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3/13/2013
0803
Supersedes
0802

**TECHNICAL DATA
MODEL KZE550
HEAVY DUTY SLURRY PUMP – CHROME IRON
GENERAL DATA**

MAX. FLOW: GPM (L/min)	2415 GPM (9140 L/min)
MAX. HEAD: ft (m)	163' (49.6 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" (25.4 mm)
DISCHARGE SIZE	8" ANSI #150
PUMP WEIGHT, with cables: lbs (kg)	1635 lbs (743 kg)
SHIPPING WEIGHT: lbs (kg)	Est. 1935 lbs. (880 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE, BUNA-N ELASTOMERS
MOTOR HOUSING	CAST IRON, A48 - # 35
PUMP VOLUTE	HI-CHROME
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	DOUBLE VANE, HI-CHROME
STRAINER/STAND	MILD STEEL
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	403 SS
EXTERNAL HARDWARE	304 SS
ROLLER BEARING: PERM. LUBE. UPPER	NU 311
BALL BEARING: PERM. LUBE. LOWER	7316 BDB x (2)

ELECTRICAL / MOTOR DATA

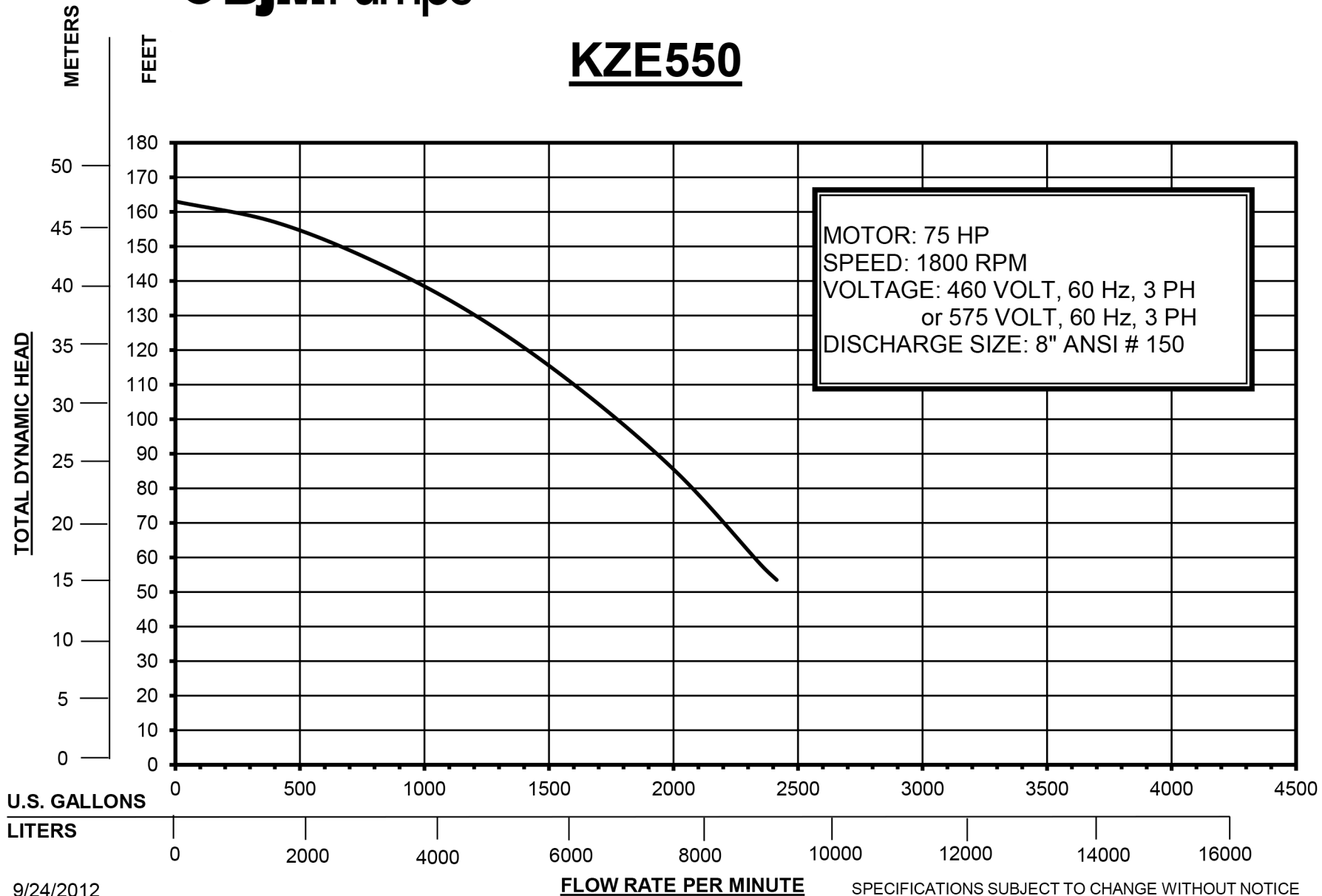
MOTOR: TYPE, RATING HP	SUBMERSIBLE, 75 (CONTINUOUS DUTY)	
MOTOR RPM	1800	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.15	
VOLTAGE - 3 PH, 60 Hz	460V	575V
CURRENT F.L.A.	88	70
LOCKED ROTOR CURRENT (LRA)	705	564
MOTOR PROTECTION	TWO THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 300°F (149°C).	
POWER CABLE: GAGE; LENGTH	A.W.G. # 4; 50' (15.2m), GGC	
SENSOR CABLE: GAGE; LENGTH	AWG 14/4; 50' (15.2m), SOOW	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	
SEAL LEAK DETECTOR	Seal Minder®; MOISTURE SENSING PROBE	

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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES
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KZE550



9/24/2012

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