



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® V4-15

Dwg:

DS-C62-010

Rev:

2

Date:

9/9/2024

GENERAL DATA

MAX. FLOW:	276 GPM (1044.8 L/min)
MAX. HEAD:	30' (9.1m)
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:	18" (453 mm)
SOLID SIZE:	3" (75 mm)
IMPELLER DIAMETER:	5.75" (146 mm)
DISCHARGE SIZE	DN80 PN16
PUMP WEIGHT, without cable:	108 lbs (49 kg)
SHIPPING WEIGHT:	112.1 lbs (50.86 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	6204-ZZCMDNS7S6
BALL BEARING: PERM. LUBE. LOWER	3204B-2ZRTNG

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 2 (CONTINUOUS DUTY ²)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 60 Hz	230V	460V
CURRENT F.L.A.	6.8	3.4
LOCKED ROTOR CURRENT (LRA)	39.5	19.8
POWER CORD: GAGE; LENGTH	AWG 16/7, 33' (10m), SOOW	
MOTOR PROTECTION	THERMAL OVERLOAD	
SEAL LEAK DETECTOR ³	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® V4-15

Dwg:

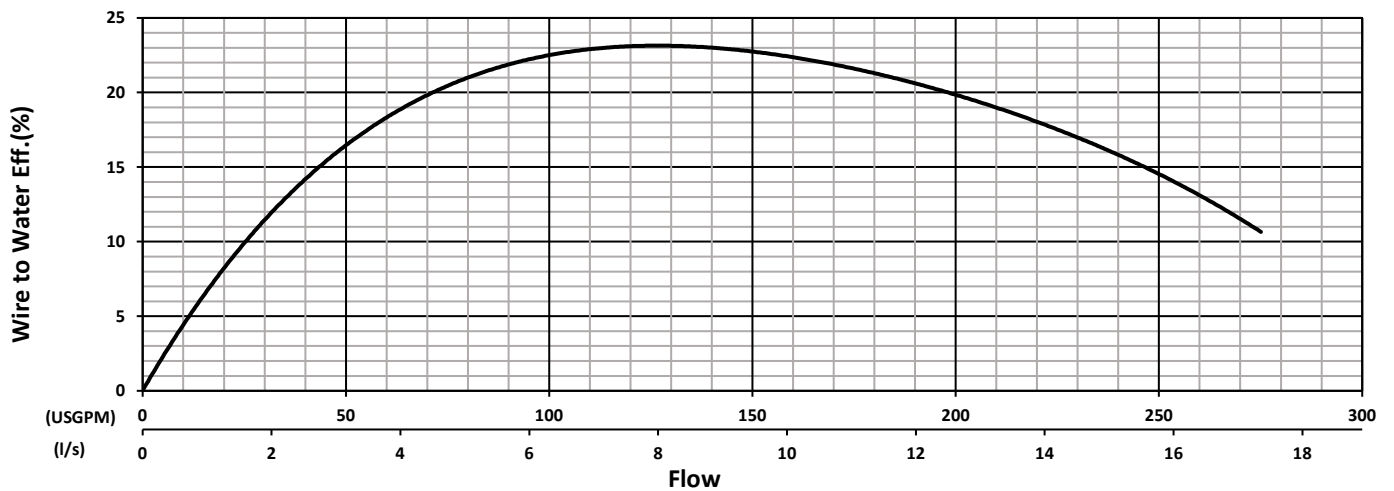
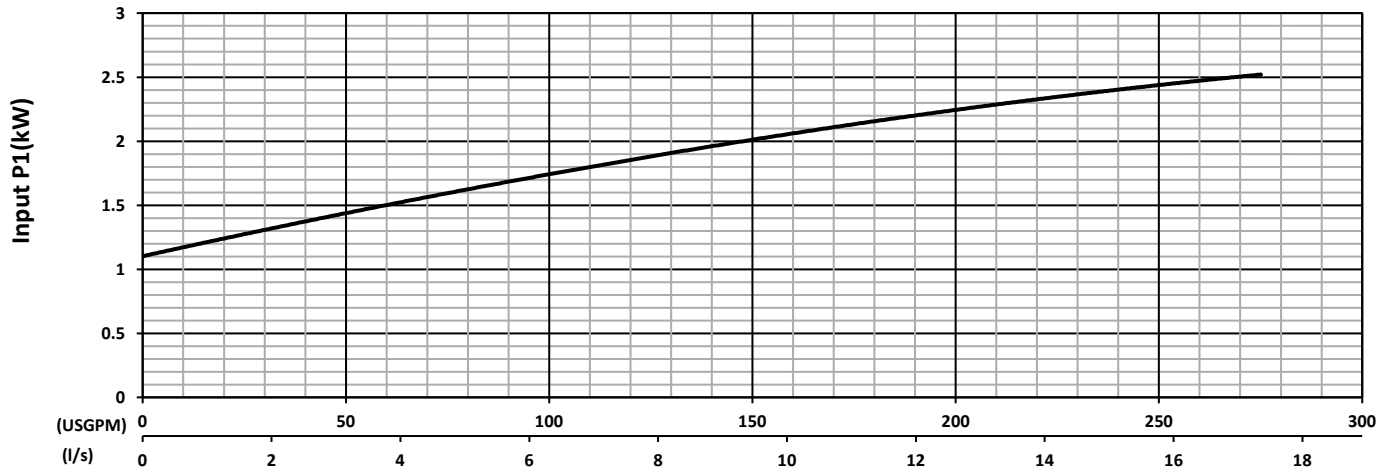
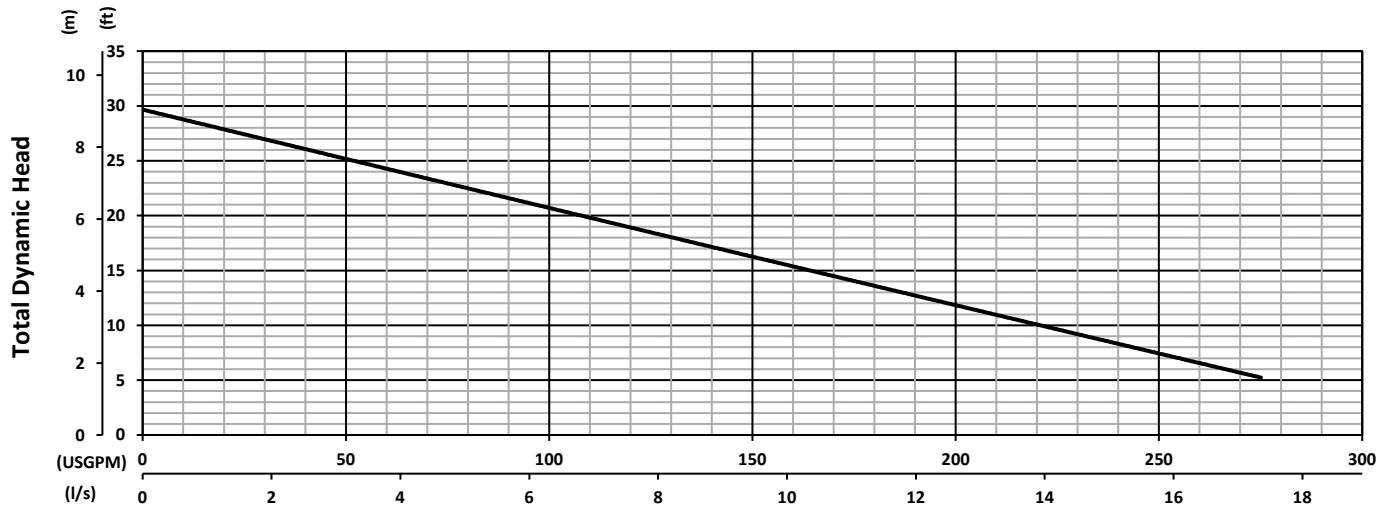
DS-C62-003

Rev:

1

Date:

5/20/2024



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

15 - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	146mm

Specifications subject to change without notice