

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KZN370		
	Dwg:	DS-C15-005	Rev:	1	Date:	8/20/2025

GENERAL DATA

MAX. FLOW:	2179 GPM (8248.4 L/min)
MAX. HEAD:	106' (32.6m)
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 ³	57" (1445 mm)
PUMP DOWN WATER LEVEL:	18" (452 mm)
SOLID SIZE:	1.5" (38.1 mm)
STRAINER OPENING:	1.38" (34.9 mm)
IMPELLER DIAMETER:	12.41" (315 mm)
DISCHARGE SIZE	6" NPT-MALE
PUMP WEIGHT (without cable):	1323 lbs (600 kg)
SHIPPING WEIGHT:	1603 lbs (727 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
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	6309
BALL BEARING: PERM. LUBE. LOWER	6314 X2

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	50, SUBMERSIBLE , (CONTINUOUS DUTY ³)
MOTOR RPM	1750
MOTOR INSULATION CLASS	H
MOTOR SERVICE FACTOR	1.10
VOLTAGE - 60Hz ¹	460V
CURRENT F.L.A.	66
LOCKED ROTOR CURRENT (LRA)	295
POWER CABLE: GAGE-LENGTH	AWG 8/3, 50' (15m) GGC
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 50' (15m) SOOW
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
SEAL LEAK DETECTOR (OPTIONAL ²)	Seal Minder® MOISTURE SENSING PROBE
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

1 - Available for derrated 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® KZN370

Dwg:

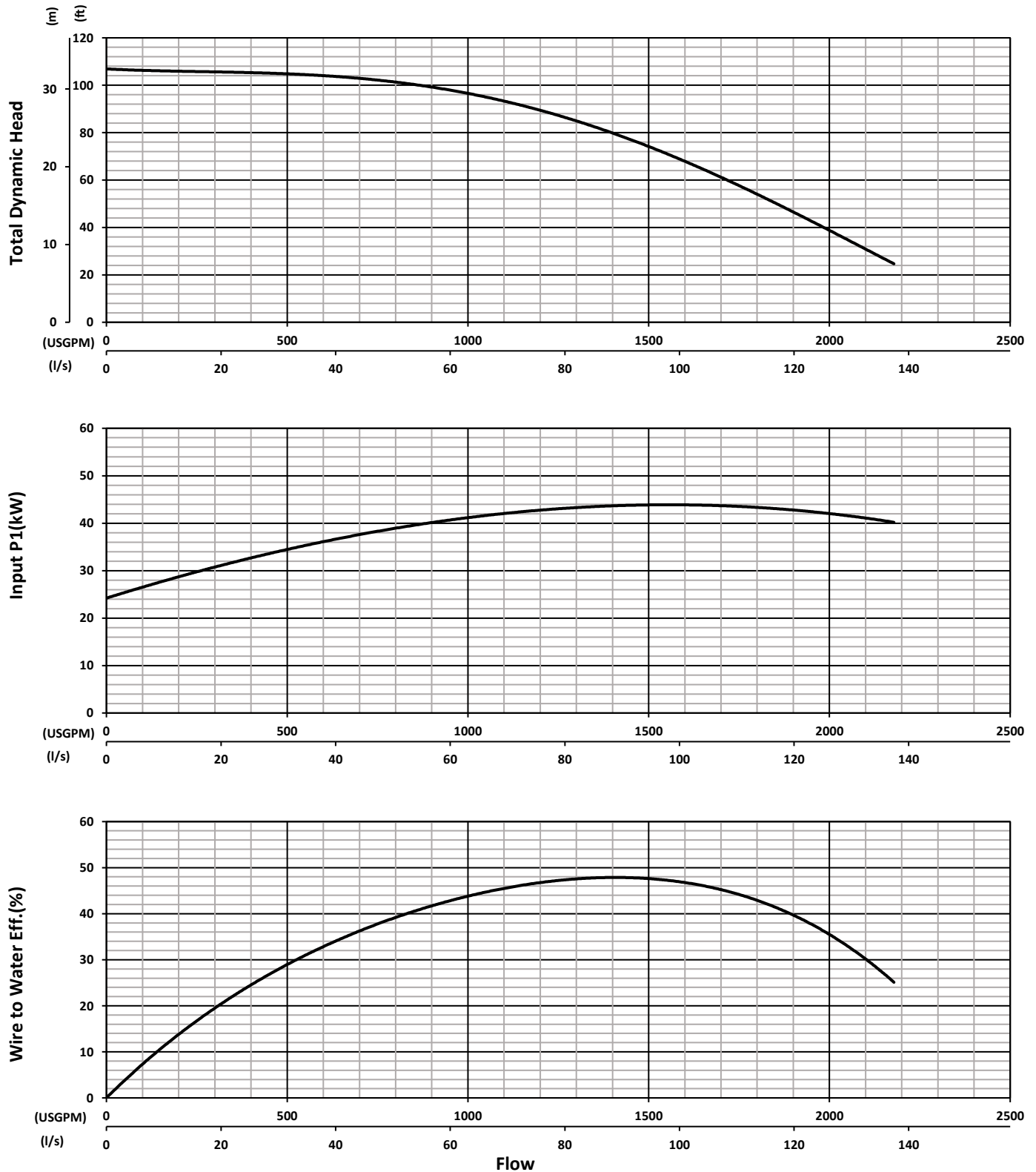
DS-C15-001

Rev:

1

Date:

4/14/2023



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

370 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
1725 RPM
315mm

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