

INDUSTRIAL  
FLOW  
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® V2-56****Dwg:**

DS-C61-013

**Rev:**

2

**Date:**

9/9/2024

**GENERAL DATA**

MAX. FLOW:	391 GPM (1480.1 L/min)
MAX. HEAD:	71' (21.6m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON-CLOG VORTEX
MINIMUM SUBMERSION DEPTH:	25" (610 mm)
SOLID SIZE:	2.8" (70 mm)
IMPELLER DIAMETER:	5.67" (144 mm)
DISCHARGE SIZE	DN80 PN16
PUMP WEIGHT, without cable:	154.3 lbs (70 kg)
SHIPPING WEIGHT:	190.7 lbs (86.5 kg)

**CONSTRUCTION / MATERIAL DATA**

UPPER MECHANICAL SEAL	CARBON/CERAMIC FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR CASING	CAST IRON, EN 1561
PUMP VOLUTE	CAST IRON, EN 1561
IMPELLER	CAST IRON, EN 1561
O-RINGS	BUNA
ROTOR SHAFT	STAINLESS STEEL AISI 420
EXTERNAL HARDWARE	STAINLESS STEEL A2-70
BALL BEARING: PERM. LUBE. UPPER	6206-ZZCMDNS7S6
BALL BEARING: PERM. LUBE. LOWER	3306B-2ZRTNG

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 7.5 (CONTINUOUS DUTY <sup>2</sup> )
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE <sup>1</sup> - 60 Hz	460V
CURRENT F.L.A.	11
LOCKED ROTOR CURRENT (LRA)	82.3
POWER CORD: GAGE; LENGTH	AWG 12/4 + 16/3, 33' (10m), SOOW
MOTOR PROTECTION	THERMAL 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® V2-56

Dwg:

