

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KZE550		
	Dwg:	DS-C13-007	Rev:	2	Date:	8/13/2025

GENERAL DATA

MAX. FLOW:	2434 GPM (9213.6 L/min)
MAX. HEAD:	162' (49.3m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SLURRY HANDLING
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY ³	57.6" (1461 mm)
SOLID SIZE:	1" (25.4 mm)
IMPELLER DIAMETER:	14.02" (356 mm)
DISCHARGE SIZE	8" ANSI FLANGE
SLIDE RAIL SYSTEM	8"
PUMP WEIGHT (without cable):	1638 lbs (743 kg)
SHIPPING WEIGHT:	1940 lbs (880 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	HI-CHROME
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	HI-CHROME
STAND	STEEL
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	403SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	NU 311
BALL BEARING: PERM. LUBE. LOWER	7316 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	75, SUBMERSIBLE , (CONTINUOUS DUTY ³)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.2	
VOLTAGE - 60Hz ¹	460V	575V
CURRENT F.L.A.	88	70
LOCKED ROTOR CURRENT (LRA)	705	564
POWER CABLE: GAGE-LENGTH	AWG #4, 50' (15m) TYPE G-GC	
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 14/4, 50' (15m) SOOW	
MOTOR PROTECTION	EMBEDDED THERMAL SWITCHES	
SEAL LEAK DETECTOR (OPTIONAL ²)	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

2 - Requires a thermal and seal fail circuit in control panel for warranty validity

3 - Continuous duty motor - see minimum submersion depth above

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® KZE550

Dwg:

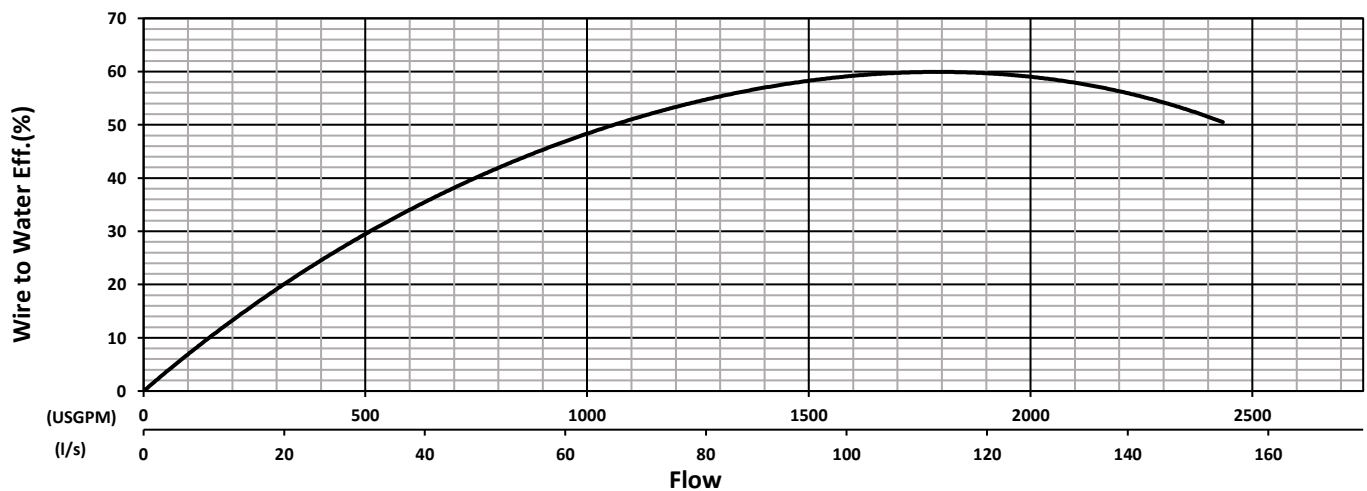
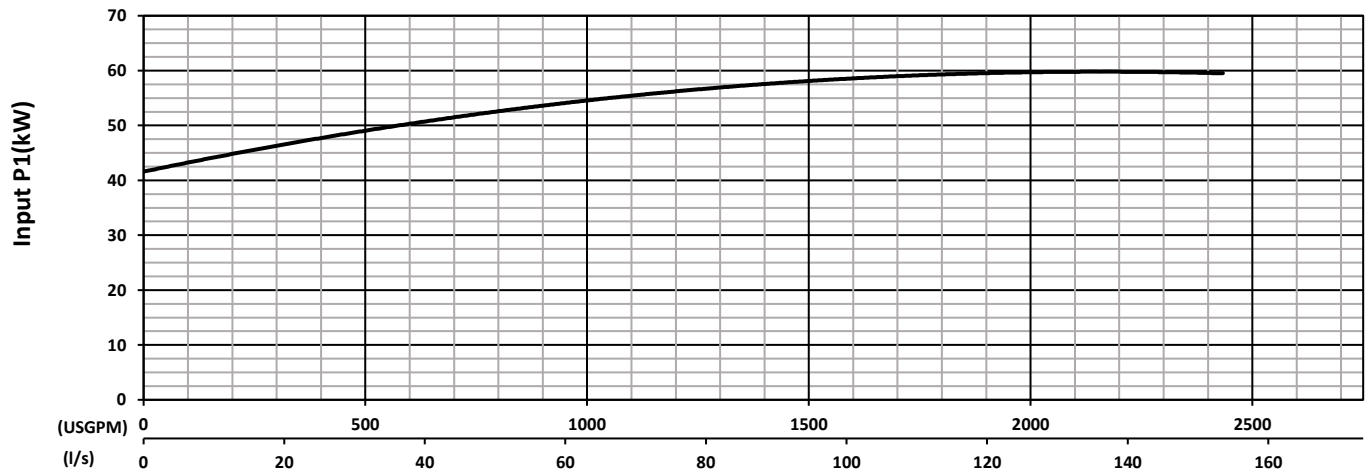
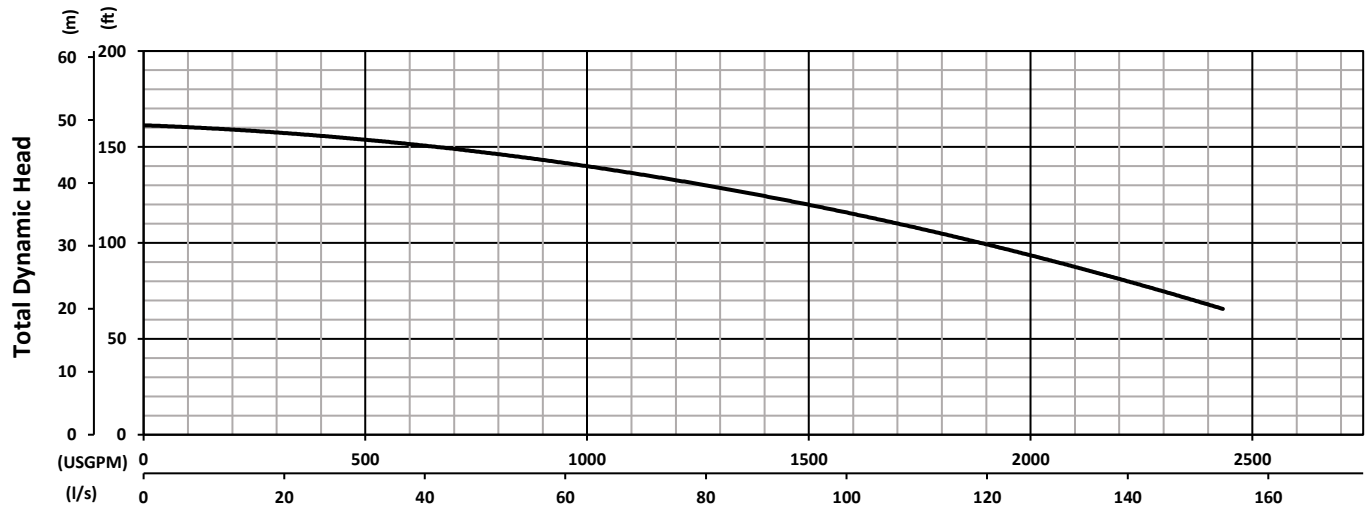
DS-C13-011

Rev:

1

Date:

6/20/2025



Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

550 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
1750 RPM
356mm

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