



TECHNICAL DATA
MODEL XP-KZN55
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)	594 GPM (2248 L/min)
MAX. HEAD: ft (m)	57' (17.3 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)	8.66" (220 mm)
DISCHARGE SIZE	4" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	Approx. 350 lbs (159 kg)
SHIPPING WEIGHT: lbs (kg)	Approx. 422 lbs. (192 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON ¹
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, 7.5 (CONTINUOUS DUTY)		
MOTOR RPM	1750		
MOTOR INSULATION CLASS	H		
MOTOR SERVICE FACTOR	1.15		
VOLTAGE - 3 PH, 60 Hz	230V	460V	575V option
CURRENT F.L.A.	19.5	9.5	7.8
LOCKED ROTOR CURRENT (LRA)	130	65	48
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 ²	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.

©2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

104 John W Murphy Drive

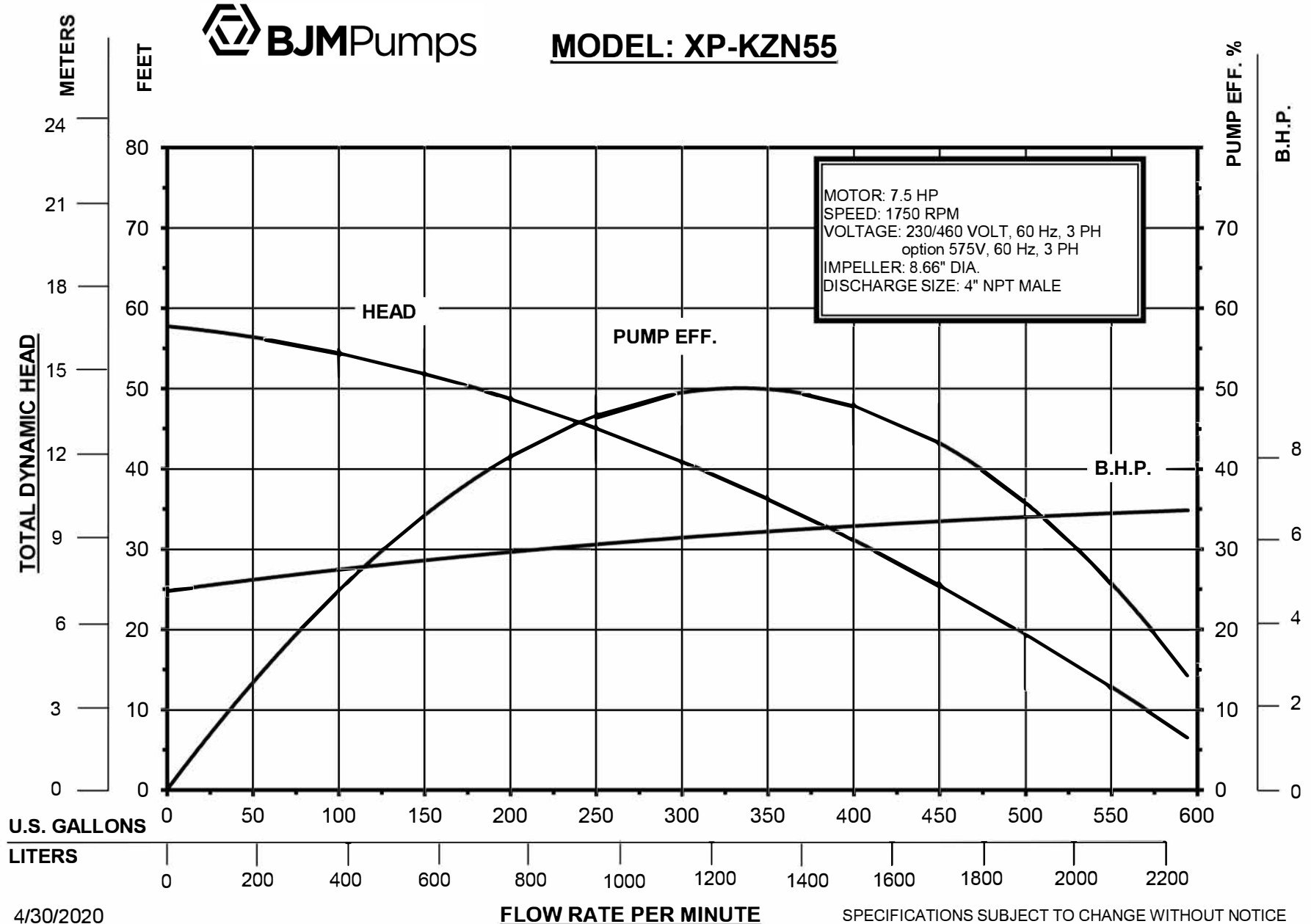
New Haven, CT. 0613, USA

Tel: (860)399-5937 - Fax: (860)399-7784

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

Seal Minder® is a registered trademark of Industrial Flow Solutions Operating, LLC. All rights reserved.

© 2020 Industrial Flow Solutions Operating, LLC. All rights reserved.



4/30/2020

FLOW RATE PER MINUTE SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE