INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA		BJM Pumps® S75CF		
	Dwg:	DS-C24-002	**Rev:**	2	**Date:** 8/13/2025

GENERAL DATA

MAX. FLOW:	551 GPM (2085.7 L/min)
MAX. HEAD:	100' (30.4m)
MAX. SUBMERSION DEPTH:	65’ (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	OPEN VANE NON CLOG HIGH TEMPERATURE
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY[3]	30.24" (768 mm)
SOLID SIZE:	2.5" (64 mm)
IMPELLER DIAMETER:	6.19" (157 mm)
DISCHARGE SIZE	4" NPT-FEMALE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT (without cable):	213 lbs (96.4 kg)
SHIPPING WEIGHT:	266 lbs (120.5 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	CAST IRON
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: OIL LUBRICATED UPPER	6305
BALL BEARING: OIL LUBRICATED LOWER	6307 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	10, SUBMERSIBLE OIL FILLED, (CONT. DUTY[3])	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 60Hz[1]	460V	575V
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	108	65
POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) HIGH TEMP RATED CABLE	
SENSOR CABLE:[2] GAGE-LENGTH	AWG 18/4, 33' (10m) 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 - Available in other voltages for 50Hz
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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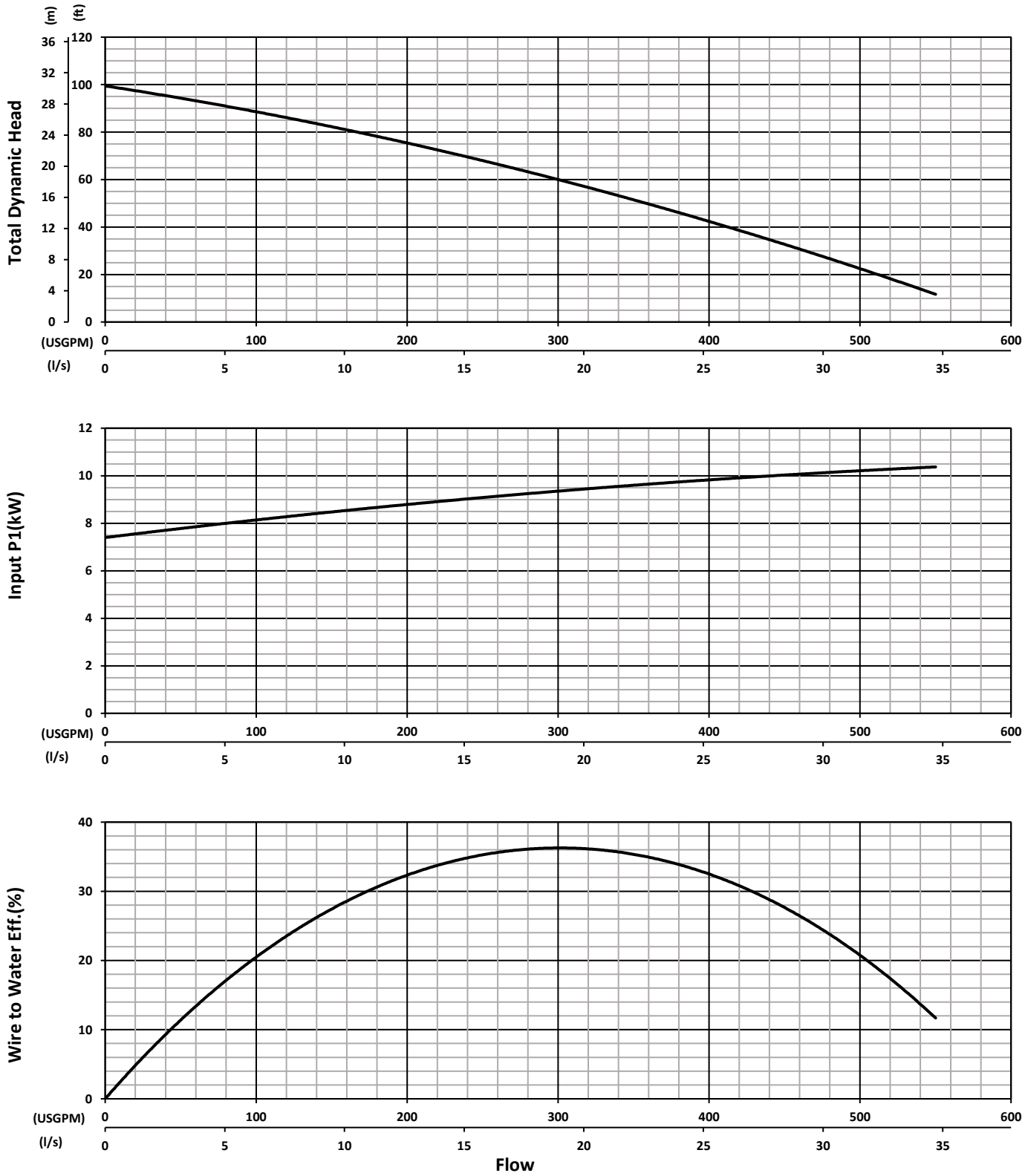
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE		BJM Pumps® S75CF		
	Dwg:	DS-C24-001	Rev:	2	Date: 6/25/2025



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

75CF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	157mm

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