

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 ¹ - 3 PH, 60 Hz	230V	460V	575V option
CURRENT F.L.A.	17	8.5	6.8
LOCKED ROTOR CURRENT (LRA)	85	43	34
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD		
POWER CORD ² : GAGE; LENGTH	A.W.G. 12/5; 50' (15.2m), SOOW		
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)		
SEAL LEAK DETECTOR ³ (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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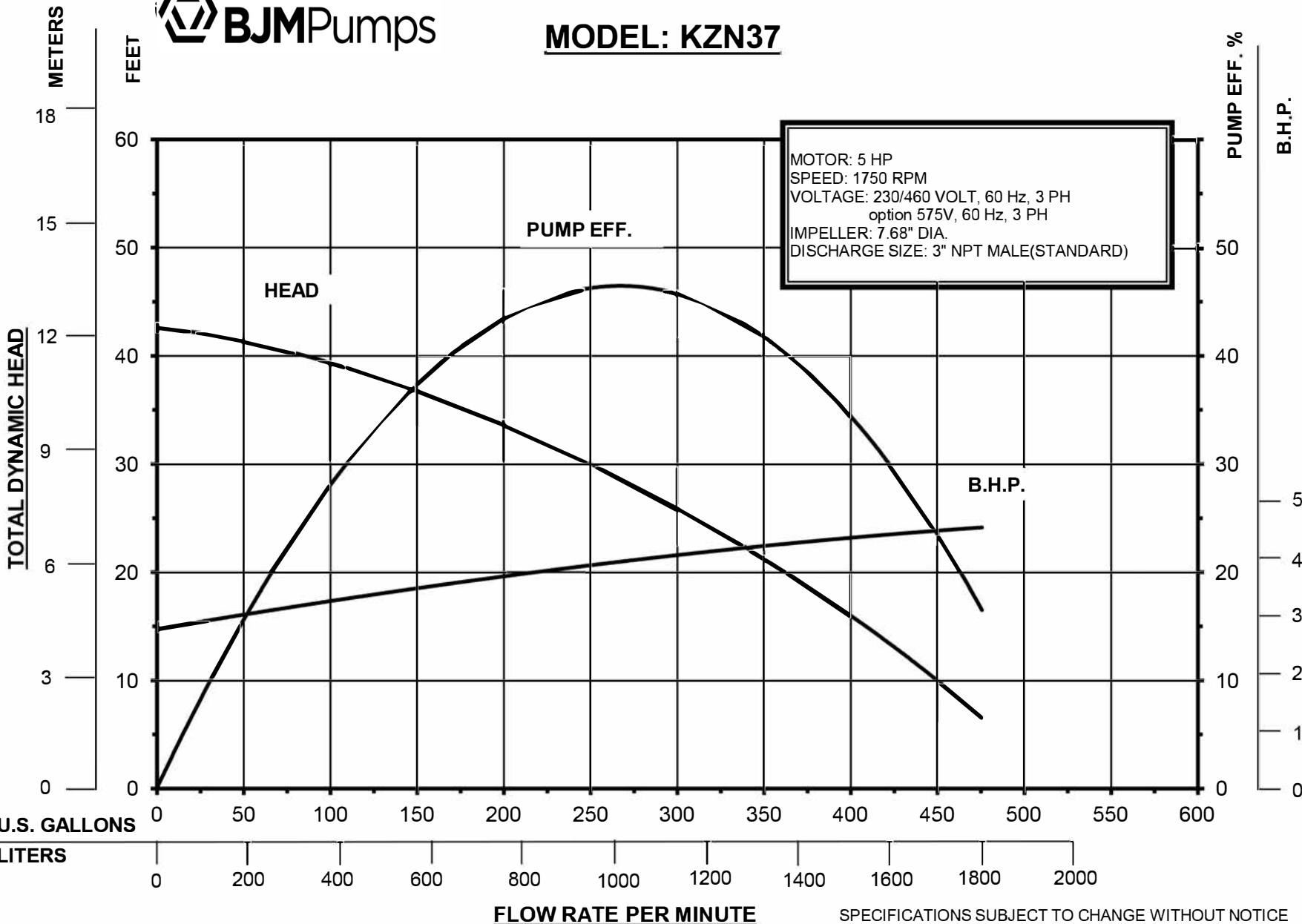
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MODEL: KZN37



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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE