



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® KZN MAXDuty™

KZN37MD

Dwg:	DS-C69-001	Rev:	1	Date:	12/10/2025
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GENERAL DATA

MAX. FLOW:	426 GPM (1612 L/min)
MAX. HEAD:	48' (14.6m)
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 ³	32.3" (821 mm)
PUMP DOWN WATER LEVEL:	12" (305 mm)
SOLID SIZE:	0.88" (22.2 mm)
STRAINER OPENING:	1.38" (34.9 mm)
IMPELLER DIAMETER:	7.68" (195 mm)
DISCHARGE SIZE:	3" NPT-MALE (4" NPT-MALE OPTIONAL)
PUMP WEIGHT, without cable:	319.7 lbs (145 kg)
SHIPPING WEIGHT, Estimated:	370.9 lbs (168.2 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, 5 (CONTINUOUS DUTY ³)			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	H			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 3 PH, 60 Hz		230V	460V	575V
CURRENT F.L.A.		17	8.5	6.8
LOCKED ROTOR CURRENT (LRA)		85	43	34
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
POWER CORD: GAUGE; LENGTH	A.W.G. 12/5; 50' (15.2m), SOOW			
SEAL MINDER CORD ² (OPTIONAL): GAUGE; LENGTH	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 voltage (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® KZN37MD

Dwg:

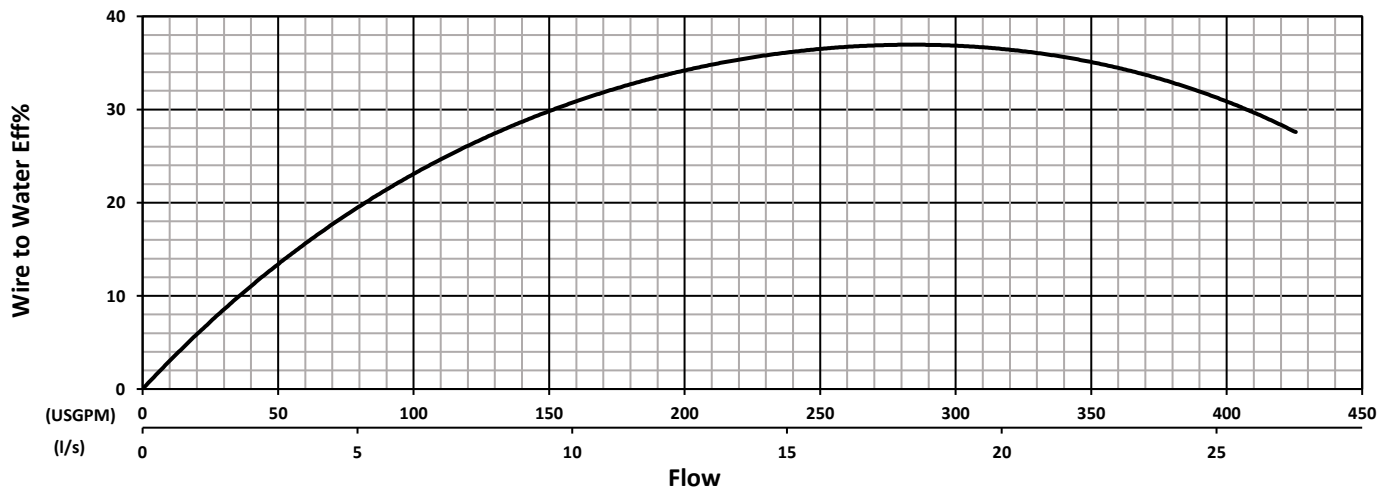
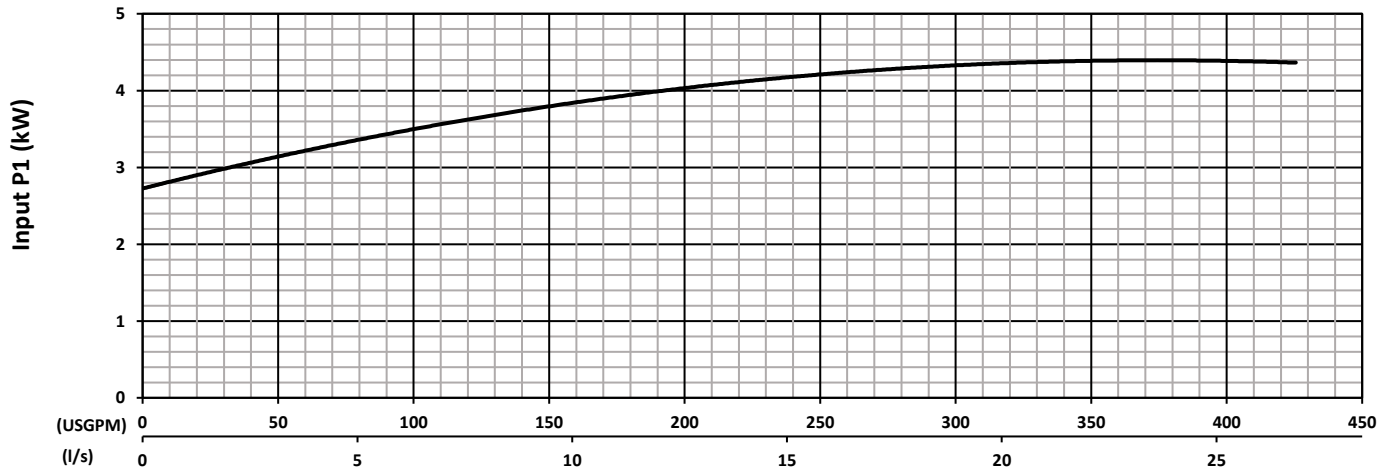
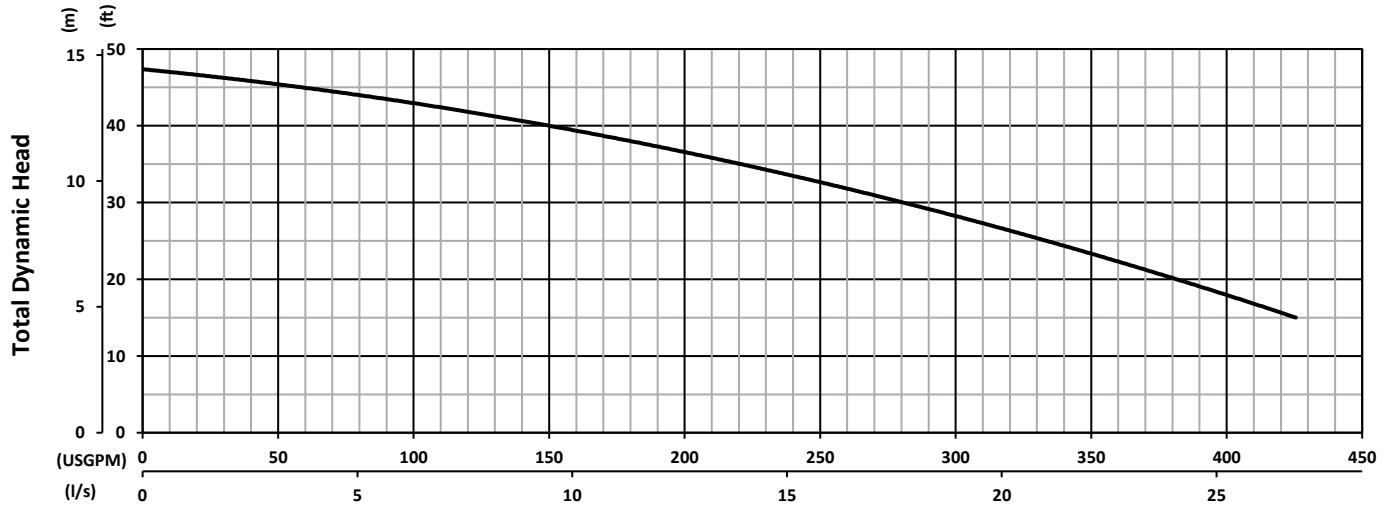
DS-C69-011

Rev:

1

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

KZN37MD - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	195mm

Specifications subject to change without notice