



**TECHNICAL DATA  
MODEL XP-KZN75**

**EXPLOSION PROOF SLURRY PUMP – CHROME IRON / HARDENED DUCTILE IRON  
FM APPROVED CLASS I, DIVISION 1, GROUP C & D MOTOR**

**GENERAL DATA**

MAX. FLOW: GPM (L/min)	655 GPM (2480 L/min)
MAX. HEAD: ft (m)	61' (18.6 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)
STRAINER OPENING: in (mm)	1.375" (34.9 mm)
PUMP DOWN WATER LEVEL: in (mm)	12" (305 mm)
IMPELLER DIAMETER: in (mm)	8.97" (228 mm)
DISCHARGE SIZE	4" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	Approx. 361 lbs (164 kg)
SHIPPING WEIGHT: lbs (kg)	Approx. 433 lbs. (197 kg)

**CONSTRUCTION / MATERIAL DATA**

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON <sup>1</sup>
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	49 U.S. FL. OZ. (1450 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6308

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 10 (CONTINUOUS DUTY)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.15	
VOLTAGE - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	13	10.5
LOCKED ROTOR CURRENT (LRA)	77	55
MOTOR PROTECTION	THREE THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 302°F (150°C)	
POWER CABLE: GAGE; LENGTH	A.W.G. 10/5; 50' (15.2m), SOOW	
SENSOR CABLE: GAGE; LENGTH	AWG 16/4; 50' (15.2m), SOOW	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	
SEAL LEAK DETECTOR <sup>2</sup>	Seal Minder®; MOISTURE SENSING PROBE	

1- Optional WC/Cr/Co abrasion resistant internal coating( type 'R') available.

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

Note: BJM Pumps requires the seal minder and thermal sensor switches be properly connected to meet FM approval and to validate BJM warranty.

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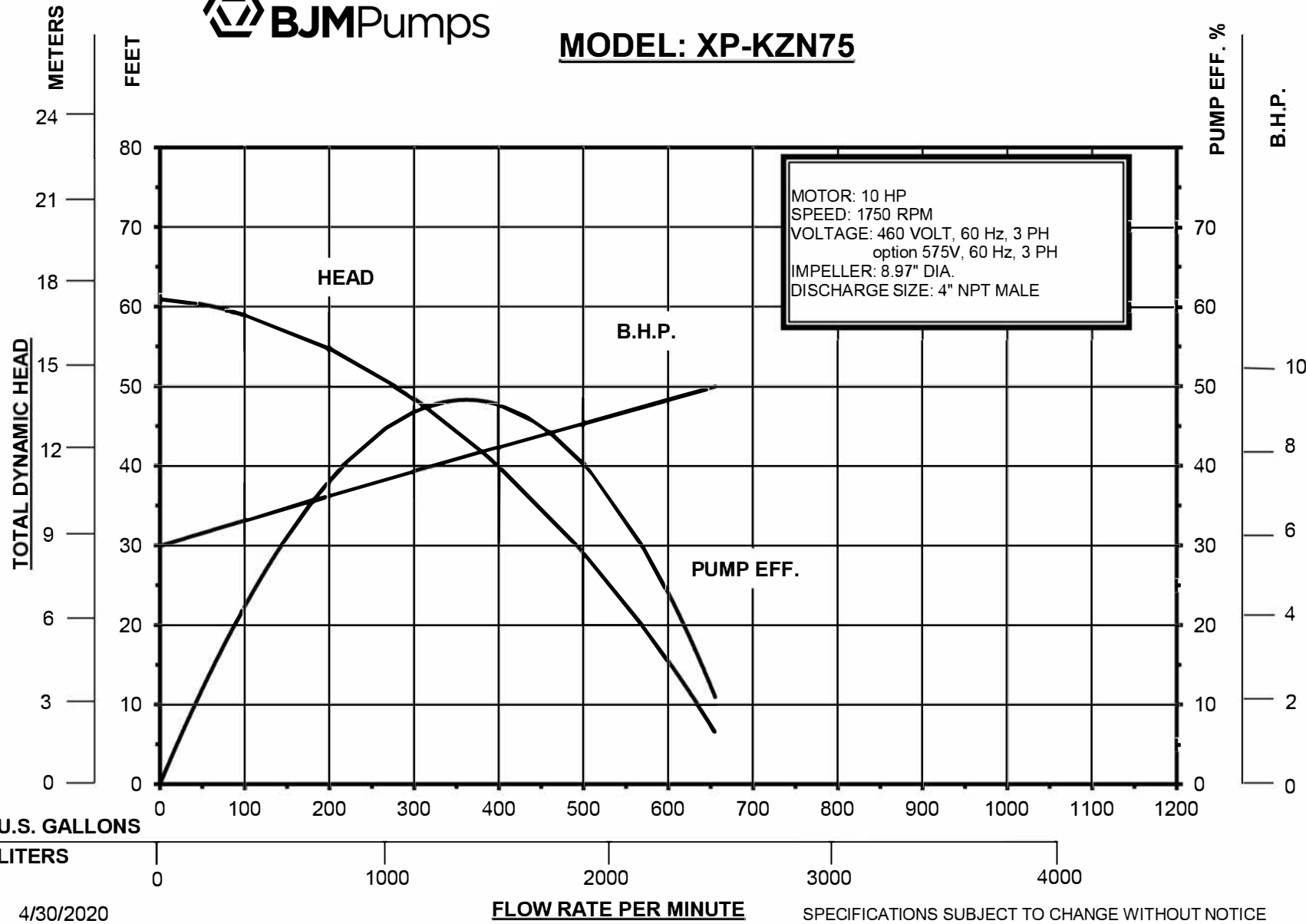
REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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4/30/2020

FLOW RATE PER MINUTE

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