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**TECHNICAL DATA
MODEL KZN370
HEAVY DUTY SLURRY PUMP – CHROME IRON / HARDENED DUCTILE IRON**

GENERAL DATA

MAX. FLOW: GPM (L/min)	2300 GPM (8700 L/min)
MAX. HEAD: ft (m)	107' (32.5 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SLURRY HANDLING
SOLID SIZE: in (mm)	1.5" (38.1 mm)
STRAINER OPENING: in (mm)	1.375" (34.9 mm)
PUMP DOWN WATER LEVEL: in (mm)	18" (452 mm)
IMPELLER DIAMETER: in (mm)	12.40" (315 mm)
DISCHARGE SIZE	6" NPT-MALE (8" Flange OPTIONAL)
DISCHARGE CONNECTION (Optional)	6" or 8" HOSE BARB
PUMP WEIGHT, without cable: lbs (kg)	1320 lbs (600 kg)
SHIPPING WEIGHT: lbs (kg)	1600 lbs (727 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE / SILICON CARBIDE
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	MULTI VANE, HI-CHROME
STRAINER/STAND	STEEL
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	410 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	203 U.S. FL. OZ. (6000 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6309
BALL BEARING: PERM. LUBE. LOWER	6314 x (2)

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 50 (CONTINUOUS DUTY)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 3 PH, 60 Hz	460V	
CURRENT F.L.A.	66	
LOCKED ROTOR CURRENT (LRA)	295	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
POWER CORD ² : GAGE; LENGTH	A.W.G. 8/3; 50' (15.2m), G-GC	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	
SEAL LEAK DETECTOR ³ (OPTIONAL)	Seal Minder®; MOISTURE SENSING PROBE	

1- Available in other voltages (and in 50 Hz).

2- Changed to 5 lead cord on mid-2006.

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

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104 John W Murphy Drive
New Haven, CT. 06513 USA

Tel: (860)399-5937 - Fax: (860)399-7784

REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® KZN370 Derated 50Hz

Dwg:

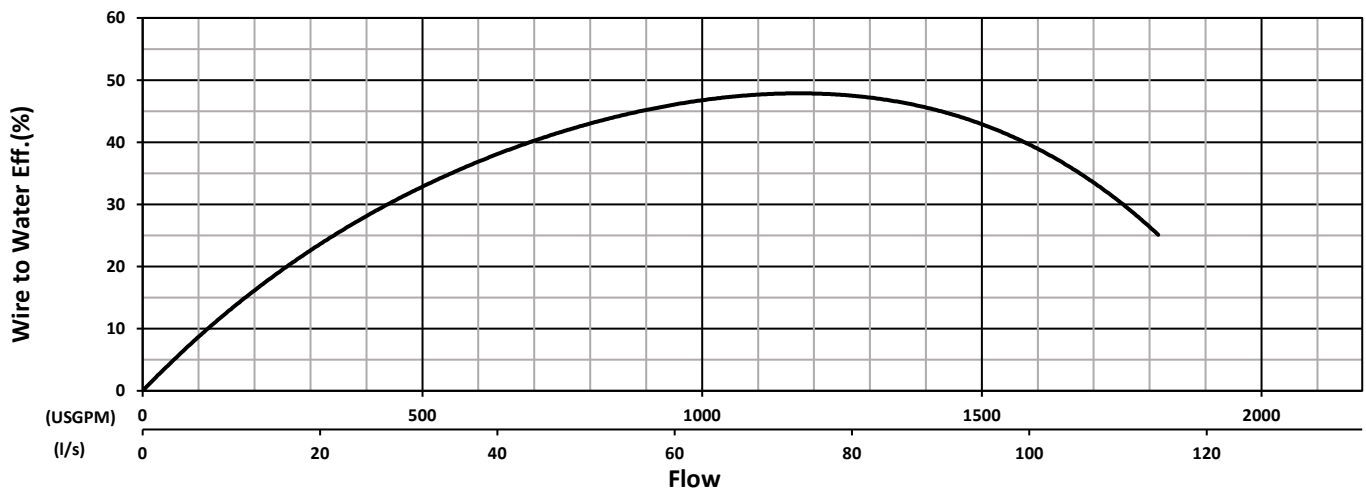
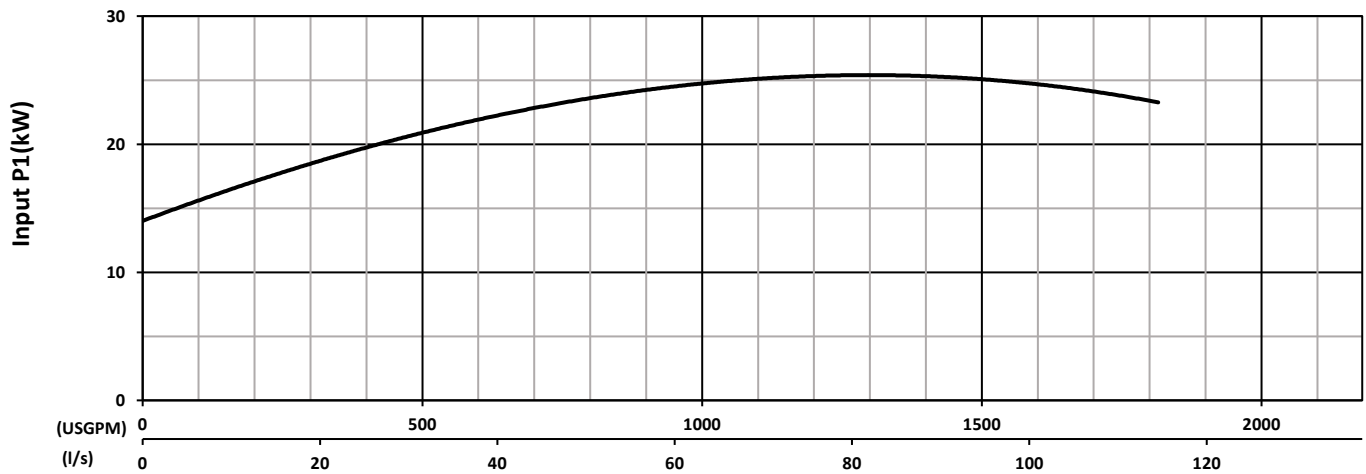
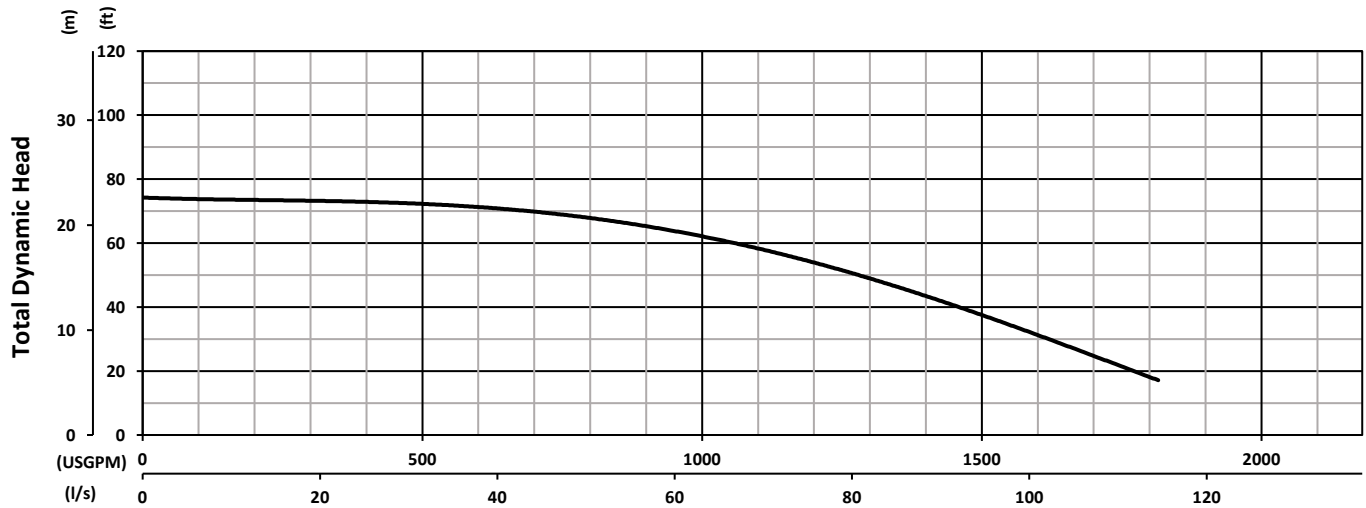
DS-C15-003

Rev:

1

Date:

4/14/2023



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

KZN370 Derated 50Hz - Dual Units

Frequency	60 Hz
Pump Speed	1725 RPM
Impeller	315mm

Specifications subject to change without notice