



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® S75**

**Dwg:**

DS-C23-002

**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	BUNA
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	SUBMERSIBLE, 10 (CONTINUOUS DUTY <sup>2</sup> )	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE <sup>1</sup> - 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), SOOW	
MOTOR PROTECTION	THERMAL & AMP OVERLOAD	
SEAL LEAK DETECTOR <sup>3</sup>	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

2 - Continuous duty motor - see minimum submersion depth above

3 - Requires a seal fail circuit in control panel for warning signal

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# PERFORMANCE CURVE

## BJM Pumps® S75

Dwg:

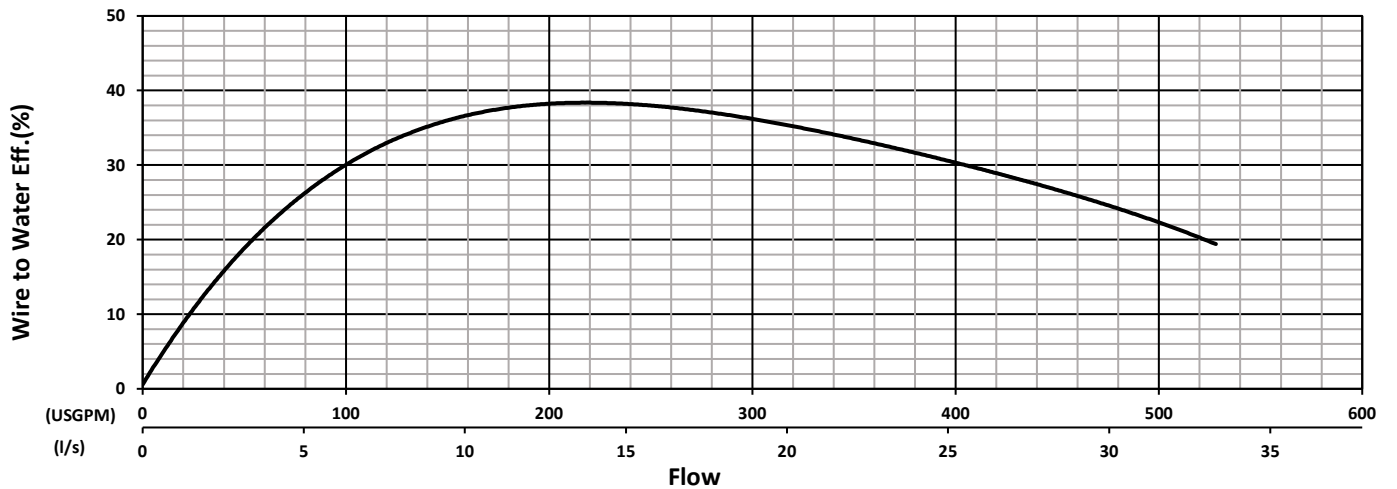
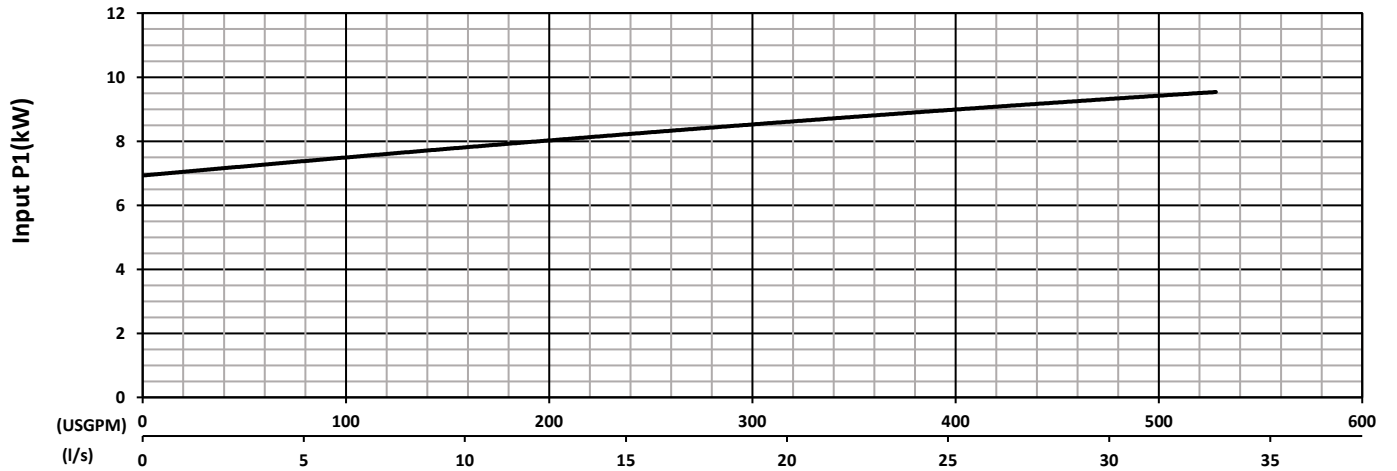
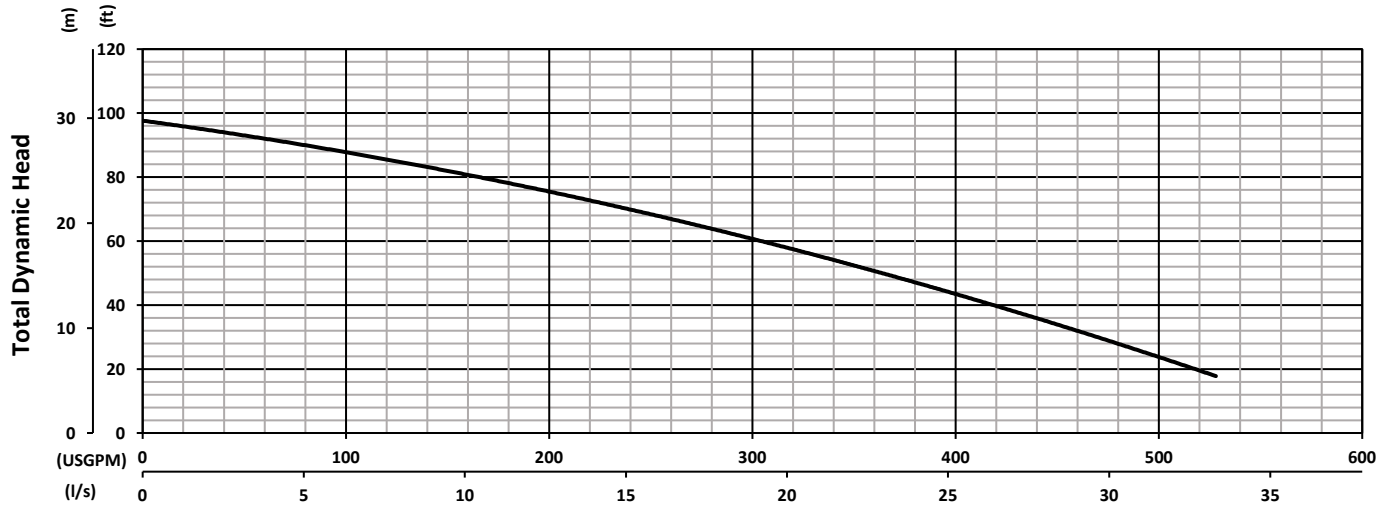
DS-C23-001

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1

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

75 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	157mm

Specifications subject to change without notice