

# 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)

10/30/2002

0802

Supersedes

0801

## TECHNICAL DATA MODEL S750C-3 BJM SUBMERSIBLE PUMP-CAST IRON

### GENERAL DATA

MAX. FLOW: GPM (L/min)	111 GPM (420 L/min)
MAX. HEAD: ft (m)	38' (11.5 m)
PUMP TYPE	SOLID HANDLING
SOLID SIZE: in (mm)	0.75" (19 mm)
IMPELLER DIAMETER: in (mm)	4.02" (102 mm)
DISCHARGE SIZE	3" NPT-MALE
SLIDE RAIL DISCHARGE SIZE	3", or 4"
PUMP NET WEIGHT <sup>1</sup> : lbs (kg)	68 lbs (31 kg)
SHIPPING WEIGHT: lbs (kg)	83 lbs (37.7 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, 1
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE <sup>2</sup>	115/230, 1 PH, 60 Hz
CURRENT F.L.A.	14/7
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

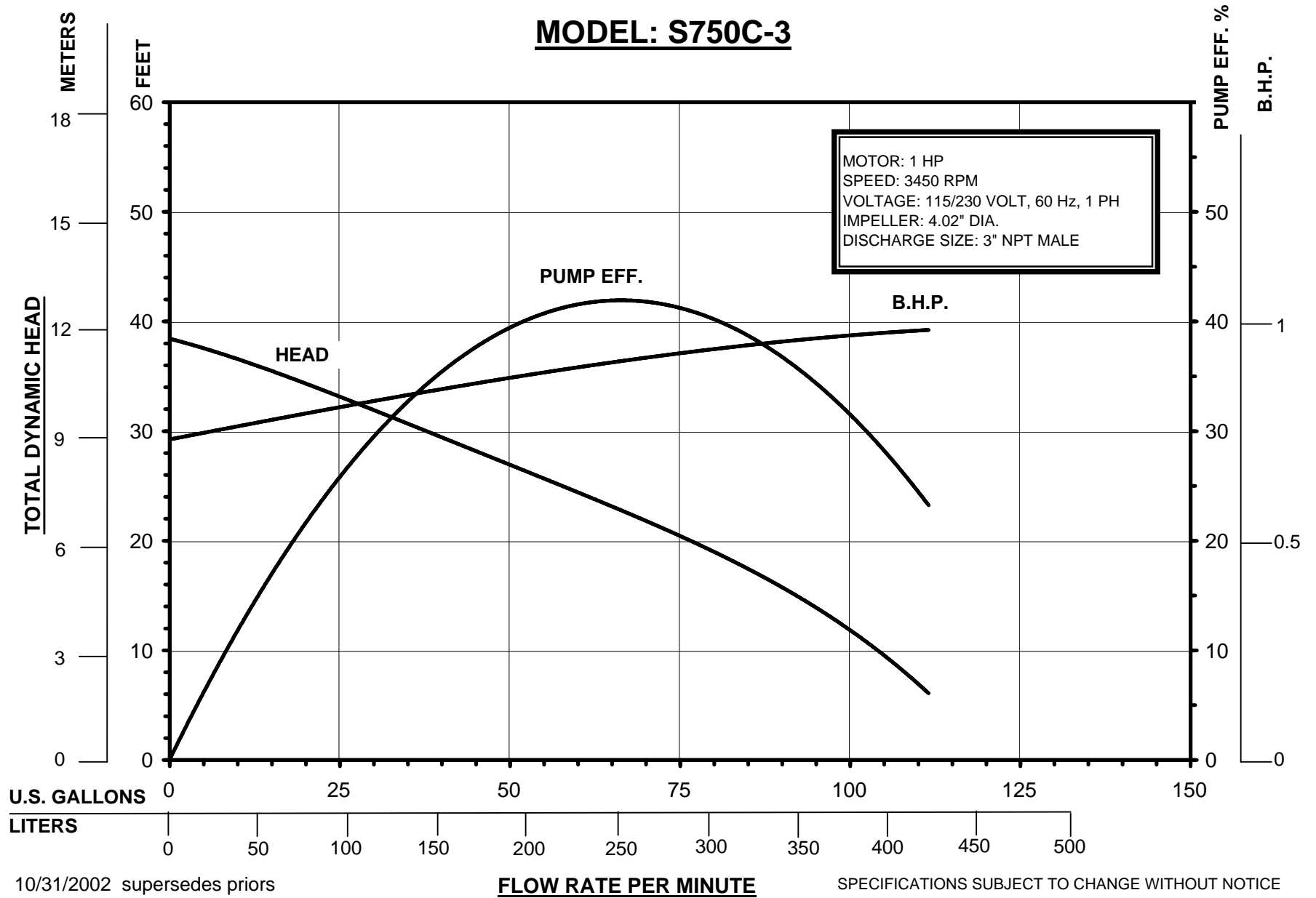
2- Available in other voltages (and in 50 Hz).

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: S750C-3



10/31/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE