

**TECHNICAL DATA
MODEL KZN220
HEAVY DUTY SLURRY PUMP – CHROME IRON / HARDENED DUCTILE IRON
GENERAL DATA**

MAX. FLOW: GPM (L/min)	1268 GPM (4799 L/min)
MAX. HEAD: ft (m)	105' (32 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)	11.65" (296 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

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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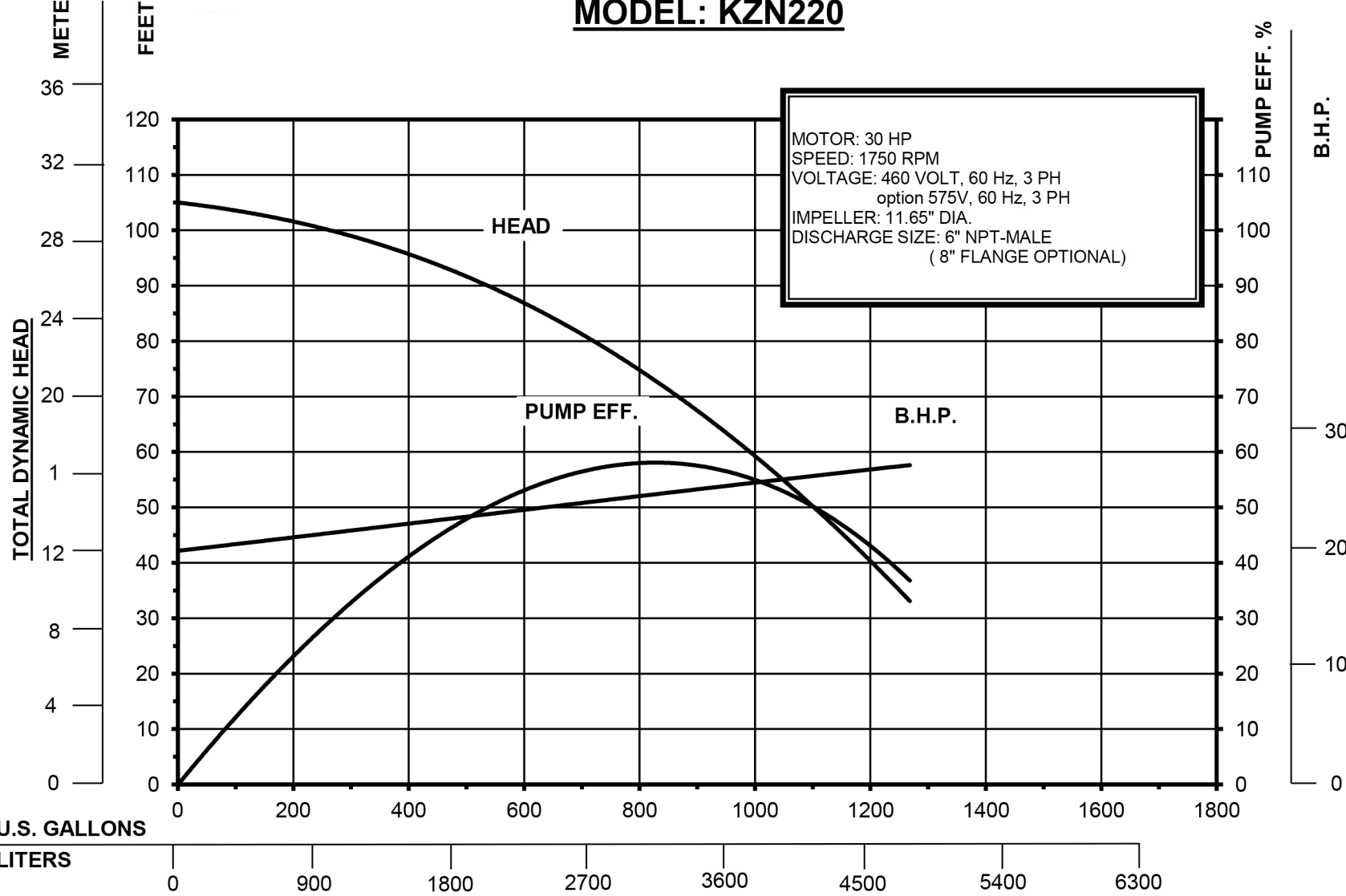
REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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MODEL: KZN220



MOTOR: 30 HP
SPEED: 1750 RPM
VOLTAGE: 460 VOLT, 60 Hz, 3 PH
option 575V, 60 Hz, 3 PH
IMPELLER: 11.65" DIA.
DISCHARGE SIZE: 6" NPT-MALE
(8" FLANGE OPTIONAL)

2/17/2006 supersedes priors

FLOW RATE PER MINUTE

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