

BJM CORP.

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10/30/2002
0802
Supersedes
0801

TECHNICAL DATA MODEL J22 BJM SUBMERSIBLE PUMP-CAST IRON

GENERAL DATA

MAX. FLOW: GPM (L/min)	237 GPM (897 L/min)
MAX. HEAD: ft (m)	75' (22.8 m)
PUMP TYPE	DEWATERING
STRAINER OPENING	0.375" (9.5 mm) diameter
IMPELLER DIAMETER: in (mm)	5.04" (128 mm)
DISCHARGE SIZE	3" NPT-MALE
PUMP NET WEIGHT ¹ : lbs (kg)	91 lbs (41.4 kg)
SHIPPING WEIGHT: lbs (kg)	99 lbs (45 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	STEEL
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	3.4 U.S. FL. OZ. (100 C.C.)
QTY. OIL IN MOTOR STATOR	16.9 U.S. FL. OZ. (500 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6304
BALL BEARING: PERM. LUBE. LOWER	6305

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 3
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ²	230/460, 3 PH, 60 Hz ; OPTION 208V/3PH/60Hz
CURRENT F.L.A. AT 230/460 V	9/4.5
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD ³ : GAGE; LENGTH	A.W.G. 14/4; 33' (10 m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM STATOR TEMPERATURE	230°F (110°C)
SEAL LEAK DETECTOR ⁴ (OPTIONAL)	SEAL MINDER; MOISTURE SENSING PROBE

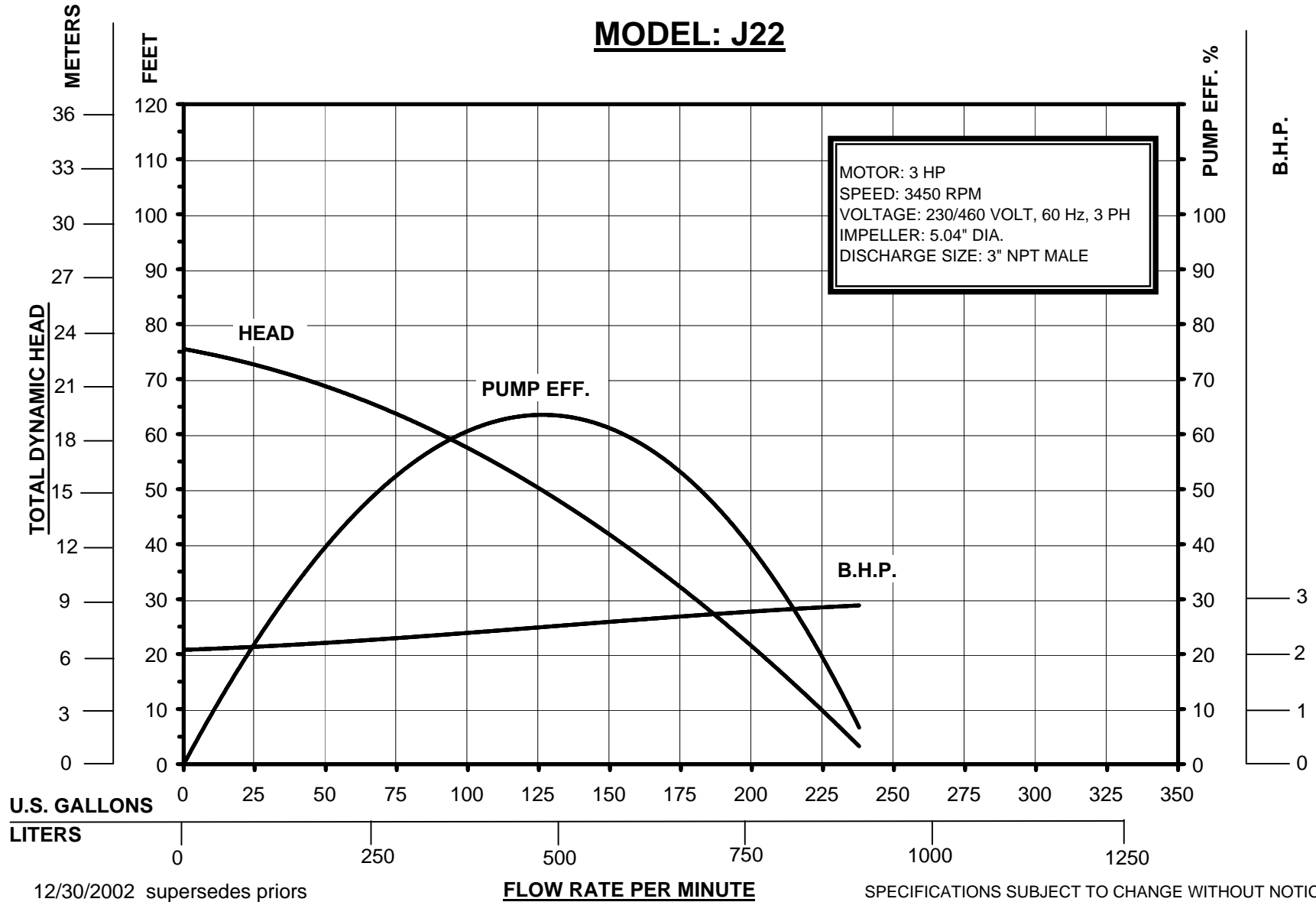
2- Available in other voltages (and in 50 Hz).

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: J22



MOTOR: 3 HP
SPEED: 3450 RPM
VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH
IMPELLER: 5.04" DIA.
DISCHARGE SIZE: 3" NPT MALE

12/30/2002 supersedes priors

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