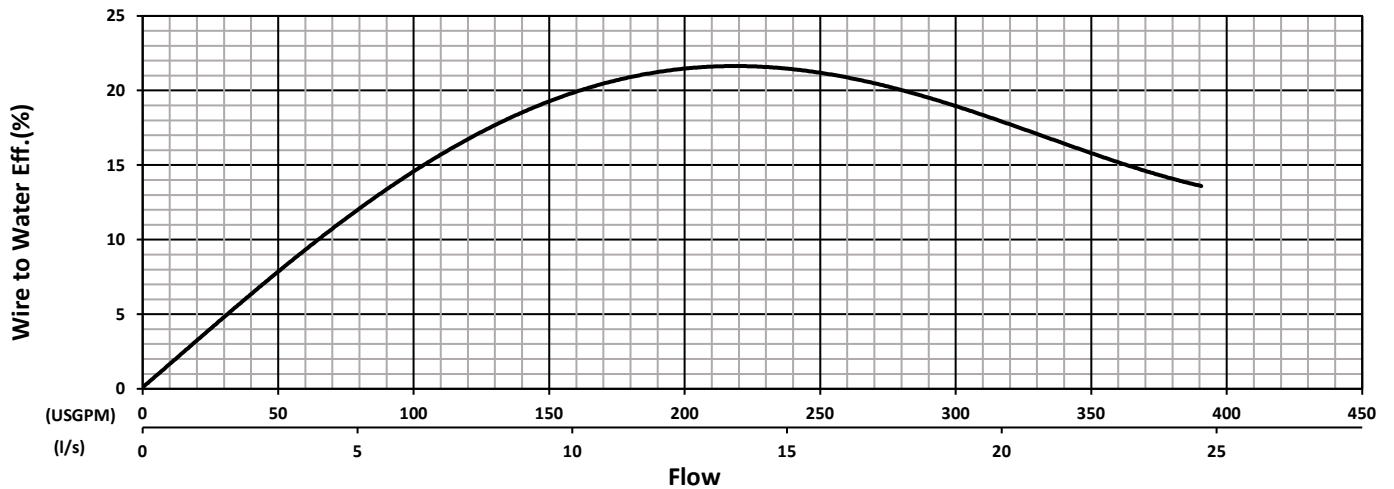
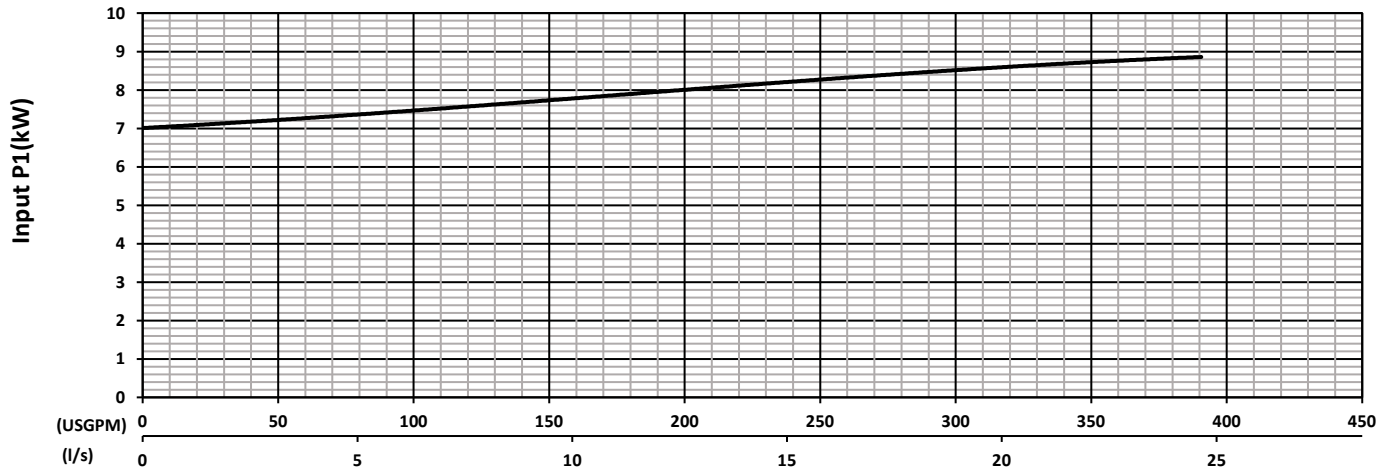
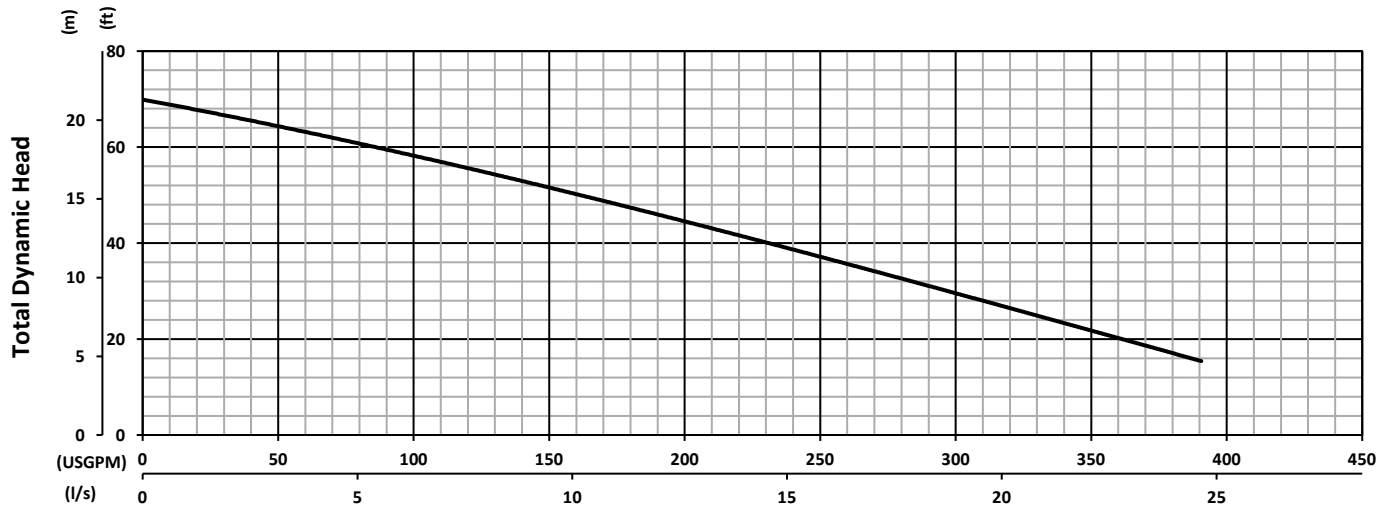
DS-C61-009

Rev:

1

Date:

2/6/2024



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

56 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	144mm

Specifications subject to change without notice