



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® KZN150LRF**

**Dwg:**

DS-C18-017

**Rev:**

1

**Date:**

8/21/2025

### GENERAL DATA

MAX. FLOW:	1386 GPM (5246.5 L/min)
MAX. HEAD:	71' (21.9m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SLURRY HANDLING TOP DISCHARGE
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY <sup>3</sup>	45" (1143 mm)
PUMP DOWN WATER LEVEL:	16" (406 mm)
SOLID SIZE:	1.5" (38.1 mm)
STRAINER OPENING:	1.38" (34.9 mm)
IMPELLER DIAMETER:	9.45" (240 mm)
DISCHARGE SIZE	6" NPT-MALE (6" HOSE BARB OPTIONAL)
PUMP WEIGHT (without cable):	582 lbs (264.1 kg)
SHIPPING WEIGHT:	687 lbs (311.4 kg)

### CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON WITH INTERIOR HARDNESS COATING TO 1180 DPH(Rc 71)
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	HI-CHROME
STRAINER/STAND	STEEL
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	410 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6310

### ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	20, SUBMERSIBLE , (CONTINUOUS DUTY <sup>3</sup> )	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.15	
VOLTAGE - 60Hz <sup>1</sup>	460V	575V
CURRENT F.L.A.	26	19.8
LOCKED ROTOR CURRENT (LRA)	148	128
POWER CABLE: GAUGE-LENGTH	AWG 8/5, 50' (15m) SOOW	
SENSOR CABLE: (OPTIONAL <sup>2</sup> ) GAUGE-LENGTH	AWG 18/2, 50' (15m) SOOW	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR (OPTIONAL <sup>2</sup> )	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

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

3 - Continuous duty motor - see minimum submersion depth above

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INDUSTRIAL FLOW SOLUTIONS™

# PERFORMANCE CURVE

## BJM Pumps® KZN150LRF

Dwg:

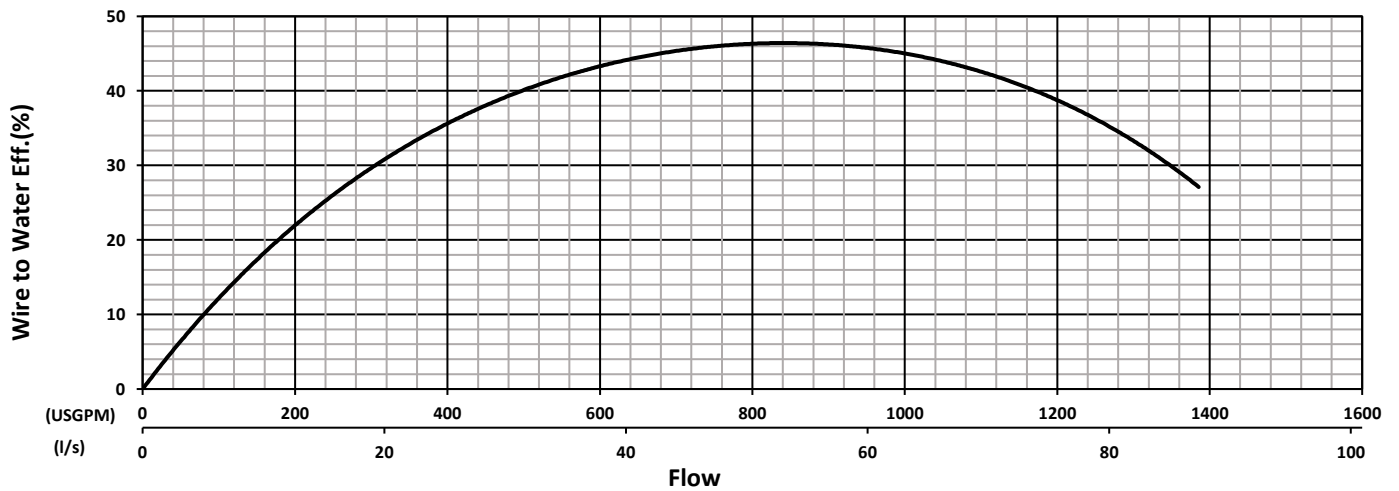
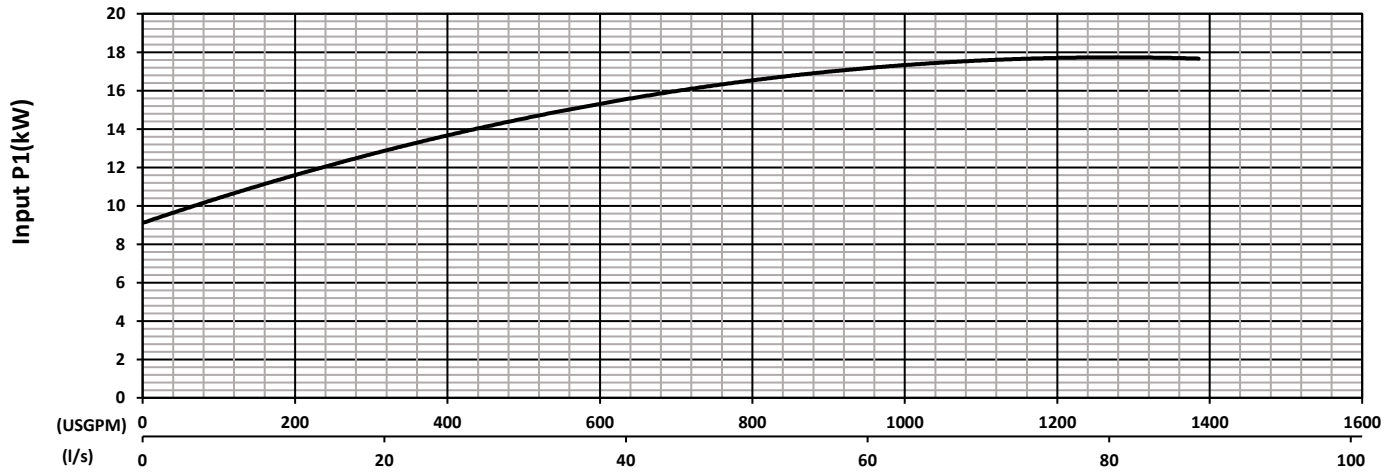
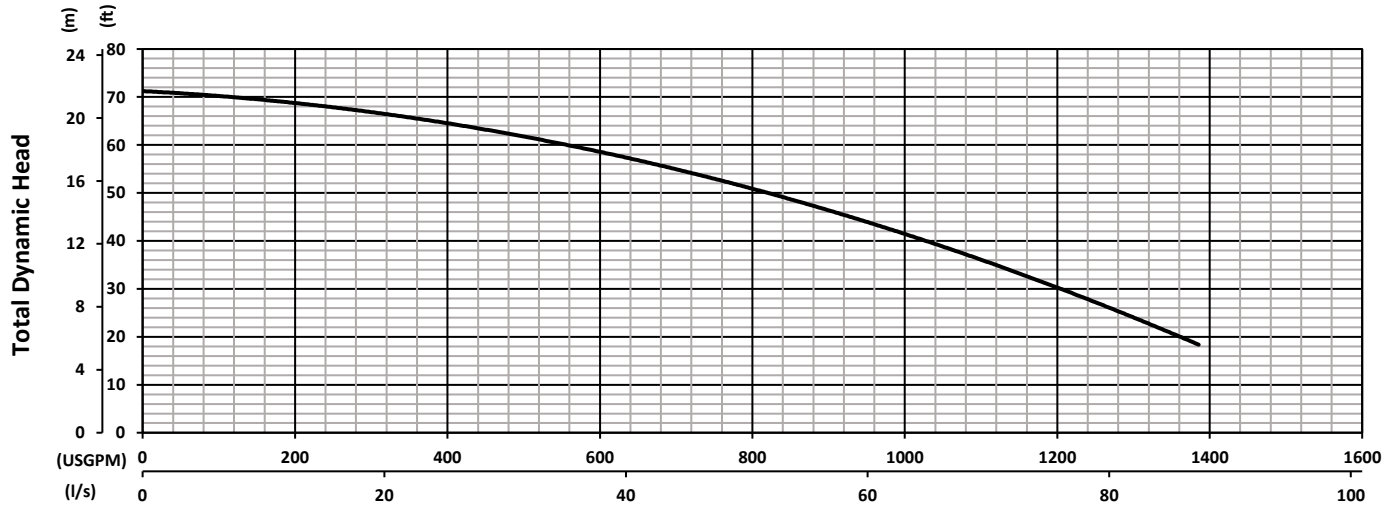
DS-C18-009

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1

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6/12/2025



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

150LRF - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	240mm

Specifications subject to change without notice