

**TECHNICAL DATA**  
**MODEL KZN370**  
**HEAVY DUTY SLURRY PUMP – CHROME IRON / HARDENED DUCTILE IRON**

**GENERAL DATA**

MAX. FLOW: GPM (L/min)	2300 GPM (8700 L/min)
MAX. HEAD: ft (m)	107' (32.5 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)	18" (452 mm)
IMPELLER DIAMETER: in (mm)	12.40" (315 mm)
DISCHARGE SIZE	6" NPT-MALE (8" Flange OPTIONAL)
DISCHARGE CONNECTION (Optional)	6" or 8" HOSE BARB
PUMP WEIGHT, without cable: lbs (kg)	1320 lbs (600 kg)
SHIPPING WEIGHT: lbs (kg)	1600 lbs (727 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	203 U.S. FL. OZ. (6000 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6309
BALL BEARING: PERM. LUBE. LOWER	6314 x (2)

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 50 (CONTINUOUS DUTY)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE <sup>1</sup> - 3 PH, 60 Hz	460V	
CURRENT F.L.A.	66	
LOCKED ROTOR CURRENT (LRA)	295	
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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Pump type	KZN370---	FLA	66	A
impeller diameter	315 mm	Voltage	460	V
nominal HP	50 HP	RPM	1750	RPM
SN#	A55020	Frequency	60	Hz

