

BJM CORP.

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4/28/2003

0803

Supersedes

0802

TECHNICAL DATA MODEL G12 BJM GRINDER PUMP-CAST IRON

GENERAL DATA

MAX. FLOW: GPM (L/min)	39.6 GPM (150 L/min)
MAX. HEAD: ft (m)	61.3' (18.7 m)
IMPELLER DIAMETER: in (mm)	4.33" (110mm)
DISCHARGE SIZE	1.25" (STANDARD), 1.5" or 2" NPT-FEMALE
SLIDE RAIL DISCHARGE SIZE	1.25", 1.5" or 2"
PUMP NET WEIGHT ¹ : lbs (kg)	64 lbs (29 kg)
SHIPPING WEIGHT: lbs (kg)	71 lbs. (32.3 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	19 U.S. FL. OZ. (560 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304 x (2)

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 1.5
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	4.6/2.3
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD ³ : GAGE; LENGTH	A.W.G. 16/4; 33' (10m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM STATOR TEMPERATURE	230°F (110°C)
SEAL LEAK DETECTOR ⁴	SEAL MINDER; MOISTURE SENSING PROBE

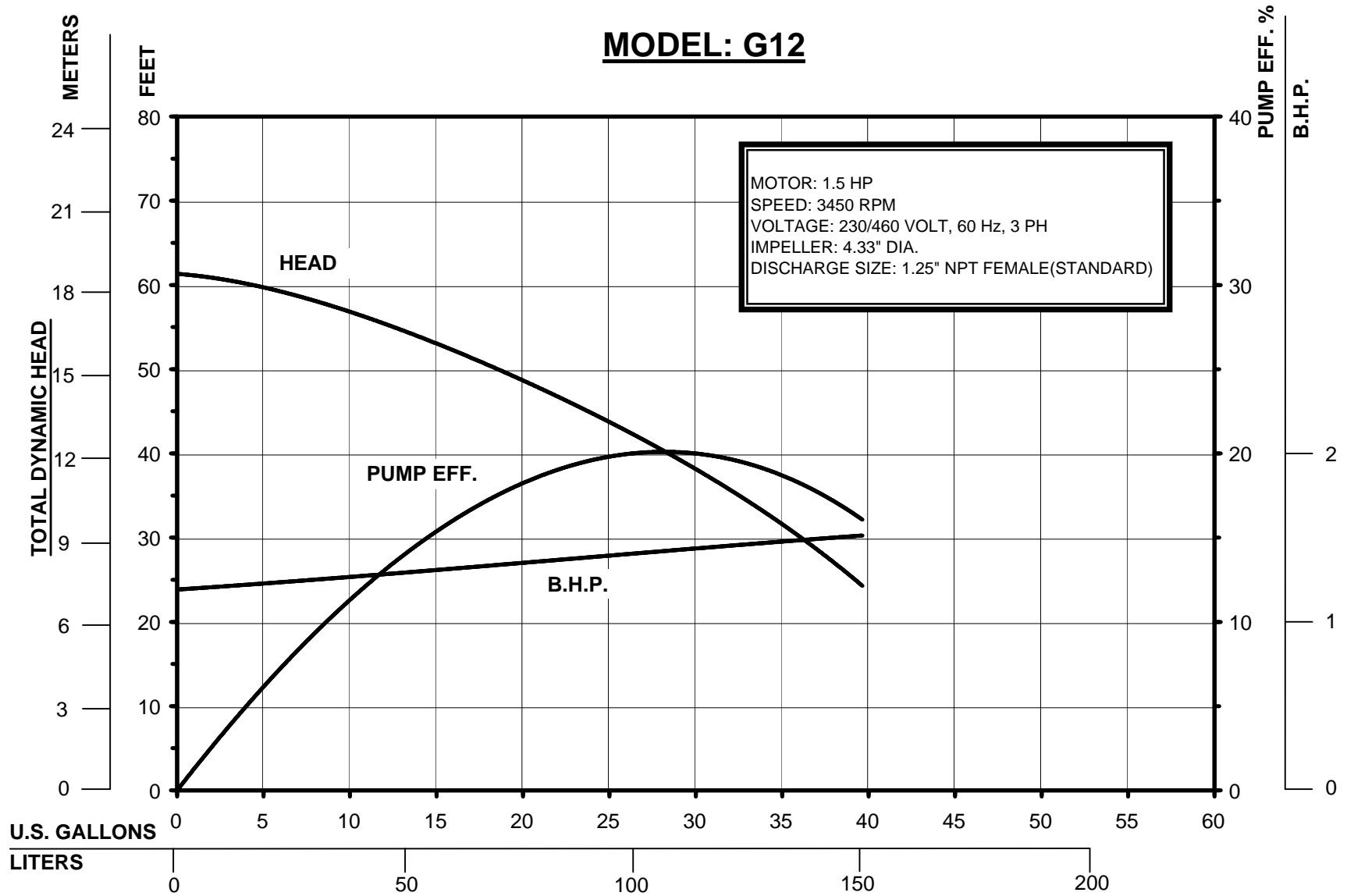
2- Available in other voltages (and in 50 Hz).

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: G12



MOTOR: 1.5 HP
SPEED: 3450 RPM
VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH
IMPELLER: 4.33" DIA.
DISCHARGE SIZE: 1.25" NPT FEMALE(STANDARD)

12/30/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE