

# BJM CORP.

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10/30/2002

0802

Supersedes

0801

## TECHNICAL DATA MODEL S55C BJM SUBMERSIBLE PUMP-CAST IRON

### GENERAL DATA

MAX. FLOW: GPM (L/min)	450 GPM (1703 L/min)
MAX. HEAD: ft (m)	78' (23.7 m)
PUMP TYPE	SOLID HANDLING
SOLID SIZE: in (mm)	1.75" (44.4 mm)
IMPELLER DIAMETER: in (mm)	6.19" (157 mm)
DISCHARGE SIZE	4" NPT-FEMALE
SLIDE RAIL DISCHARGE SIZE	4" or 6"
PUMP NET WEIGHT <sup>1</sup> : lbs (kg)	185 lbs (84 kg)
SHIPPING WEIGHT: lbs (kg)	255 lbs (116 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	TWO VANE, CAST IRON
SUCTION COVER	CAST IRON
STAND	CAST IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	27 U.S. FL. OZ. (800 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6305
BALL BEARING: PERM. LUBE. LOWER	6207 (x2)

### ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 7.5
MOTOR RPM	3450
MOTOR INSULATION CLASS	H
MOTOR SERVICE FACTOR	1.1
VOLTAGE <sup>2</sup>	230/460, 3 PH, 60 Hz ; OPTION 208V/3PH/60Hz
CURRENT F.L.A. AT 230/460 V	21/10.5
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD <sup>3</sup> : GAGE; LENGTH	A.W.G. 10/4; 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

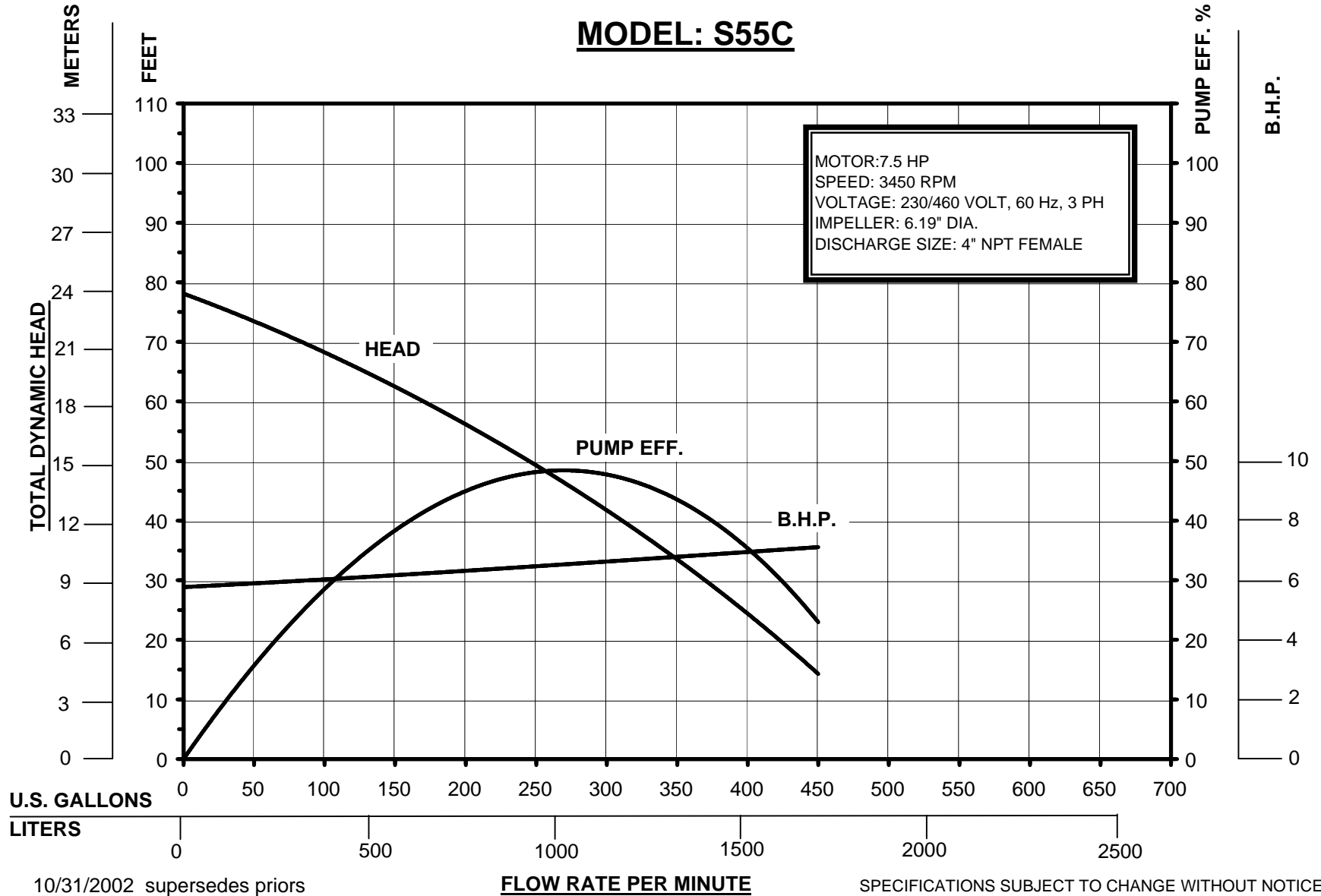
2- Available in other voltages (and in 50 Hz).

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: S55C



MOTOR: 7.5 HP  
SPEED: 3450 RPM  
VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH  
IMPELLER: 6.19" DIA.  
DISCHARGE SIZE: 4" NPT FEMALE

10/31/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE