

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® XP-KZN55		
	Dwg:	DS-C37-005	Rev:	1	Date:	8/20/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D	
MAX. FLOW:	569 GPM (2153.8 L/min)	
MAX. HEAD:	61' (18.5m)	
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	33" (821 mm)	
PUMP DOWN WATER LEVEL:	12" (305 mm)	
SOLID SIZE:	1" (25.4 mm)	
STRAINER OPENING:	1.38" (34.9 mm)	
IMPELLER DIAMETER:	8.67" (220 mm)	
DISCHARGE SIZE	4" NPT-MALE	
PUMP WEIGHT (without cable):	351 lbs (159 kg)	
SHIPPING WEIGHT:	423 lbs (192 kg)	

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON ¹
WEAR PLATE, AGITATOR, & 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	6306
BALL BEARING: PERM. LUBE. LOWER	6308

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	7.5, SUBMERSIBLE , (CONTINUOUS DUTY ³)		
MOTOR RPM	1750		
MOTOR INSULATION CLASS	H		
MOTOR SERVICE FACTOR	1.15		
VOLTAGE - 60Hz	230V	460V	575V
CURRENT F.L.A.	19.5	9.5	7.8
LOCKED ROTOR CURRENT (LRA)	130	65	48
POWER CABLE: GAUGE-LENGTH	AWG 10/5, 50' (15m) SOOW		
SENSOR CABLE ² : GAUGE-LENGTH	AWG 16/4, 50' (15m) SOOW		
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 302°F (150°C)		
SEAL LEAK DETECTOR ²	Seal Minder® MOISTURE SENSING PROBE		
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)		

1 - Optional WC/Cr/Co abrasion resistant internal coating(type 'R') available.

2 - Requires a seal fail and thermal sensor circuit in control panel for warranty validity

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® XP-KZN55

Dwg:

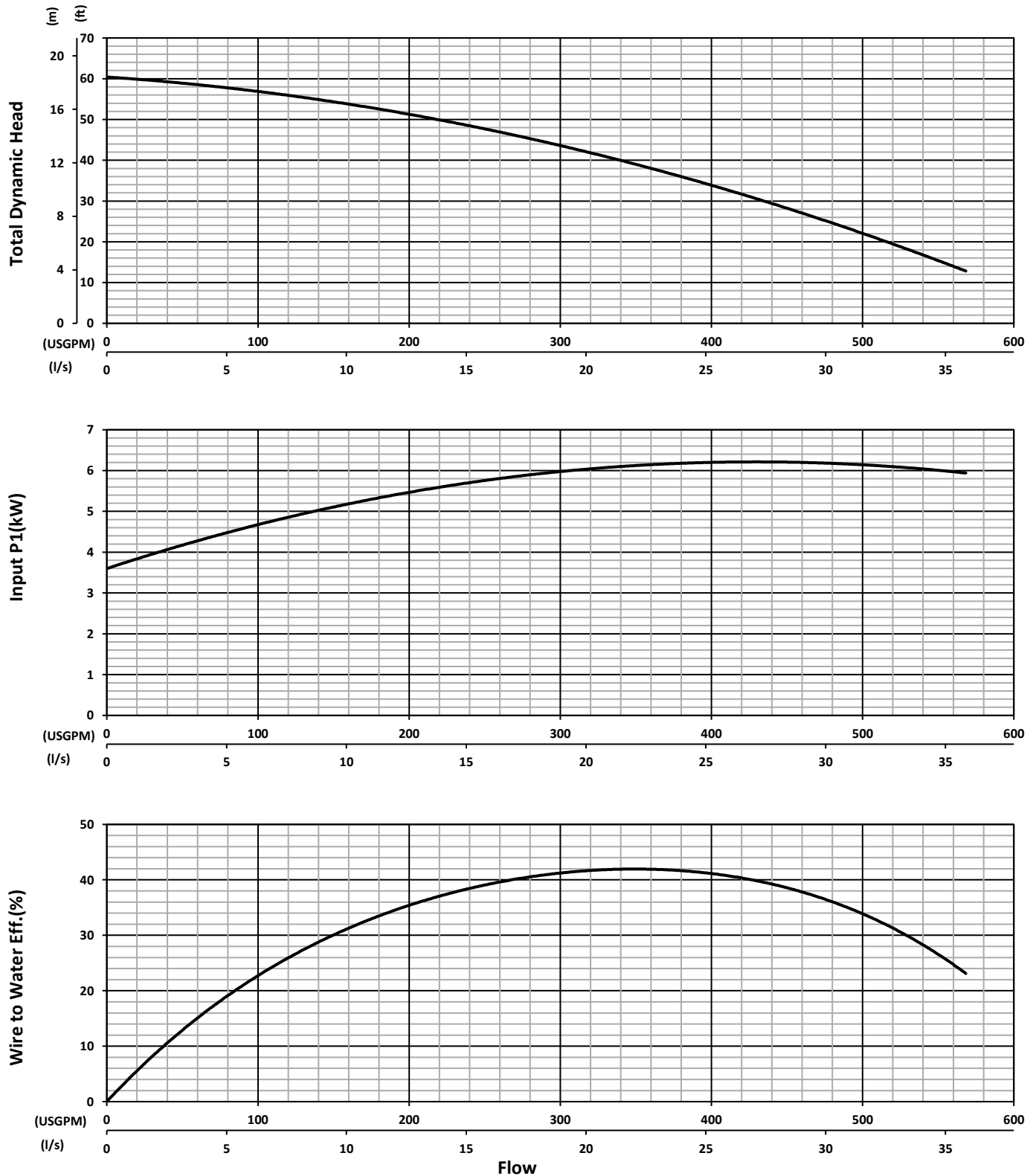
DS-C37-002

Rev:

1

Date:

6/12/2025



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

55 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
1750 RPM
195mm

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