INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® XP-KZN37	
	Dwg:	DS-C37-004	**Rev:**	1	**Date:** 8/20/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D
MAX. FLOW:	426 GPM (1612.5 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 TOP DISCHARGE
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY[3]	33" (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
PUMP WEIGHT (without cable):	337 lbs (153 kg)
SHIPPING WEIGHT:	408 lbs (185 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	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.	17	8.5	6.8
LOCKED ROTOR CURRENT (LRA)	85	43	34
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 circuit in control panel for warranty validity
3 - Continuous duty motor - see minimum submersion depth above

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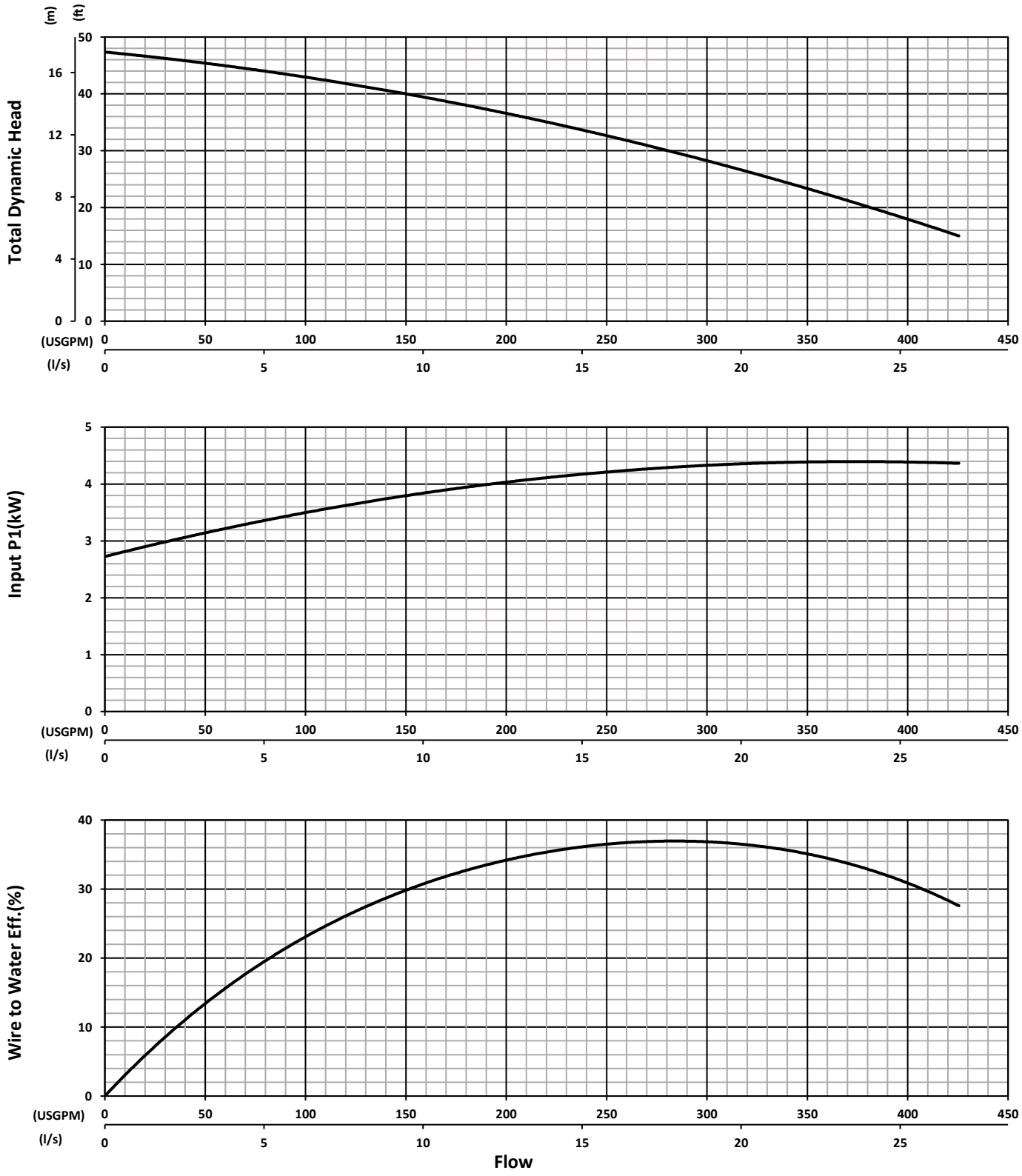
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE		BJM Pumps® XP-KZN37		
	Dwg:	DS-C37-001	**Rev:**	1	**Date:** 6/12/2025



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

37 - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	195mm

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