

# BJM CORP.

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10/30/2002

0802

Supersedes

0801

## TECHNICAL DATA MODEL J1500H BJM SUBMERSIBLE PUMP-CAST IRON GENERAL DATA

|   |                                  |
|---|----------------------------------|
| MAX. FLOW: GPM (L/min)                  | 132 GPM (499 L/min)              |
| MAX. HEAD: ft (m)                       | 78' (23.7 m)                     |
| PUMP TYPE                               | DEWATERING                       |
| STRAINER OPENING                        | 0.5625"x0.25" (14.3x6.3 mm) slot |
| IMPELLER DIAMETER: in (mm)              | 5" (128 mm)                      |
| DISCHARGE SIZE                          | 2" NPT-MALE                      |
| PUMP NET WEIGHT <sup>1</sup> : lbs (kg) | 86 lbs (39.1 kg)                 |
| SHIPPING WEIGHT: lbs (kg)               | 90 lbs (41 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 |

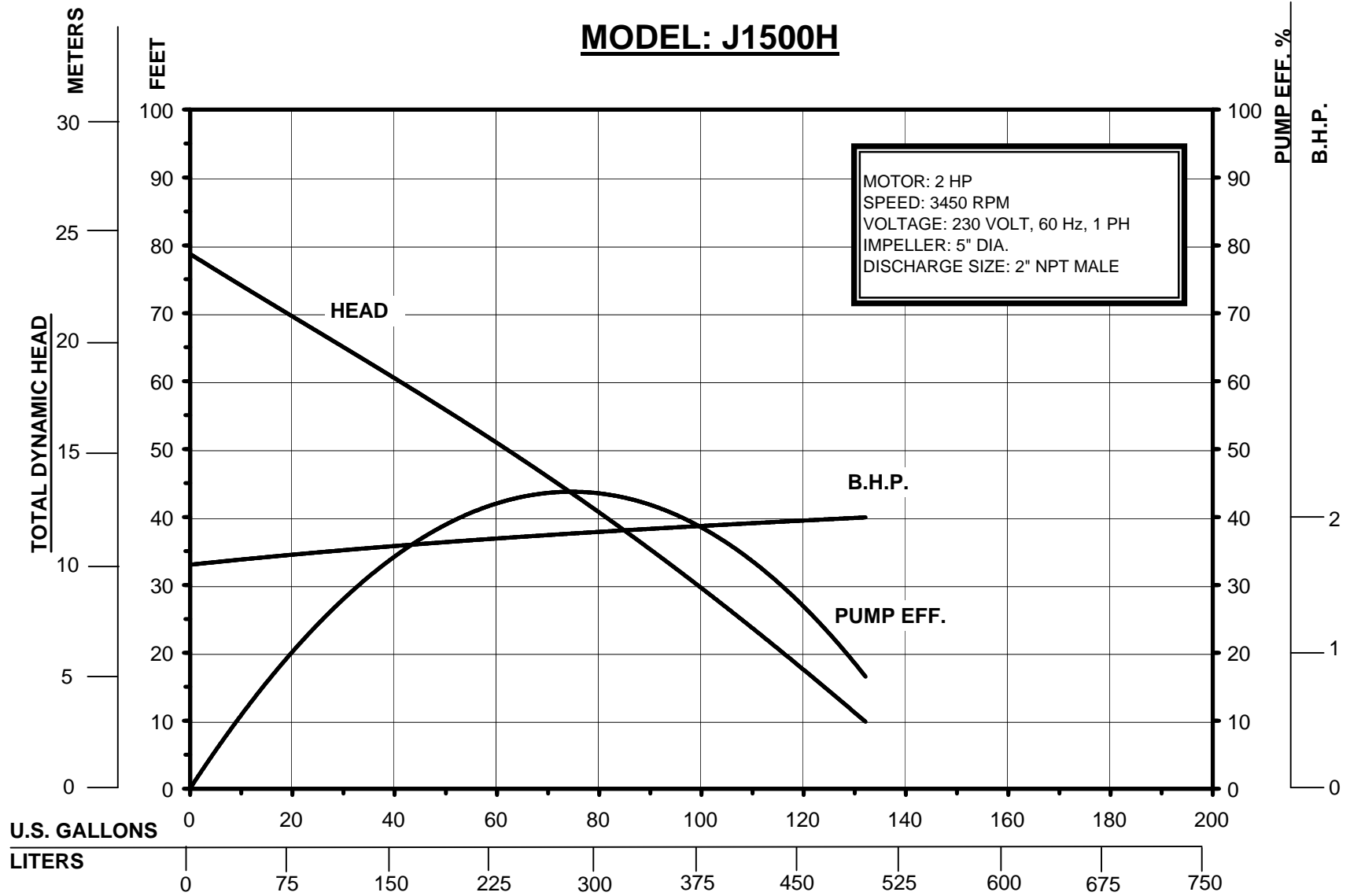
2- Available in other voltages (and in 50 Hz).

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: J1500H



MOTOR: 2 HP  
SPEED: 3450 RPM  
VOLTAGE: 230 VOLT, 60 Hz, 1 PH  
IMPELLER: 5" DIA.  
DISCHARGE SIZE: 2" NPT MALE

U.S. GALLONS  
LITERS

FLOW RATE PER MINUTE

12/30/2002 supersedes priors

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