

BJM CORP.

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12/23/2002
0802
Supersedes
0801

TECHNICAL DATA MODEL KZN55CH BJM SUBMERSIBLE PUMP-CAST IRON

GENERAL DATA

MAX. FLOW: GPM (L/min)	449 GPM (1699 L/min)
MAX. HEAD: ft (m)	69' (21 m)
PUMP TYPE	SLURRY HANDLING
SOLID SIZE: in (mm)	1" (25.4 mm)
STRAINER OPENING: in (mm)	1.375" (34.9 mm)
IMPELLER DIAMETER: in (mm)	10.82" (275 mm)
DISCHARGE SIZE	3"(STANDARD) or 4" NPT-MALE
DISCHARGE CONNECTION (OPTIONAL)	3" or 4" HOSE BARB
PUMP NET WEIGHT ¹ : lbs (kg)	361 lbs (164 kg)
SHIPPING WEIGHT: lbs (kg)	415 lbs. (188.6 kg)

1- Does not include power cord.

CONSTRUCTION/MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	MULTI VANE, HI-CHROME
STRAINER/STAND	STEEL
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	420 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	49 U.S. FL. OZ. (1450 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6308

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 7.5
MOTOR RPM	1750
MOTOR INSULATION CLASS	H
MOTOR SERVICE FACTOR	1.15
VOLTAGE ²	230/460, 3 PH, 60 Hz ; OPTION 208V/3PH/60Hz
CURRENT F.L.A. AT 230/460 V	19.5/9.5
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD ³ : GAGE; LENGTH	A.W.G. 10/4; 50' (15.2m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM STATOR TEMPERATURE	230°F (110°C)
SEAL LEAK DETECTOR ⁴ (OPTIONAL)	SEAL MINDER; MOISTURE SENSING PROBE

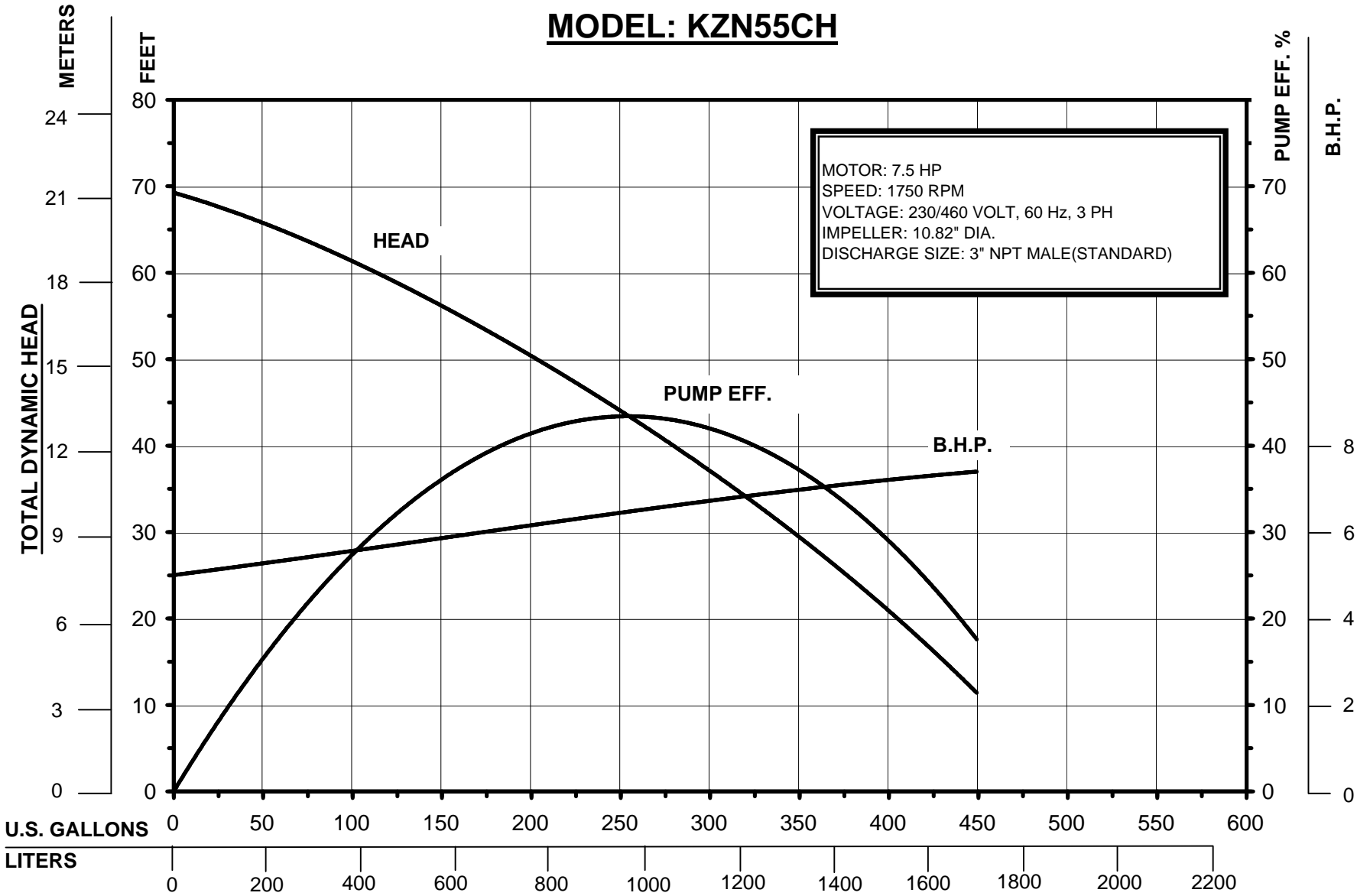
2- Available in other voltages (and in 50 Hz).

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: KZN55CH



MOTOR: 7.5 HP
SPEED: 1750 RPM
VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH
IMPELLER: 10.82" DIA.
DISCHARGE SIZE: 3" NPT MALE(STANDARD)

12/23/2002 supersedes priors

FLOW RATE PER MINUTE

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