

**TECHNICAL DATA
MODEL KZN220L
HEAVY DUTY SLURRY PUMP – CHROME IRON / HARDENED DUCTILE IRON
GENERAL DATA**

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| MAX. FLOW: GPM (L/min) | 1690 GPM (6396 L/min) |
| MAX. HEAD: ft (m) | 77' (23.5 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) | 1.5" (38.1 mm) |
| STRAINER OPENING: in (mm) | 1.375" (34.9 mm) |
| PUMP DOWN WATER LEVEL: in (mm) | 16" (406 mm) |
| IMPELLER DIAMETER: in (mm) | 10.23" (260 mm) |
| DISCHARGE SIZE | 6" NPT-MALE (8" flange OPTIONAL) |
| DISCHARGE CONNECTION (Optional) | 6" or 8" HOSE BARB |
| PUMP WEIGHT, without cable: lbs (kg) | 1144 lbs (520 kg) |
| SHIPPING WEIGHT: lbs (kg) | 1275 lbs. (579.5 kg) |

CONSTRUCTION / MATERIAL DATA

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|---------------------------------|---------------------------------|
| 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 | 213 U.S. FL. OZ. (6300 C.C.) |
| BALL BEARING: PERM. LUBE. UPPER | 6309 |
| BALL BEARING: PERM. LUBE. LOWER | 6314 x (2) |

ELECTRICAL / MOTOR DATA

| | | |
|--|--------------------------------------|-------------|
| MOTOR: TYPE, RATING HP | SUBMERSIBLE, 30 (CONTINUOUS DUTY) | |
| MOTOR RPM | 1750 | |
| MOTOR INSULATION CLASS | H | |
| MOTOR SERVICE FACTOR | 1.15 | |
| VOLTAGE ¹ - 3 PH, 60 Hz | 460V | 575V option |
| CURRENT F.L.A. | 39 | 30.2 |
| LOCKED ROTOR CURRENT (LRA) | 230 | 184 |
| MOTOR PROTECTION | THERMAL & AMP. OVERLOAD | |
| POWER CORD ² : GAGE; LENGTH | A.W.G. 4/5; 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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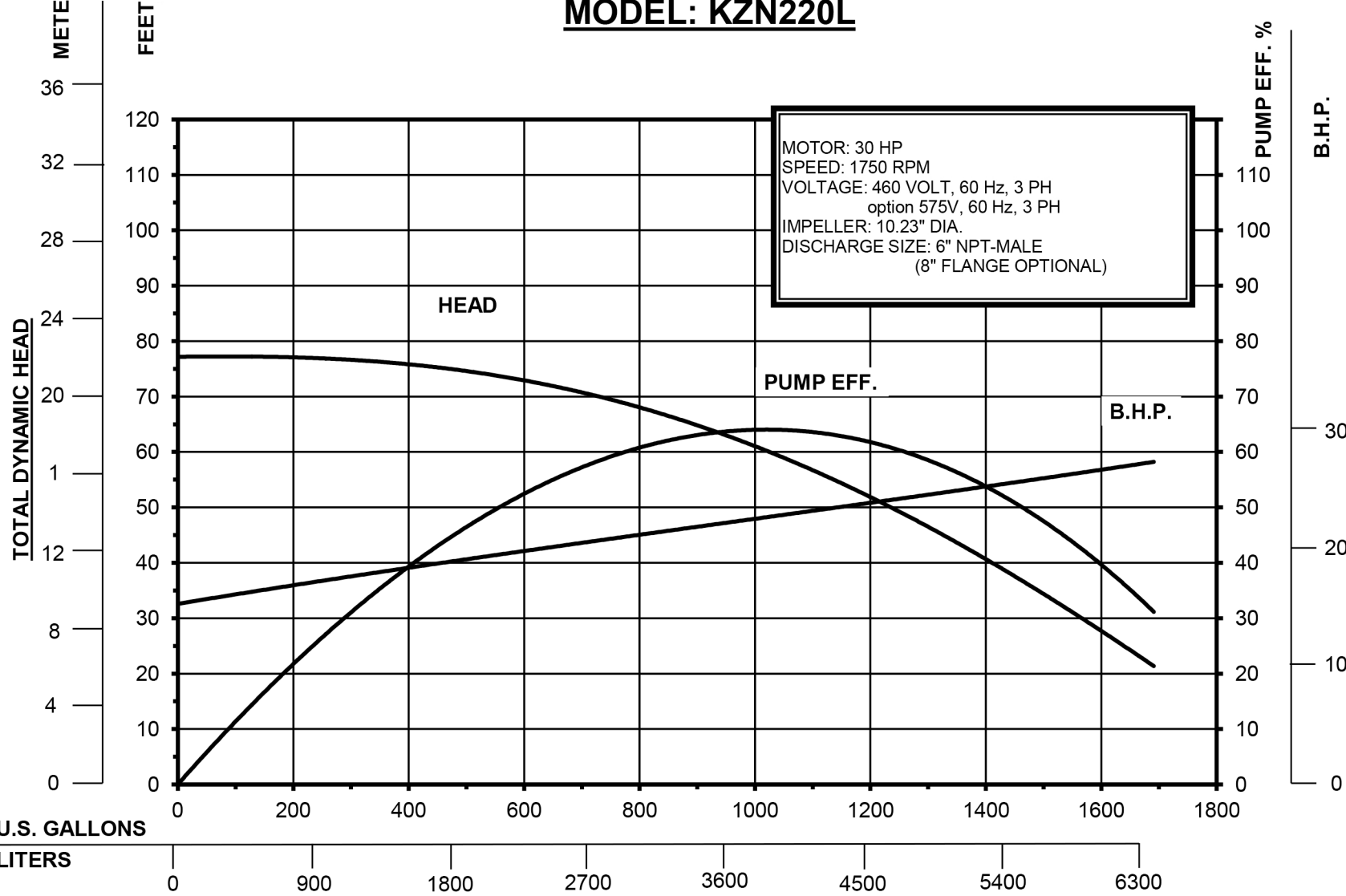
(860)399-5937 - (877) BJM-PUMP - Fax: (860)399-7784

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

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MODEL: KZN220L



2/17/2006 supersedes priors

FLOW RATE PER MINUTE

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