

TECHNICAL DATA
MODEL KZN110HR
HI-HARD SEVERE DUTY SLURRY PUMP – CHROME IRON / HI HARD VOLUTE
GENERAL DATA

MAX. FLOW: GPM (L/min)	819 GPM (3099 L/min)
MAX. HEAD: ft (m)	87' (26.5 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)	1.375" (34.9 mm)
STRAINER OPENING: in (mm)	1.375" (34.9 mm)
PUMP DOWN WATER LEVEL: in (mm)	16" (406 mm)
IMPELLER DIAMETER: in (mm)	11.61" (295 mm)
DISCHARGE SIZE	4" NPT-MALE
DISCHARGE CONNECTION (Optional)	4" HOSE BARB
PUMP WEIGHT, without cable: lbs (kg)	581 lbs (264.1 kg)
SHIPPING WEIGHT: lbs (kg)	685 lbs. (311.4 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON WITH INTERIOR HARDNESS COATING TO 1180 DPH(Rc 71)
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	125 U.S. FL. OZ. (3700 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6310

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 15 (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.	17.5	13.7
LOCKED ROTOR CURRENT (LRA)	110	85
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
POWER CORD ² : GAGE; LENGTH	A.W.G. 8/5; 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.

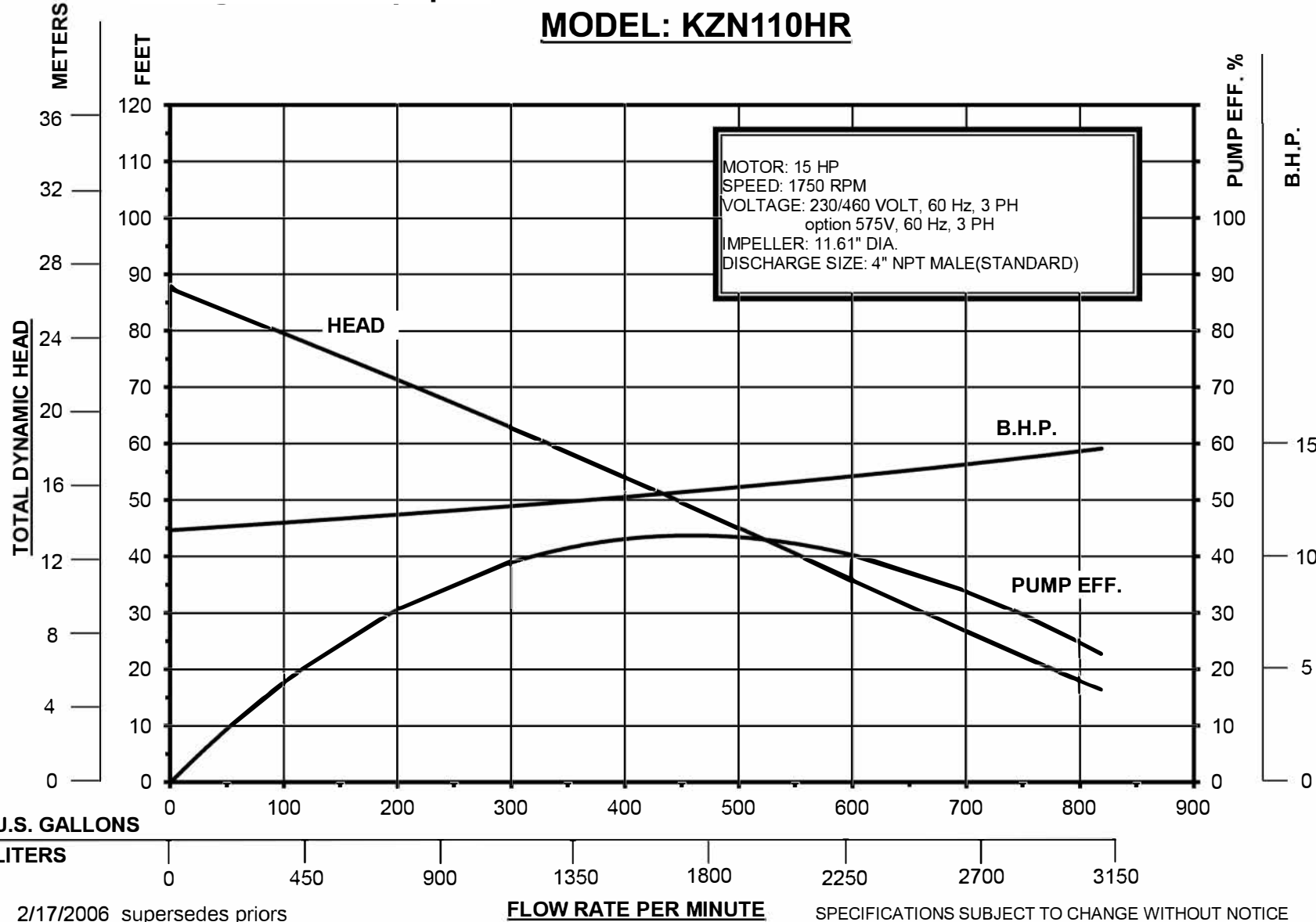
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MODEL: KZN110HR



MOTOR: 15 HP
 SPEED: 1750 RPM
 VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH
 option 575V, 60 Hz, 3 PH
 IMPELLER: 11.61" DIA.
 DISCHARGE SIZE: 4" NPT MALE(STANDARD)

2/17/2006 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE