



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® KZN110H

Dwg:

DS-C15-009

Rev:

1

Date:

2/21/2025

GENERAL DATA

MAX. FLOW:	780 GPM (2952.6 L/min)
MAX. HEAD:	87' (26.5m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SLURRY HANDLING
MINIMUM SUBMERSION DEPTH:	43" (1099.82 mm)
SOLID SIZE:	1" (25.4 mm)
IMPELLER DIAMETER:	11.62" (295 mm)
DISCHARGE SIZE	4" NPT-MALE
PUMP WEIGHT, without cable:	577 lbs (261.8 kg)
SHIPPING WEIGHT:	681 lbs (309.1 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE BUNA-N
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	MULTI VANE, HI-CHROME
STRAINER/STAND	STEEL
O-RINGS & LIP SEALS	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: TYPE, RATING HP	SUBMERSIBLE, 15 (CONTINUOUS DUTY ²)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.15	
VOLTAGE ¹ - 60 Hz	460V	575V
CURRENT F.L.A.	17.5	13.7
LOCKED ROTOR CURRENT (LRA)	110	85
POWER CORD: GAGE; LENGTH	AWG 8/5, 50' (15.2m), SOOW	
SENSOR CORD: GAGE; LENGTH (OPTIONAL)	AWG 18/2, 50' (15.2m), SOOW	
MOTOR PROTECTION	THERMAL & AMP OVERLOAD	
SEAL LEAK DETECTOR ³ (OPTIONAL)	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

2 - Continuous duty motor - see minimum submersion depth above

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

©2024 Industrial Flow Solutions Operating, LLC. All rights reserved.

Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA

(860) 631-3618 • www.flowsolutions.com



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps KZN110H

Dwg:

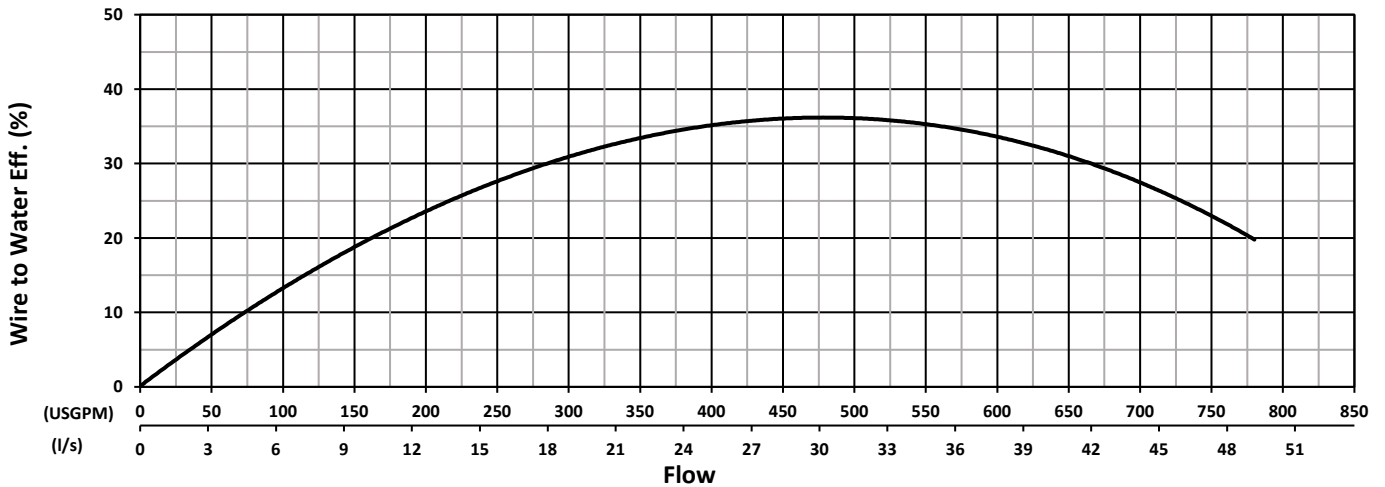
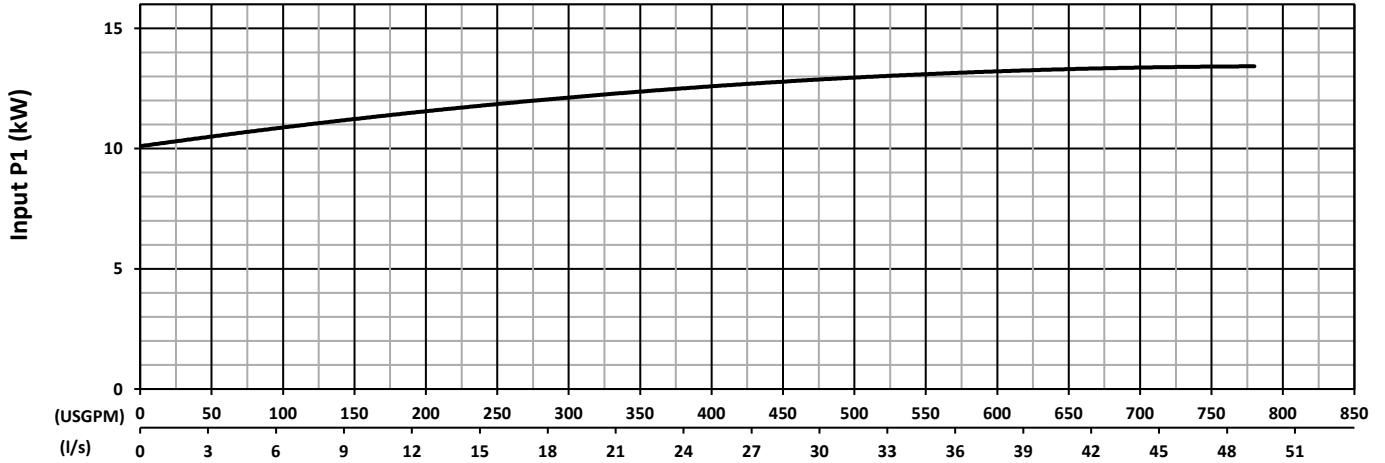
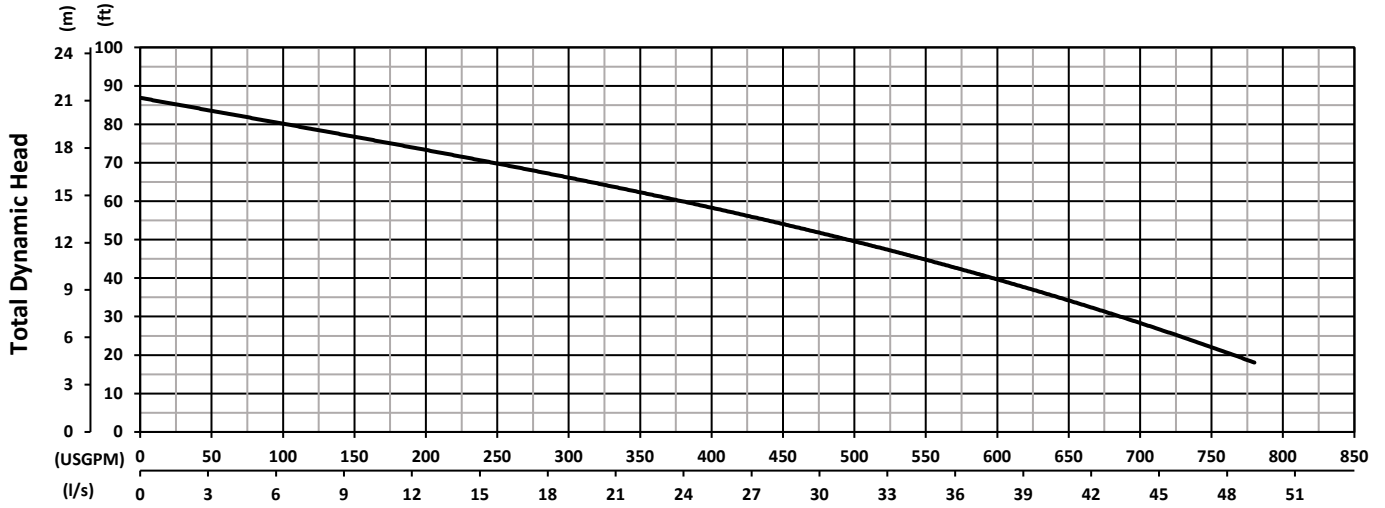
DS-C15-010

Rev:

1

Date:

2/21/2025



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

KZN110H - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	295mm

Specifications subject to change without notice