

**TECHNICAL DATA**  
**MODEL KZN220LR**  
**HI-HARD SEVERE DUTY SLURRY PUMP – CHROME IRON / HI HARD VOLUTE**  
**GENERAL DATA**

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)	1150 lbs (522.7 kg)
SHIPPING WEIGHT: lbs (kg)	1281 lbs. (582.3 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	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 <sup>1</sup> - 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 <sup>2</sup> : GAGE; LENGTH	A.W.G. 4/5; 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.

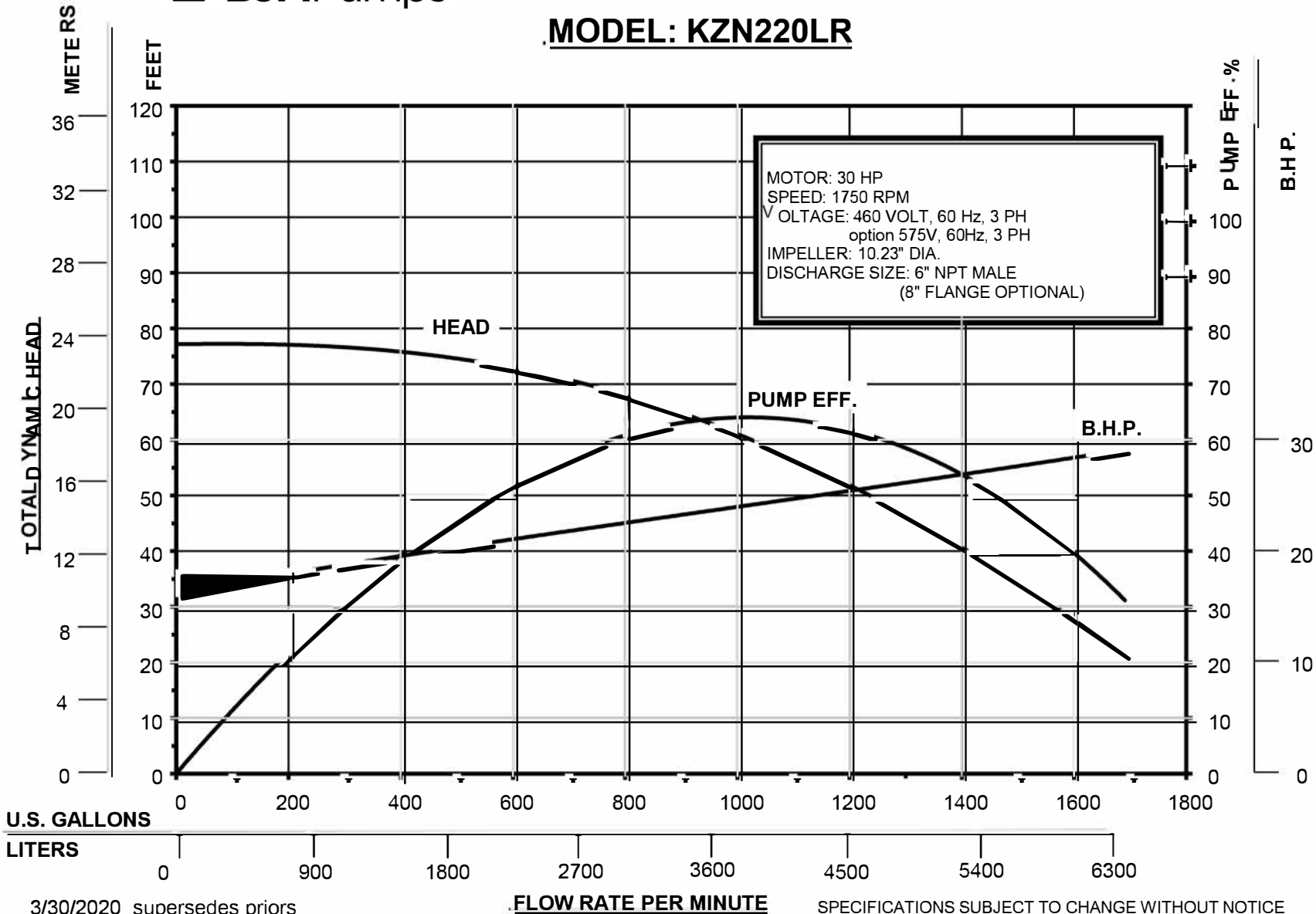
3- Requires a seal fail circuit in control panel for warning signal.

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## MODEL: KZN220LR



3/30/2020 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE