

**TECHNICAL DATA**  
**MODEL KZN37**  
**HEAVY DUTY SLURRY PUMP – CHROME IRON / HARDENED DUCTILE IRON**  
**GENERAL DATA**

MAX. FLOW: GPM (L/min)	475 GPM (1800 L/min)
MAX. HEAD: ft (m)	42' (13 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SLURRY HANDLING
SOLID SIZE: in (mm)	0.875" (22.2 mm)
STRAINER OPENING: in (mm)	1.375" (34.9 mm)
PUMP DOWN WATER LEVEL: in (mm)	12" (305 mm)
IMPELLER DIAMETER: in (mm)	7.68" (195 mm)
DISCHARGE SIZE	3" NPT-MALE (4" NPT-MALE OPTIONAL)
DISCHARGE CONNECTION (Optional)	3" or 4" HOSE BARB
PUMP WEIGHT, without cable: lbs (kg)	319 lbs (145 kg)
SHIPPING WEIGHT: lbs (kg)	370 lbs. (168.2 kg)

**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	410 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, 5 (CONTINUOUS DUTY)			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	H			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE <sup>1</sup> - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	18.7	17	8.5	6.8
LOCKED ROTOR CURRENT (LRA)	94	85	43	34
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
POWER CORD <sup>2</sup> : GAGE; LENGTH	A.W.G. 12/5; 50' (15.2m), SOOW			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			
SEAL LEAK DETECTOR <sup>3</sup> (OPTIONAL)	Seal Minder®; MOISTURE SENSING PROBE			

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

2- Changed to 5 lead cord on mid-2006.

3- Requires a seal fail circuit in control panel for warning signal.

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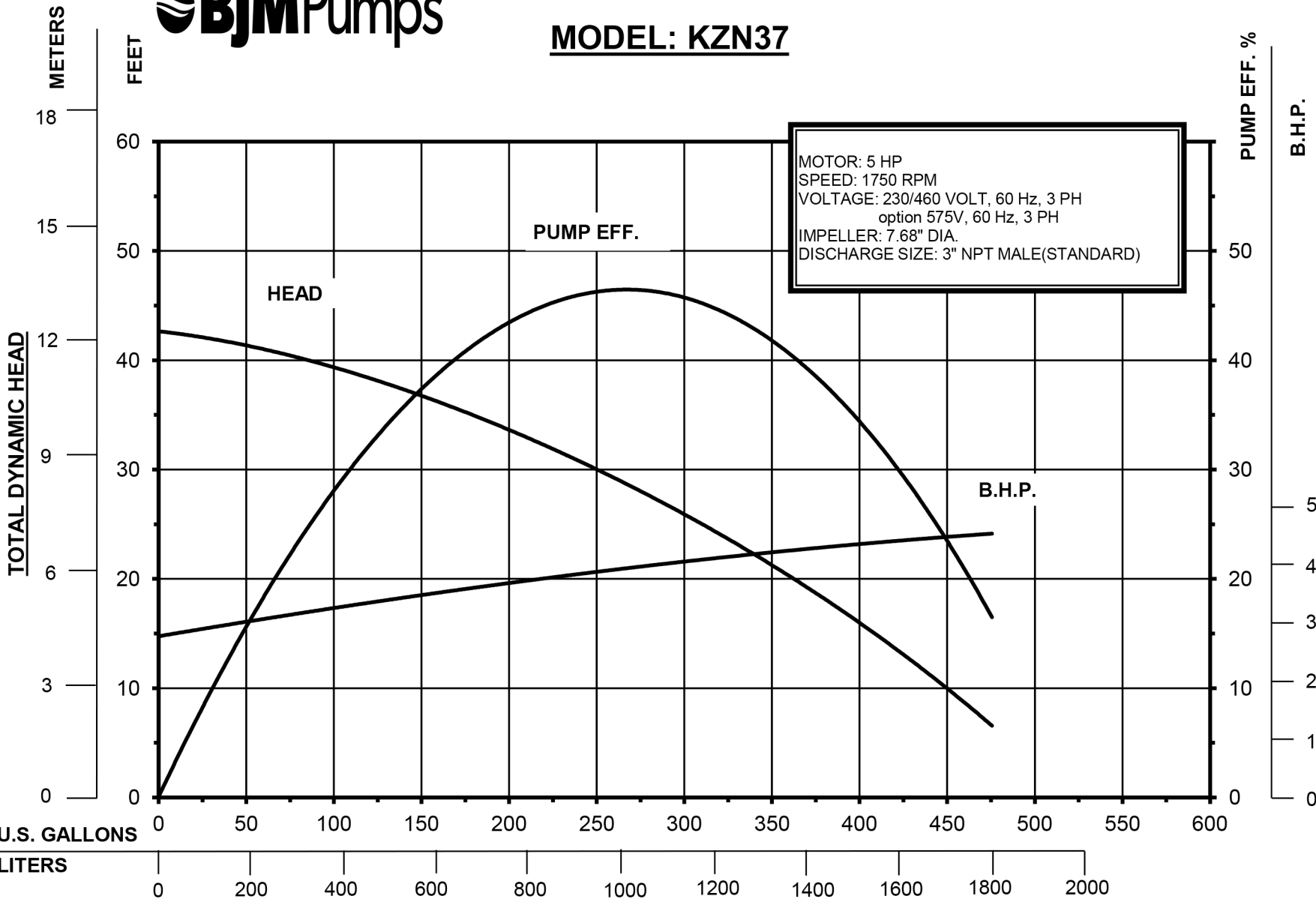
(860)399-5937 - (877) BJM-PUMP - Fax: (860)399-7784

REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES  
 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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# MODEL: KZN37



2/17/2006 supersedes priors

**FLOW RATE PER MINUTE**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE