

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KZE750		
	Dwg:	DS-C13-008	Rev:	2	Date:	8/15/2025

GENERAL DATA

MAX. FLOW:	2129 GPM (8059.1 L/min)
MAX. HEAD:	175' (53.3m)
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:	1.3" (33 mm)
IMPELLER DIAMETER:	14.49" (368 mm)
DISCHARGE SIZE	8" ANSI FLANGE
SLIDE RAIL SYSTEM	8"
PUMP WEIGHT (without cable):	1759 lbs (798 kg)
SHIPPING WEIGHT:	2059 lbs (934 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 309
BALL BEARING: PERM. LUBE. LOWER	7316 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	100, 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.	124	102
LOCKED ROTOR CURRENT (LRA)	1020	837
POWER CABLE: GAGE-LENGTH	AWG #2, 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® KZE750

Dwg:

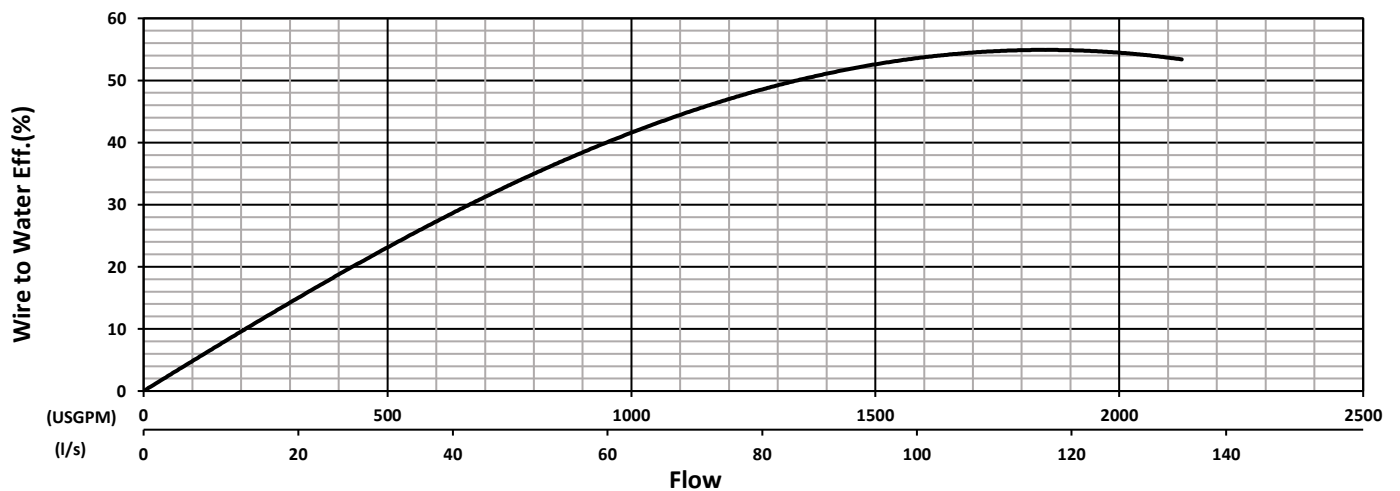
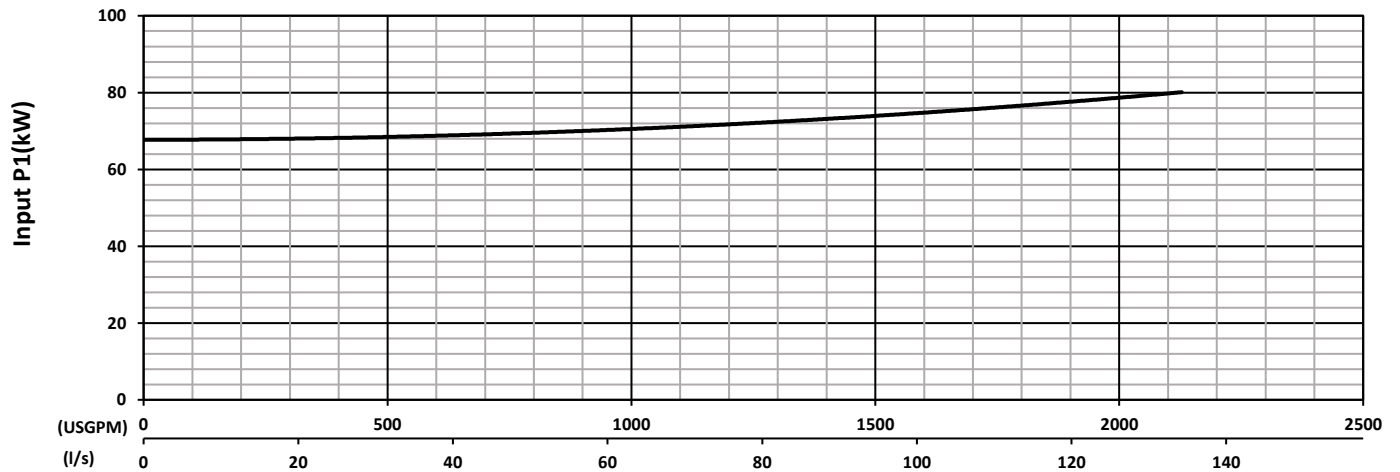
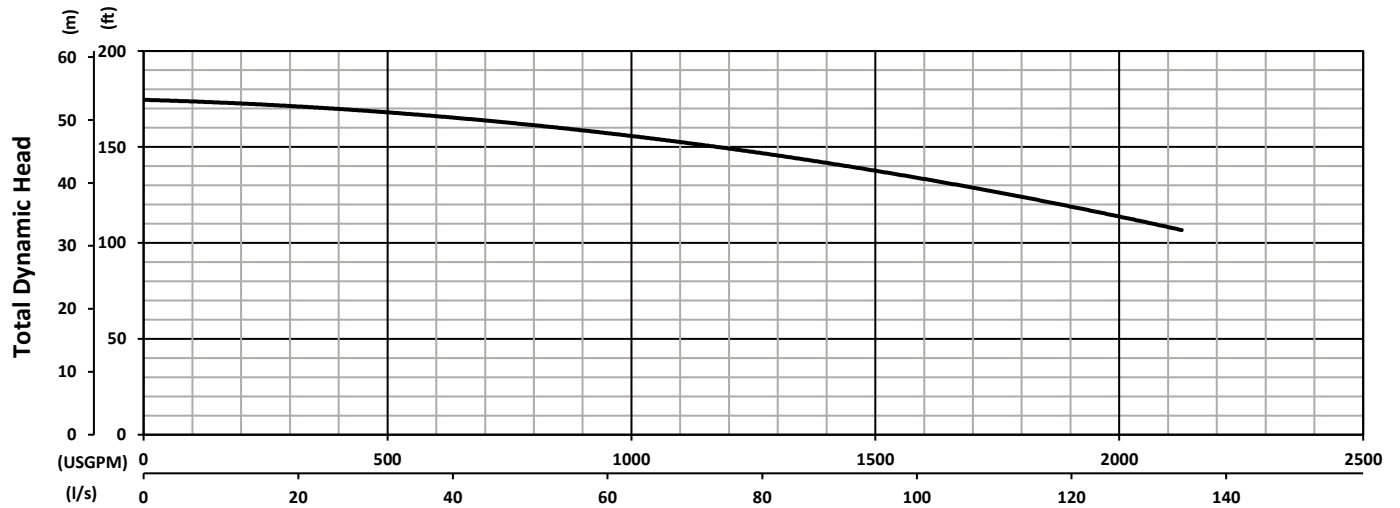
DS-C13-013

Rev:

1

Date:

8/8/2025



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

750 - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 368mm

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