

# BJM CORP.

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4/28/2003

0803

Supersedes

0802

## TECHNICAL DATA MODEL G22 BJM GRINDER PUMP-CAST IRON

### GENERAL DATA

MAX. FLOW: GPM (L/min)	89.8 GPM (340 L/min)
MAX. HEAD: ft (m)	59' (18 m)
IMPELLER DIAMETER: in (mm)	5.12" (130 mm)
DISCHARGE SIZE	2"(STANDARD) or 1.5" NPT-FEMALE
SLIDE RAIL DISCHARGE SIZE	1.5" or 2"
PUMP NET WEIGHT <sup>1</sup> : lbs (kg)	101 lbs (46 kg)
SHIPPING WEIGHT: lbs (kg)	113 lbs. (51.5 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	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	23 U.S. FL. OZ. (680 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6304
BALL BEARING: PERM. LUBE. LOWER	6207 x (2)

### ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 3
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
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	9/4.5
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD <sup>3</sup> : GAGE; LENGTH	A.W.G. 14/4; 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

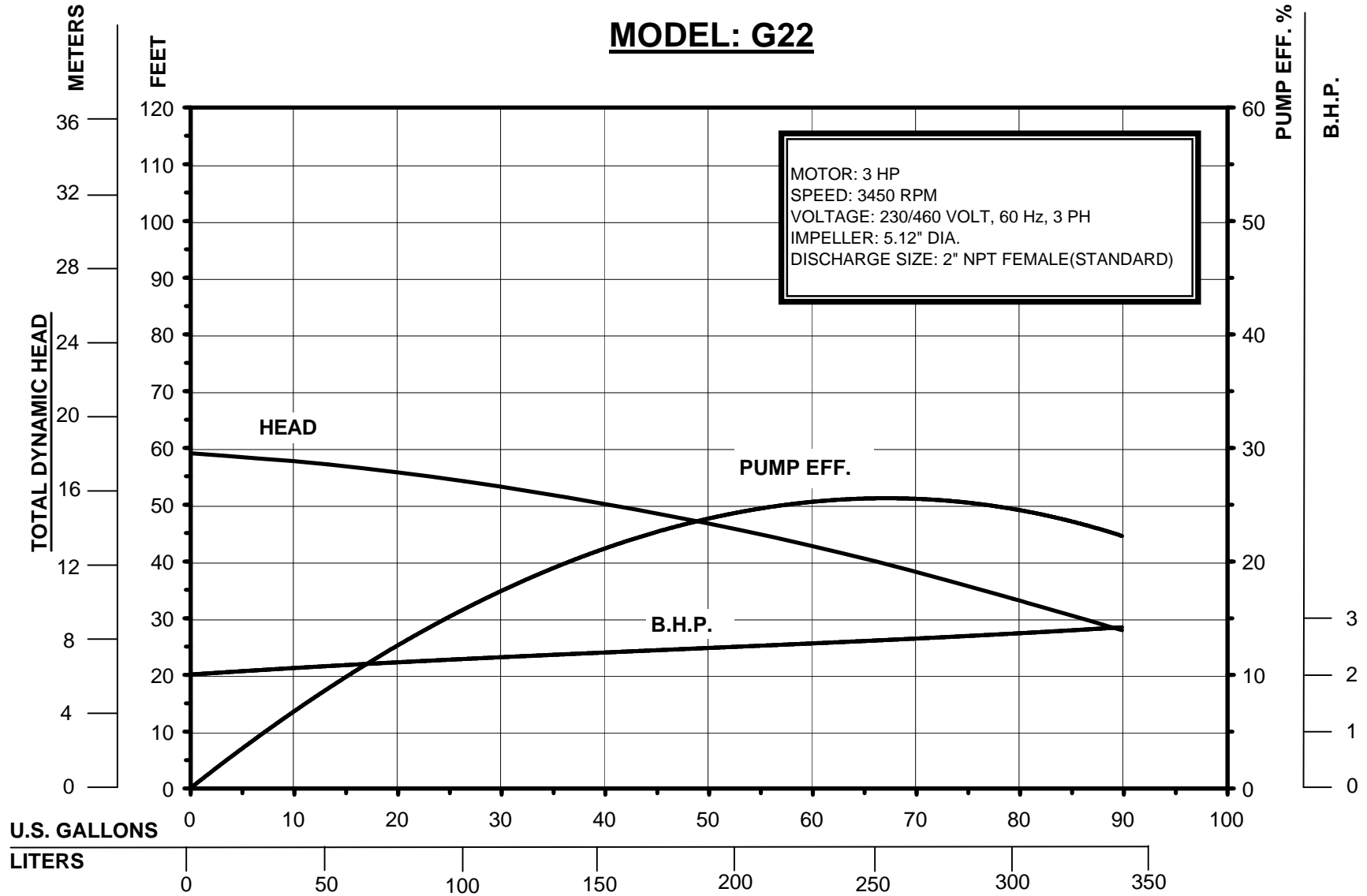
2- Available in other voltages (and in 50 Hz).

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: G22



MOTOR: 3 HP  
SPEED: 3450 RPM  
VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH  
IMPELLER: 5.12" DIA.  
DISCHARGE SIZE: 2" NPT FEMALE(STANDARD)

12/30/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE