



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® S75C

Dwg:	DS-C23-002	Rev:	2	Date:	8/13/2025
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GENERAL DATA

MAX. FLOW:	546 GPM (2066.8 L/min)
MAX. HEAD:	99' (30.1m)
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: 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	BUNA-N
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: HP, TYPE, RATING	10, SUBMERSIBLE , (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	H	
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) SOOW	
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 33' (10m) SOOW	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR (OPTIONAL ²)	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

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

3 - Continuous duty motor - see minimum submersion depth above

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INDUSTRIAL
FLOW
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PERFORMANCE CURVE

BJM Pumps® S75C

Dwg:

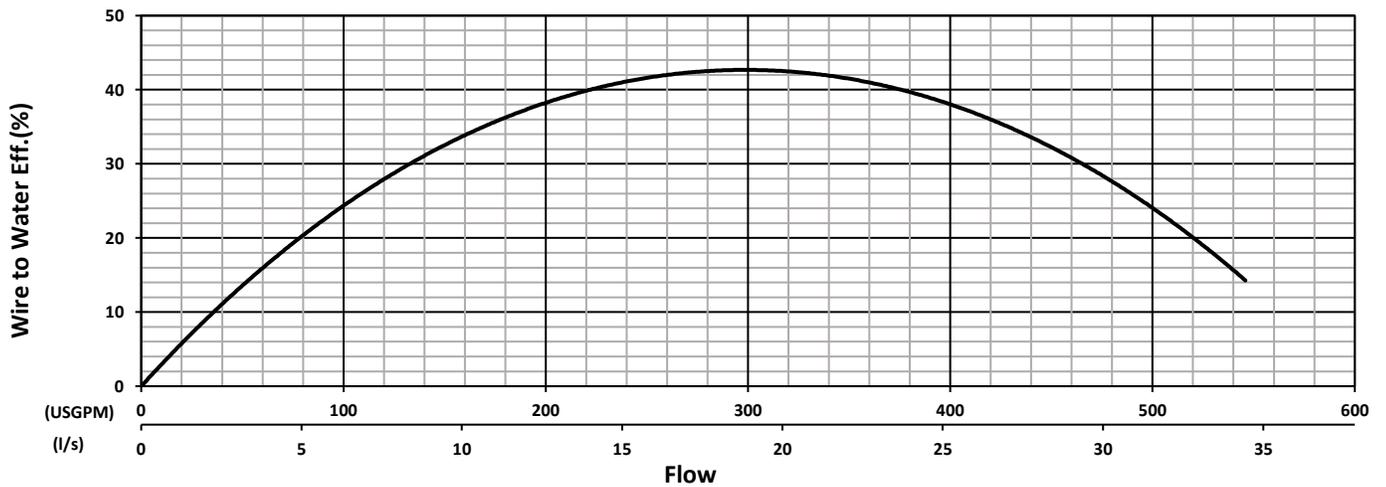
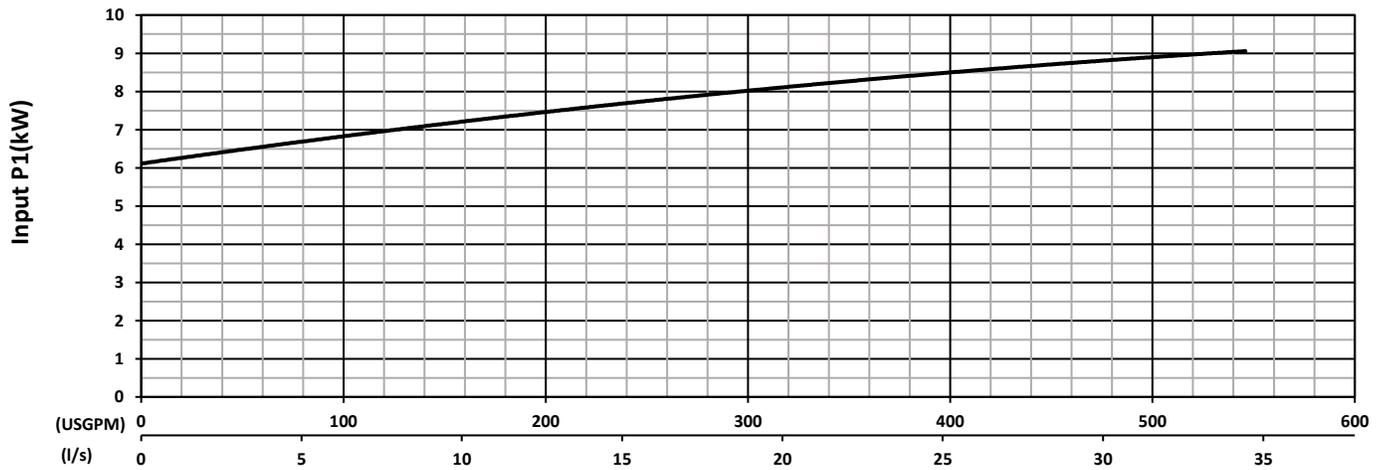
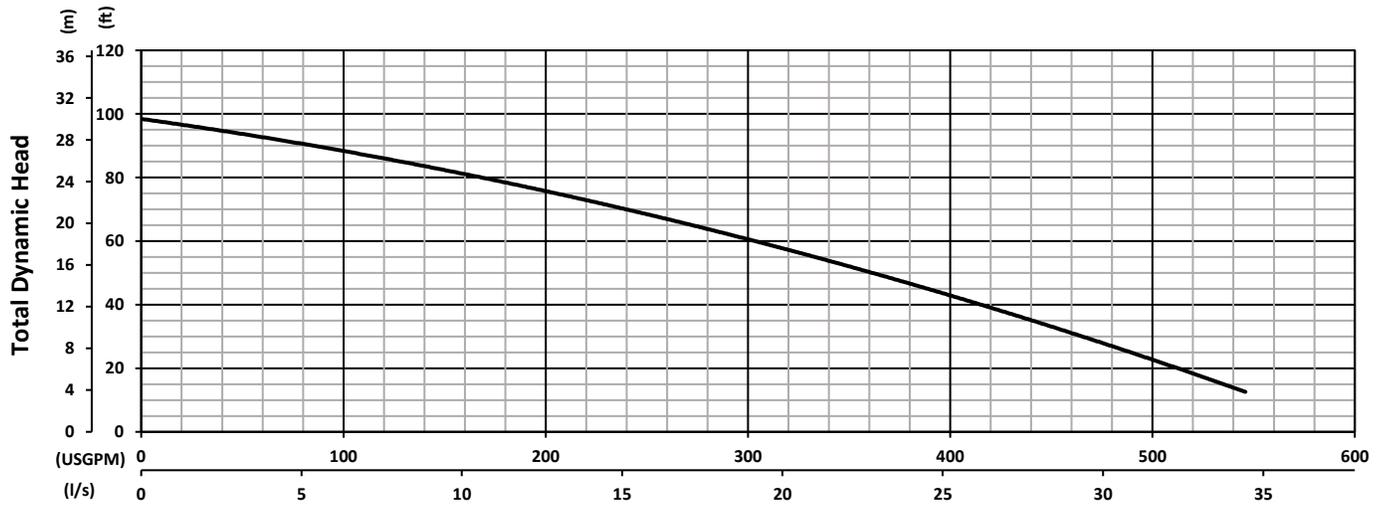
DS-C23-001

Rev:

2

Date:

6/25/2025



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

75C - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 157mm

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