



INDUSTRIAL  
FLOW  
SOLUTIONS™

# TECHNICAL DATA

**BJM Pumps® KZN MAXDuty™**

**KZN55MD**

<b>Dwg:</b>	DS-C69-002	<b>Rev:</b>	1	<b>Date:</b>	12/10/2025
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## GENERAL DATA

MAX. FLOW:	568 GPM (2150 L/min)
MAX. HEAD:	61' (18.6m)
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 <sup>3</sup>	32.33" (821 mm)
MINIMUM SUBMERSION DEPTH:	12" (305 mm)
SOLID SIZE:	1" (25.4 mm)
STRAINER OPENING:	1.375" (34.9 mm)
IMPELLER DIAMETER:	9" (228.59 mm)
DISCHARGE SIZE:	4" NPT-MALE (3" NPT-MALE OPTIONAL)
PUMP WEIGHT, with cables:	333 lbs (151 kg)
SHIPPING WEIGHT, Estimated:	386 lbs (175 kg)

## CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE, FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE, PATENTED	HIGH-CHROME
WEAR PLATE	HIGH-CHROME
AGITATOR	HIGH-CHROME
IMPELLER	MULTI VANE, HI-CHROME
STRAINER / STAND	STEEL
LIP SEALS & O-RINGS	BUNA-N
VOLUTE GASKET	AF FIBRE JOINTING SHEET- AF159
ROTOR SHAFT	410SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	49 U.S. FL. OZ (1450 C.C)
UPPER BEARING	6306
LOWER BEARING	6308

## ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 7.5 (CONTINUOUS DUTY <sup>3</sup> )		
MOTOR RPM	1750		
MOTOR INSULATION CLASS	H		
MOTOR SERVICE FACTOR	1.15		
VOLTAGE - 3 PH, 60 Hz	230V	460V	575V
CURRENT F.L.A.	19.5	9.5	7.8
LOCKED ROTOR CURRENT (LRA)	130	65	48
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD		
POWER CORD: GAUGE; LENGTH	A.W.G. 10/5; 50' (15.2m), SOOW		
SEAL MINDER CORD <sup>2</sup> (OPTIONAL): GAUGE; LENGTH	A.W.G. 18/2; 50' (15.2m), SOOW		
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)		
SEAL LEAK DETECTOR <sup>2</sup> (OPTIONAL)	Seal Minder®; MOISTURE SENSING PROBE		

1- Available in other voltages ( And in 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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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL FLOW SOLUTIONS™

# PERFORMANCE CURVE

## BJM Pumps® KZN55MD

Dwg:

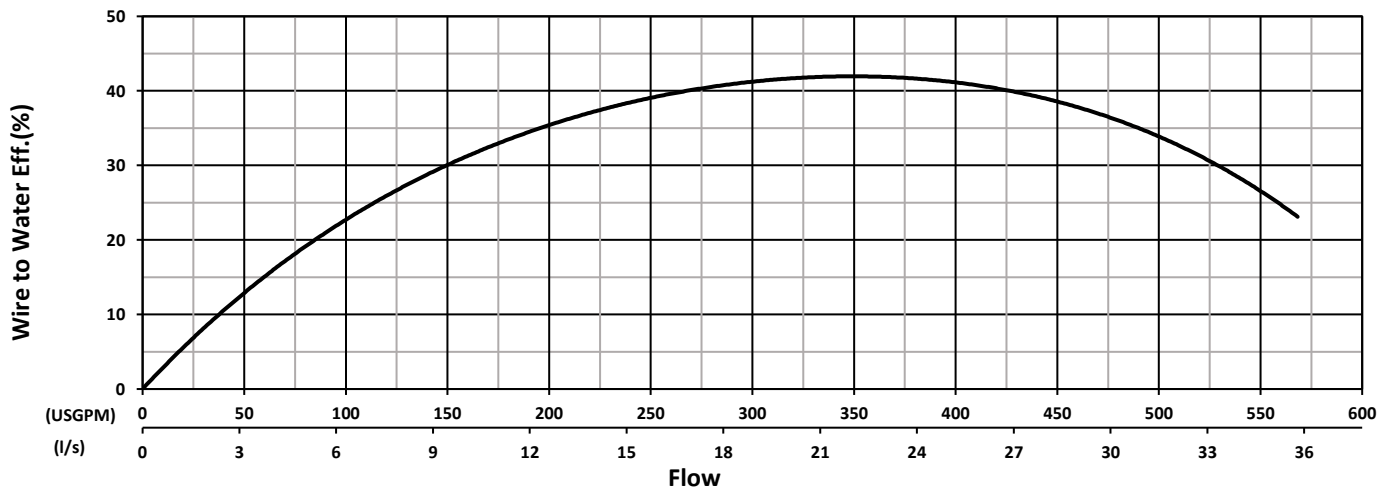
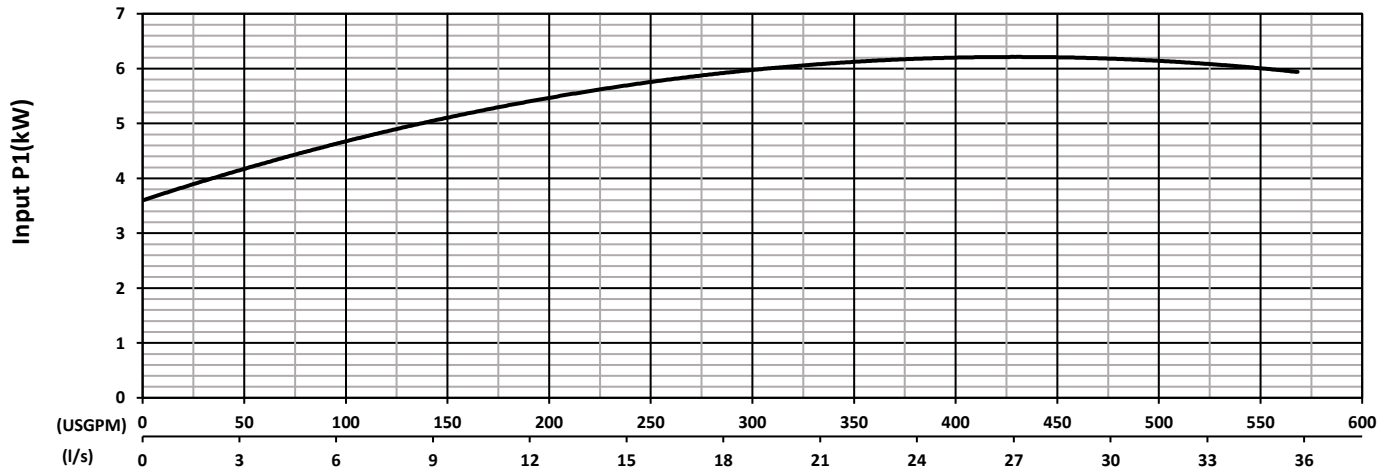
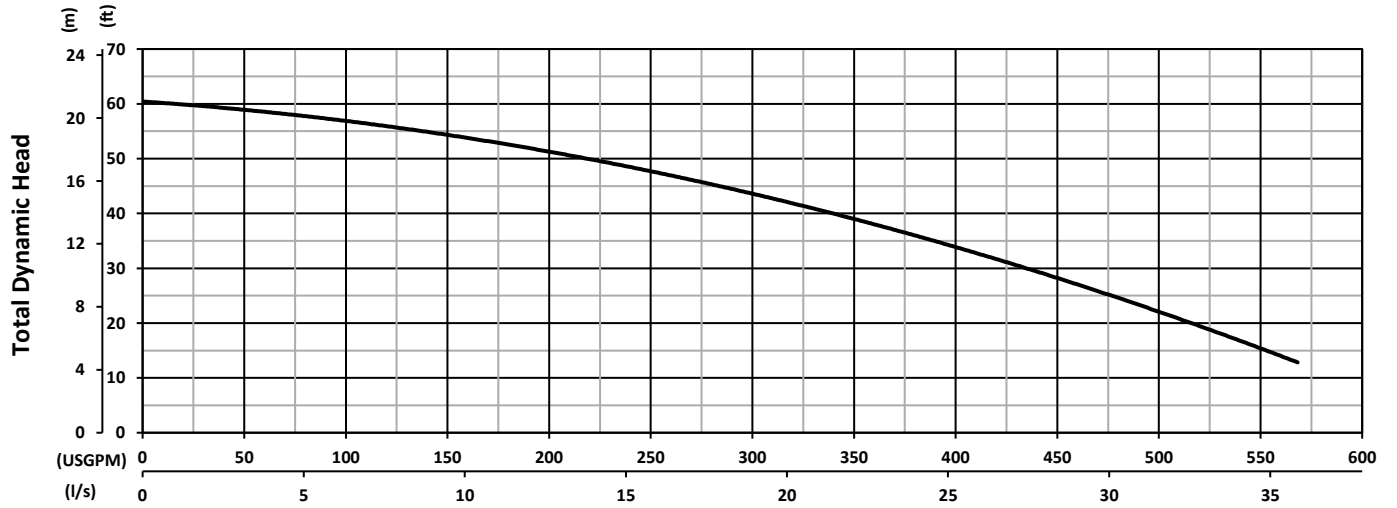
DS-C69-012

Rev:

1

Date:

12/16/2025



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

KZN55MD - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	220mm

Specifications subject to change without notice