



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps®
KZE 550

Dwg:

DS-C13-007

Rev:

1

Date:

9/19/2024

GENERAL DATA

MAX. FLOW:	2415 GPM (9141 L/min)
MAX. HEAD:	163' (49.7m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	SLURRY HANDLING
MINIMUM SUBMERSION DEPTH:	4.59' (55 in)
SOLID SIZE:	1" (25.4 mm)
STRAINER OPENING:	1" (25.4 mm)
DISCHARGE SIZE	8" ANSI #150
PUMP WEIGHT, with cables:	1638 lbs (743 kg)
SHIPPING WEIGHT, Estimated:	1941 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
UPPER BEARING	NU 311
LOWER BEARING	ANGULAR CONTACT BALL BEARING, 7316 BDB (x 2)

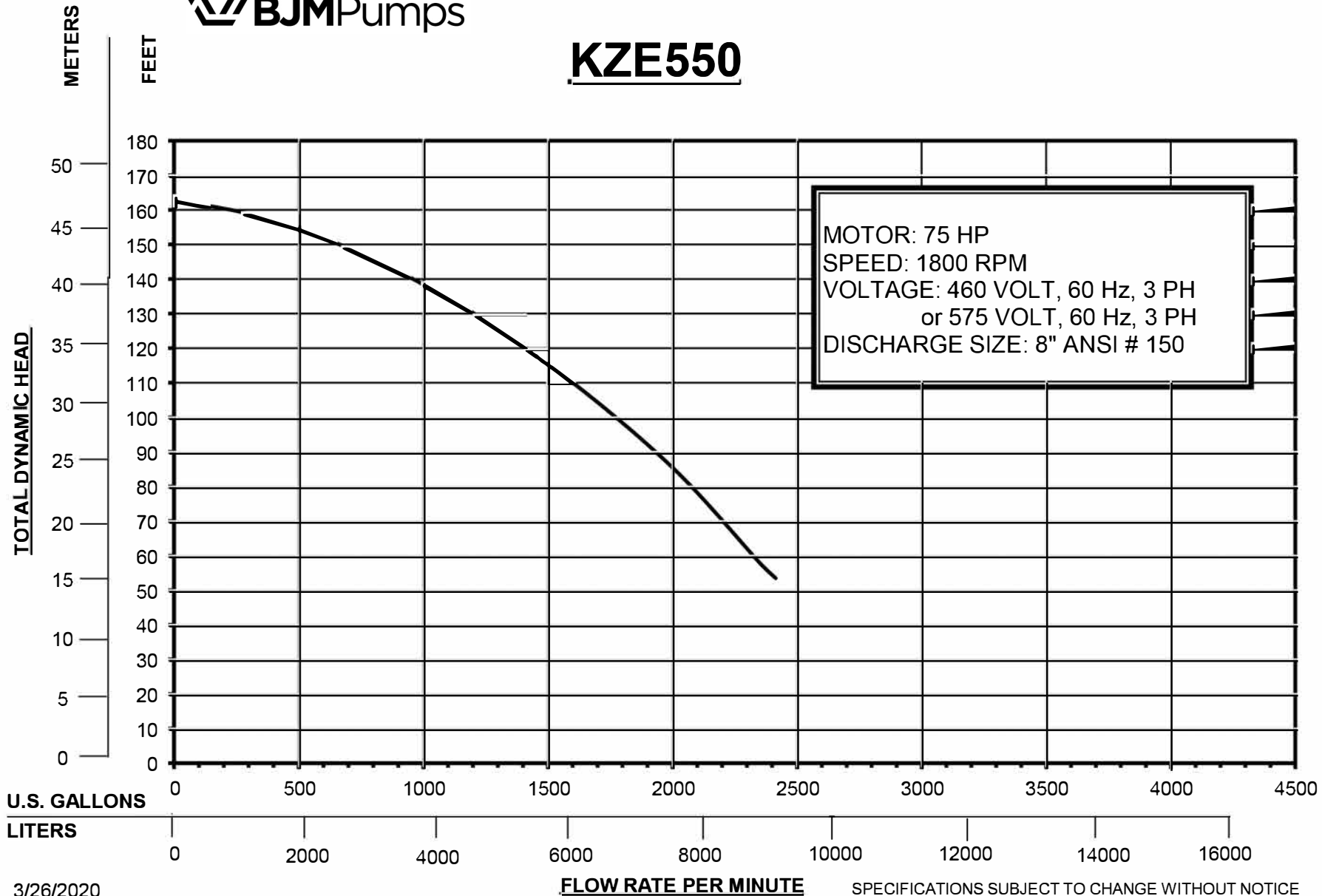
ELECTRICAL / MOTOR DATA

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	460	575
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 CORD: GAGE; LENGTH	A.W.G. # 4; 50' (15.2m), GGC	
POWER CORD: 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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KZE550



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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE