

# BJM CORP.

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3/31/2003  
0803  
Supersedes  
0802

## TECHNICAL DATA MODEL J1500 BJM SUBMERSIBLE PUMP-CAST IRON



### GENERAL DATA

MAX. FLOW: GPM (L/min)	140 GPM (530 L/min)
MAX. HEAD: ft (m)	59' (18 m)
PUMP TYPE	DEWATERING
STRAINER OPENING	0.5625"x0.25" (14.3x6.3 mm) slot
IMPELLER DIAMETER: in (mm)	4.68" (119 mm)
DISCHARGE SIZE	3" NPT-MALE
PUMP NET WEIGHT <sup>1</sup> : lbs (kg)	80 lbs (36.4 kg)
SHIPPING WEIGHT: lbs (kg)	84 lbs (38.2 kg)

1- Does not include power cord.

### 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	304 SS
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	2.7 U.S. FL. OZ. (80 C.C.)
QTY. OIL IN MOTOR STATOR	13.5 U.S. FL. OZ. (400 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

### ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 2
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE <sup>2</sup>	230, 1 PH, 60 Hz
CURRENT F.L.A.	14
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD <sup>3</sup> : GAGE; LENGTH	A.W.G. 14/3; 50' (15.2 m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM STATOR TEMPERATURE	230°F (110°C)
SEAL LEAK DETECTOR <sup>4</sup> (OPTIONAL)	SEAL MINDER; MOISTURE SENSING PROBE

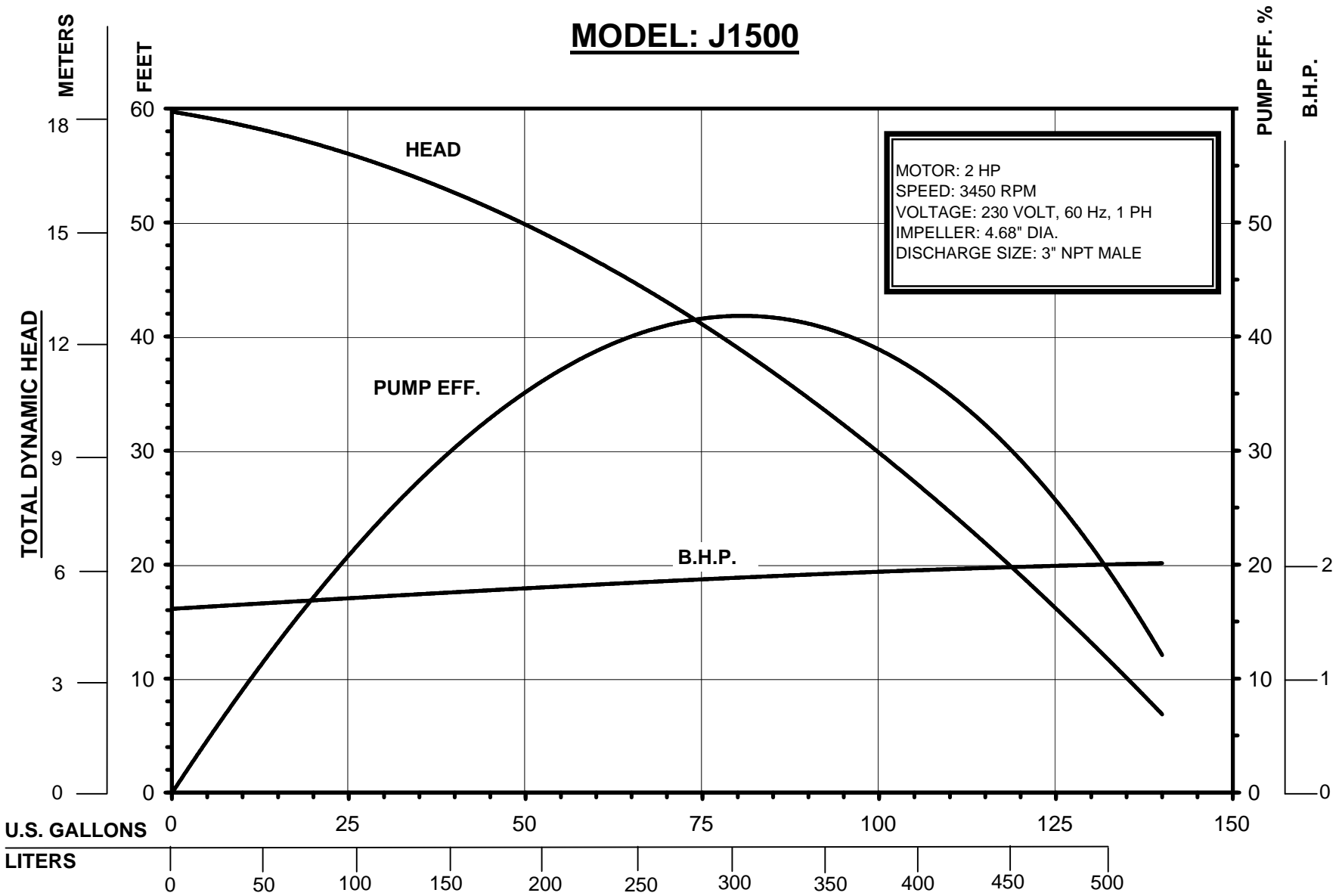
2- Available in other voltages (and in 50 Hz).

3- Available in 5 leads cable(3 phase power only) and different length.

4- Requires a circuit in control panel for warning signal.

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

# MODEL: J1500



MOTOR: 2 HP  
SPEED: 3450 RPM  
VOLTAGE: 230 VOLT, 60 Hz, 1 PH  
IMPELLER: 4.68" DIA.  
DISCHARGE SIZE: 3" NPT MALE

12/30/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE