



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® KZN MAXDuty™

KZN75MD

Dwg:	DS-C69-004	Rev:	1	Date:	12/10/2025
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GENERAL DATA

MAX. FLOW:	625 GPM (2365 L/min)
MAX. HEAD:	68' (20.7m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	SLURRY HANDLING
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY ³	33" (838 mm)
PUMP DOWN WATER LEVEL:	12" (305 mm)
SOLID SIZE:	1" (25.4 in)
STRAINER OPENING:	1.38" (34.9 in)
IMPELLER DIAMETER:	8.98" (228 mm)
DISCHARGE SIZE:	4" NPT-MALE (3" NPT-MALE OPTIONAL)
PUMP WEIGHT, with cables:	345 lbs (156.4 kg)
SHIPPING WEIGHT, Estimated:	398 lbs (180.5 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	DOUBLE 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, 10 (CONTINUOUS DUTY ³)		
MOTOR RPM	1750		
MOTOR INSULATION CLASS	H		
MOTOR SERVICE FACTOR	1.15		
VOLTAGE - 3 PH, 60 Hz		460V	575V
CURRENT F.L.A.		13	7.8
LOCKED ROTOR CURRENT (LRA)		77	48
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD		
POWER CORD: GAUGE; LENGTH	A.W.G. 10/5; 50' (15.2m), SOOW		
SEAL MINDER CORD ² (OPTIONAL): GAUGE;	A.W.G. 18/2; 50' (15.2m), SOOW		
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)		
SEAL LEAK DETECTOR ² (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® KZN75MD

Dwg:

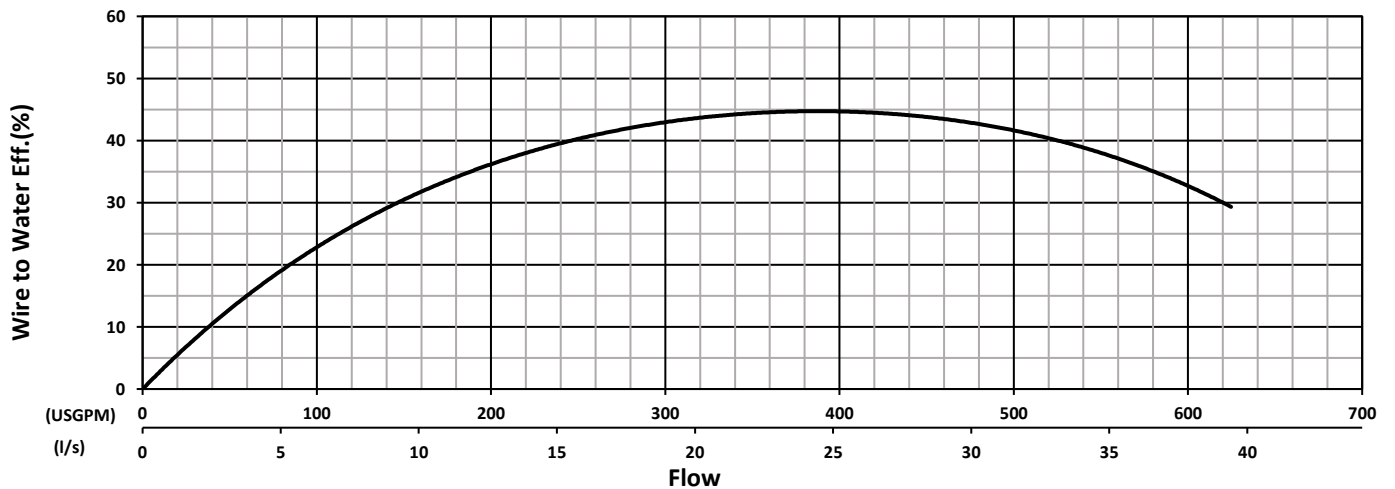
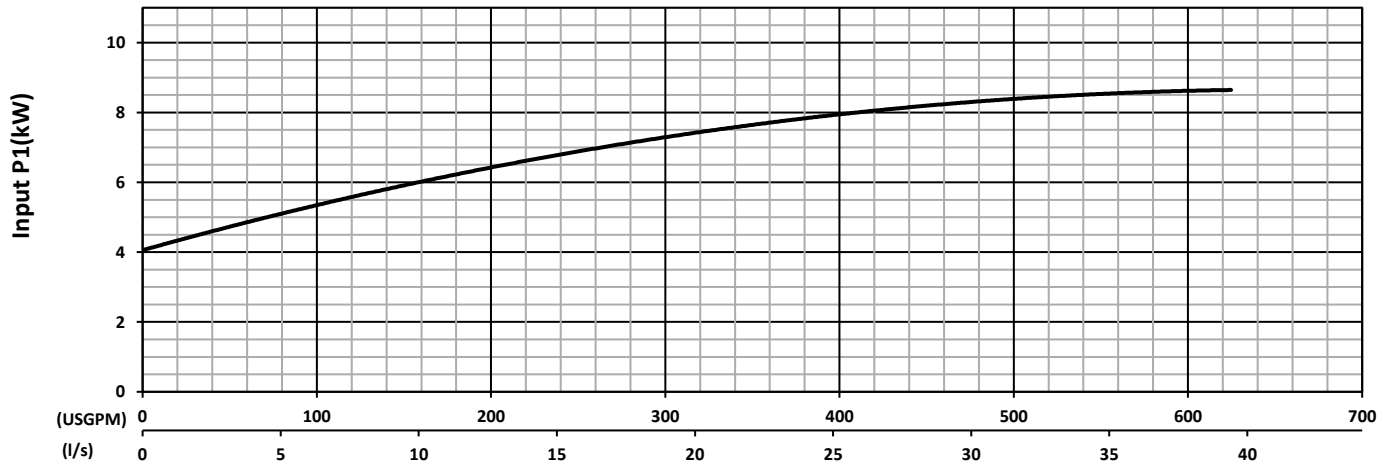
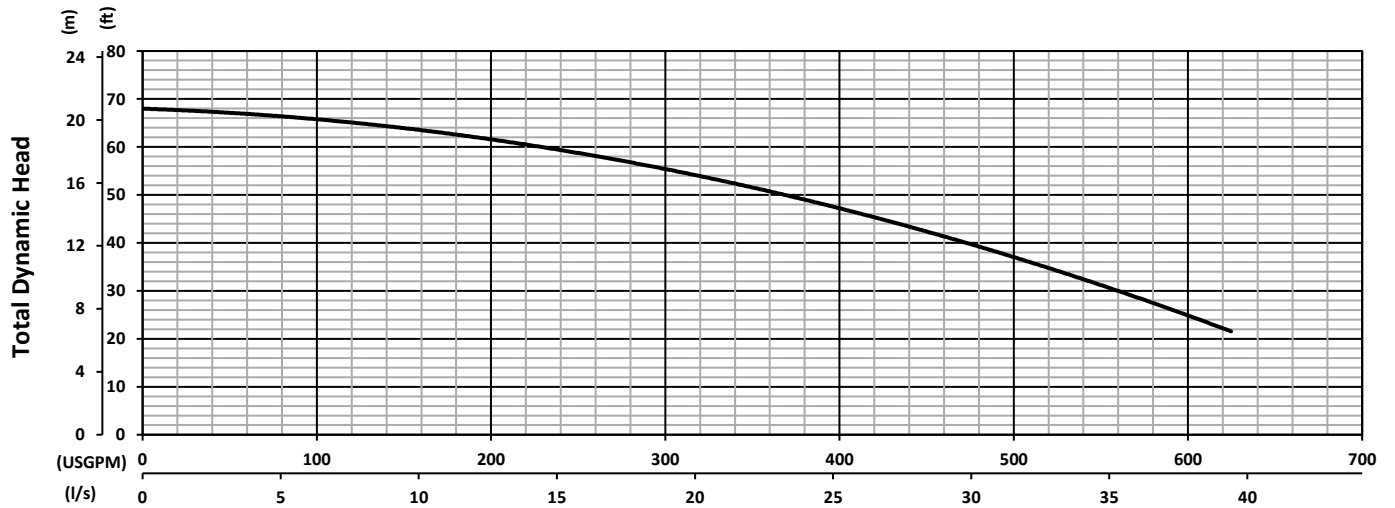
DS-C69-014

Rev:

1

Date:

12/16/2025



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

KZN75MD - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 228mm

Specifications subject to change without notice