



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® S75F

Dwg:

DS-C24-002

Rev:

1

Date:

8/30/2024

GENERAL DATA

MAX. FLOW	528 GPM (1998.7 L/min)
MAX. HEAD	98' (29.9m)
MAX. SUBMERSION DEPTH	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	OPEN VANE NON-CLOG
MINIMUM SUBMERSION DEPTH	31" (768 mm)
SOLID SIZE	2.6" (64 mm)
IMPELLER DIAMETER	6.19" (157 mm)
DISCHARGE SIZE	4" NPT-FEMALE
PUMP WEIGHT, without cable	212.5 lbs (96.4 kg)
SHIPPING WEIGHT	265.7 lbs (120.5 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	CAST IRON
O-RINGS & LIPSEAL	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6305
BALL BEARING: PERM. LUBE. LOWER	6307 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSION, OIL-FILLED 1Ø (CONTINUOUS DUTY) ¹	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 60 Hz	460V	575V
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	108	65
POWER CORD: GAGE; LENGTH	AWG 10/4, 33' (10m), HIGH TEMP RATED CORD	
SENSOR CORD: GAGE; LENGTH	AWG 18/4, 33' (10m), HIGH TEMP RATED CORD	
MOTOR PROTECTION	THERMAL & AMP OVERLOAD	
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 circuit in control panel for warranty

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PERFORMANCE CURVE

BJM Pumps® S75F

Dwg:

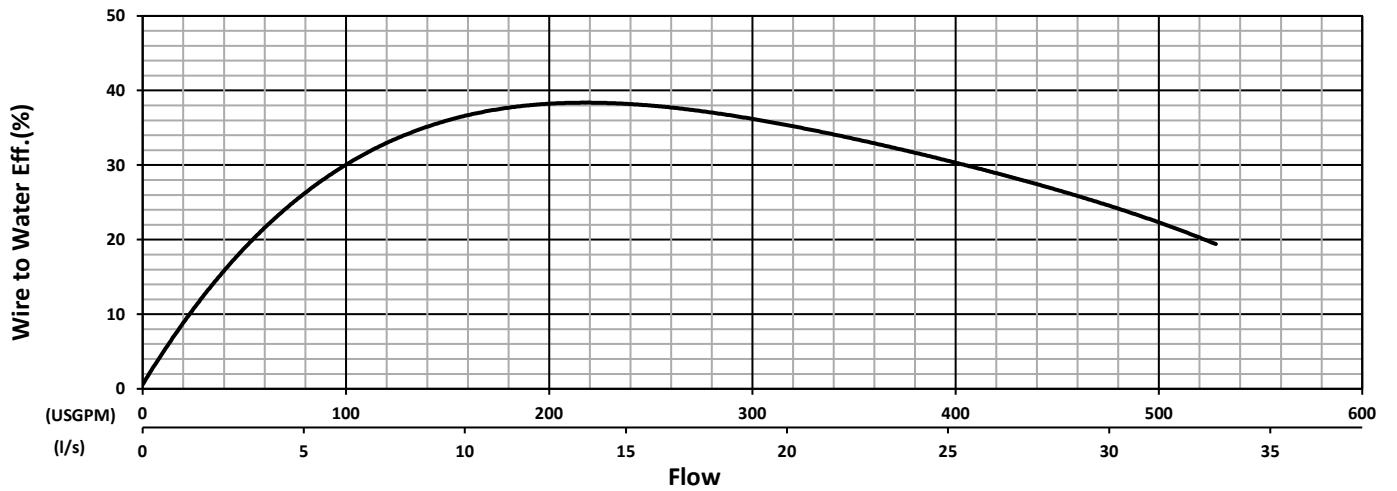
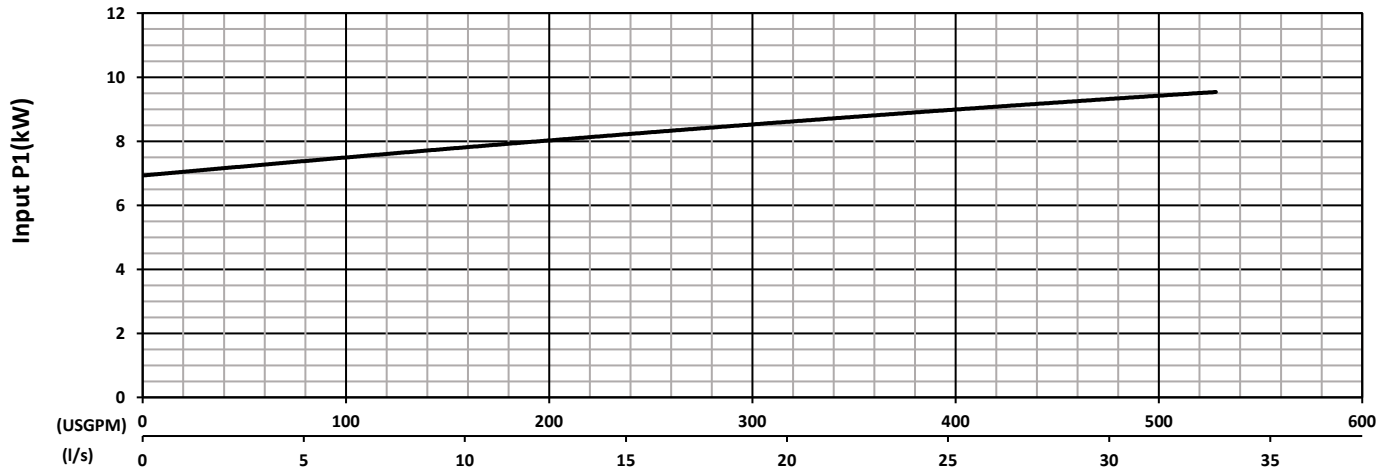
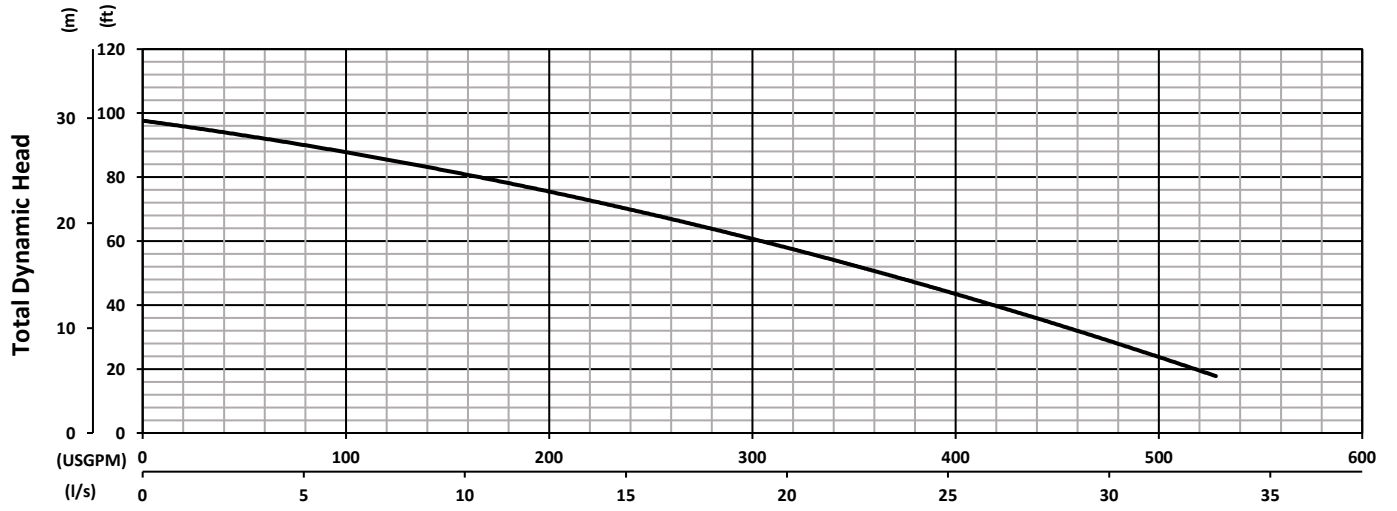
DS-C24-001

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

75F - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	157mm

Specifications subject to change without notice