

# BJM CORP.

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3/31/2003  
0803  
Supersedes  
0802

## TECHNICAL DATA MODEL S1500C BJM SUBMERSIBLE PUMP-CAST IRON



### GENERAL DATA

MAX. FLOW: GPM (L/min)	210 GPM (794 L/min)
MAX. HEAD: ft (m)	52' (15.8 m)
PUMP TYPE	SOLID HANDLING
SOLID SIZE: in (mm)	1.33" (33.7 mm)
IMPELLER DIAMETER: in (mm)	4.92" (125 mm)
DISCHARGE SIZE	3" NPT-MALE
SLIDE RAIL DISCHARGE SIZE	3", or 4"
PUMP NET WEIGHT <sup>1</sup> : lbs (kg)	84 lbs (38 kg)
SHIPPING WEIGHT: lbs (kg)	100 lbs (45.5 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	SINGLE VANE, CAST IRON
STAND(INTEGRAL SUCTION COVER)	CAST IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	6.1 U.S. FL. OZ. (180 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; 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

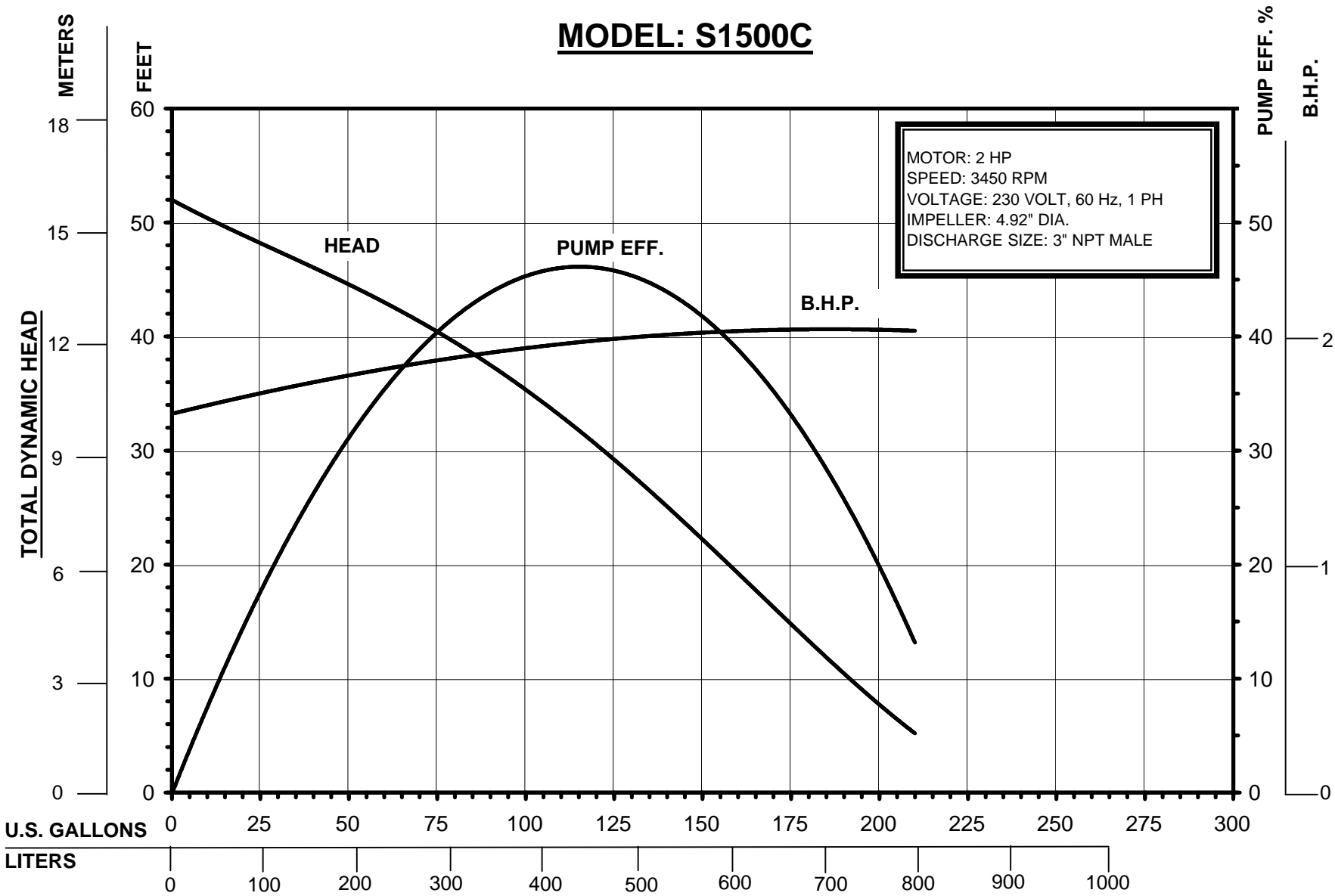
2- Available in other voltages (and in 50 Hz).

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: S1500C**



MOTOR: 2 HP  
SPEED: 3450 RPM  
VOLTAGE: 230 VOLT, 60 Hz, 1 PH  
IMPELLER: 4.92" DIA.  
DISCHARGE SIZE: 3" NPT MALE

10/31/2002 supersedes priors

**FLOW RATE PER MINUTE**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE