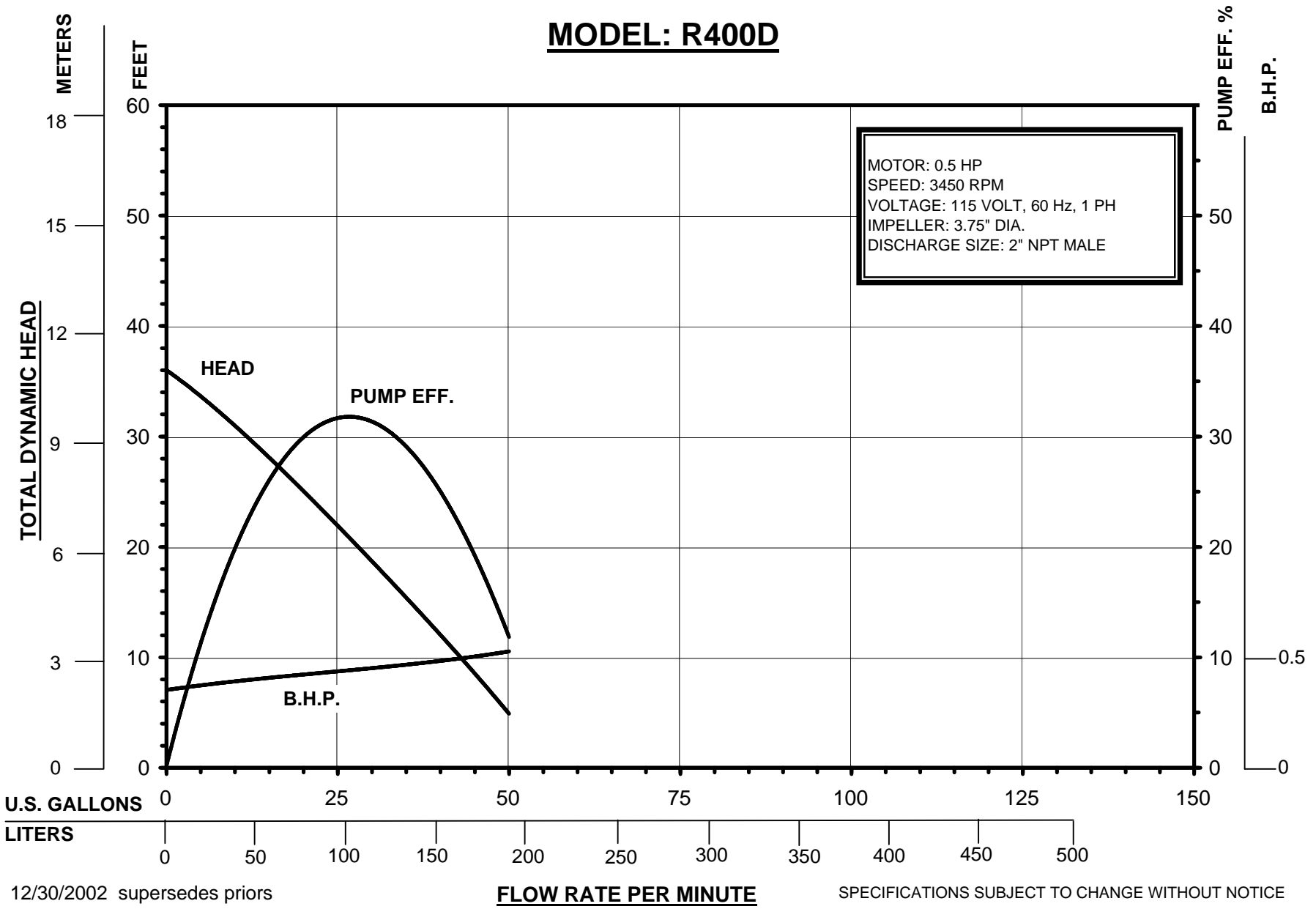
MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.5
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE <sup>2</sup>	115, 1 PH, 60 Hz
CURRENT F.L.A.	6
MOTOR PROTECTION	THERMAL BREAKER
POWER CORD <sup>3</sup> : GAGE; LENGTH	A.W.G. 16/3; 33' (10 m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM 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: R400D**



12/30/2002 supersedes priors

**FLOW RATE PER MINUTE**

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