

# BJM CORP.

123 Spencer Plains Road,  
P.O. BOX 1138, Old Saybrook, CT 06475, USA  
(860) 399-5937 · (800) 442-2562 · Fax: (860) 399-7784  
Visit our web site: [www.bjmcop.com](http://www.bjmcop.com)

4/28/2003

0804

Supersedes

0803

## TECHNICAL DATA MODEL G1500 BJM GRINDER PUMP-CAST IRON



### GENERAL DATA

MAX. FLOW: GPM (L/min)	46 GPM (175 L/min)
MAX. HEAD: ft (m)	76.4' (23.3 m)
IMPELLER DIAMETER: in (mm)	4.92" (125 mm)
DISCHARGE SIZE	1.25" (STANDARD), 1.5" or 2" NPT-FEMALE
SLIDE RAIL DISCHARGE SIZE	1.25", 1.5" or 2"
PUMP NET WEIGHT <sup>1</sup> : lbs (kg)	73 lbs (33 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 HOUSING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	MULTI-VANE, CAST IRON
GRINDER	HI-CHROMIUM
GRINDING RING- REVERSIBLE	HI-CHROMIUM
LIP SEALS & O-RINGS	BUNA-N
STAND	CAST IRON
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	19 U.S. FL. OZ. (560 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6305 x (2)

### 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; 33' (10m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM STATOR TEMPERATURE	230°F (110°C)
SEAL LEAK DETECTOR <sup>4</sup>	SEAL MINDER; MOISTURE SENSING PROBE

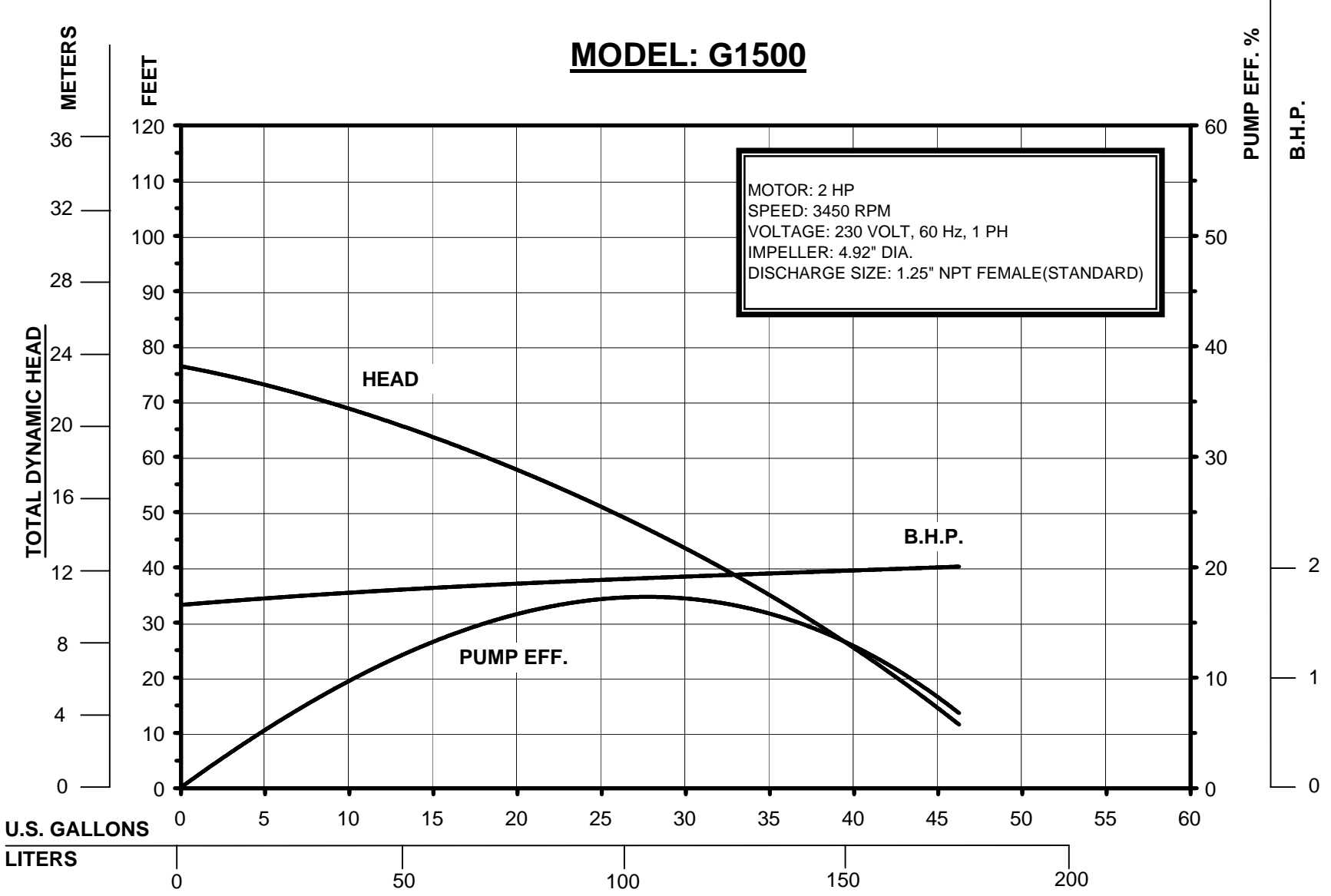
2- Available in other voltages (and in 50 Hz).

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: G1500



MOTOR: 2 HP  
SPEED: 3450 RPM  
VOLTAGE: 230 VOLT, 60 Hz, 1 PH  
IMPELLER: 4.92" DIA.  
DISCHARGE SIZE: 1.25" NPT FEMALE(STANDARD)

U.S. GALLONS  
LITERS

0 50 100 150 200

FLOW RATE PER MINUTE

12/30/2002 supersedes priors

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE