INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KZN75RF	
	Dwg:	DS-C18-014	Rev:	1	Date: 8/27/2025

GENERAL DATA

MAX. FLOW:	625 GPM (2365.8 L/min)
MAX. HEAD:	68' (20.7m)
MAX. SUBMERSION DEPTH:	65’ (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	HIGH TEMPERATURE SLURRY HANDLING,TOP DISCHARGE
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY[1]	33" (838 mm)
PUMP DOWN WATER LEVEL:	12" (305 mm)
SOLID SIZE:	1" (25.4 mm)
STRAINER OPENING:	1.38" (34.9 mm)
IMPELLER DIAMETER:	8.98" (228 mm)
DISCHARGE SIZE	4" NPT-MALE (3" NPT-MALE OPTIONAL)
PUMP WEIGHT (without cable):	350 lbs (158.6 kg)
SHIPPING WEIGHT:	403 lbs (182.7 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON WITH INTERIOR HARDNESS COATING TO 1180 DPH(Rc 71)
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	HI-CHROME
STRAINER/STAND	STEEL
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	410 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: OIL LUBRICATED UPPER	6306
BALL BEARING: OIL LUBRICATED LOWER	6308

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	10, SUBMERSIBLE OIL FILLED, (CONT. DUTY[1])	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.15	
VOLTAGE - 60Hz	460V	575V
CURRENT F.L.A.	13	10.5
LOCKED ROTOR CURRENT (LRA)	77	55
POWER CABLE: GAUGE-LENGTH	AWG 10/4, 50' (15m) HIGH TEMP RATED CABLE	
SENSOR CABLE:[2] GAUGE-LENGTH	AWG 18/4, 50' (15m) HIGH TEMP RATED CABLE	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
SEAL LEAK DETECTOR[2]	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	

1 - Continuous duty motor - see minimum submersion depth above

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

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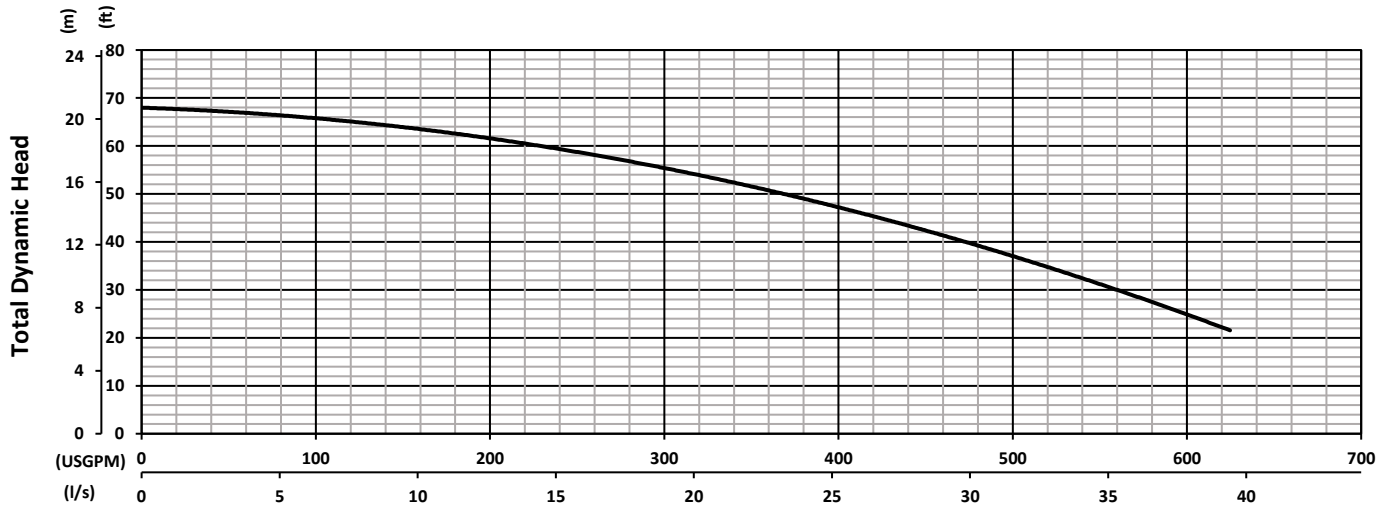
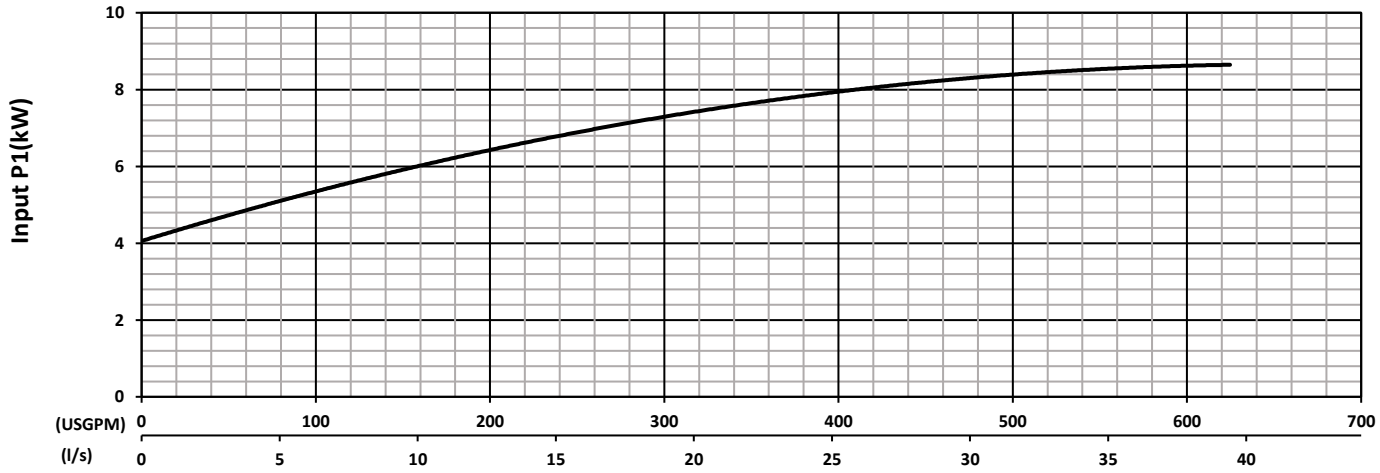
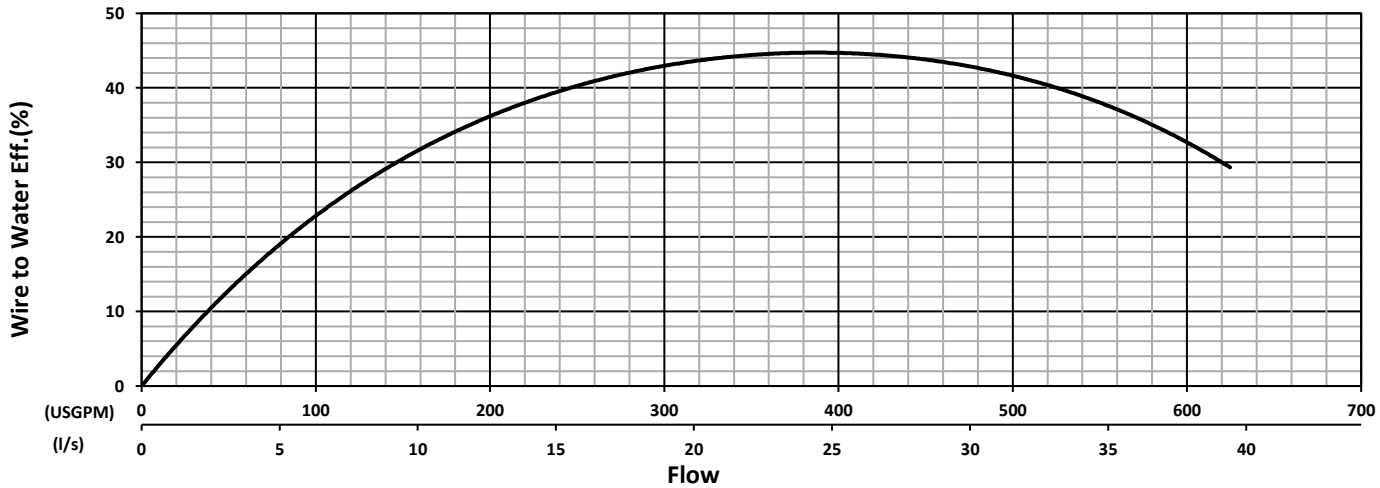
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE		BJM Pumps® KZN75RF		
	Dwg:	DS-C18-003	**Rev:**	1	**Date:** 6/12/2025







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

75RF - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	228mm

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