

INDUSTRIAL  
FLOW  
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® V4-30****Dwg:**

DS-C62-012

**Rev:**

2

**Date:**

9/9/2024

**GENERAL DATA**

MAX. FLOW:	384 GPM (1453.6 L/min)
MAX. HEAD:	38' (11.6m)
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" (613 mm)
SOLID SIZE:	3.2" (80 mm)
IMPELLER DIAMETER:	6.46" (164 mm)
DISCHARGE SIZE	DN80 PN16
PUMP WEIGHT, without cable:	154.3 lbs (70 kg)
SHIPPING WEIGHT:	158.4 lbs (71.86 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	6205-ZZCMDNS7S6
BALL BEARING: PERM. LUBE. LOWER	3205B-2ZRTNG

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 4 (CONTINUOUS DUTY <sup>2</sup> )	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE <sup>1</sup> - 60 Hz	230V	460V
CURRENT F.L.A.	12.4	6.2
LOCKED ROTOR CURRENT (LRA)	67.3	33.7
POWER CORD: GAGE; LENGTH	AWG 12/4+16/3, 33' (10m), SOOW	AWG 16/7, 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

©2024 Industrial Flow Solutions Operating, LLC. All rights reserved.

Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA  
(860) 631-3618 • [www.flowsolutions.com](http://www.flowsolutions.com)



INDUSTRIAL  
FLOW  
SOLUTIONS™

# PERFORMANCE CURVE

## BJM Pumps® V4-30

Dwg:

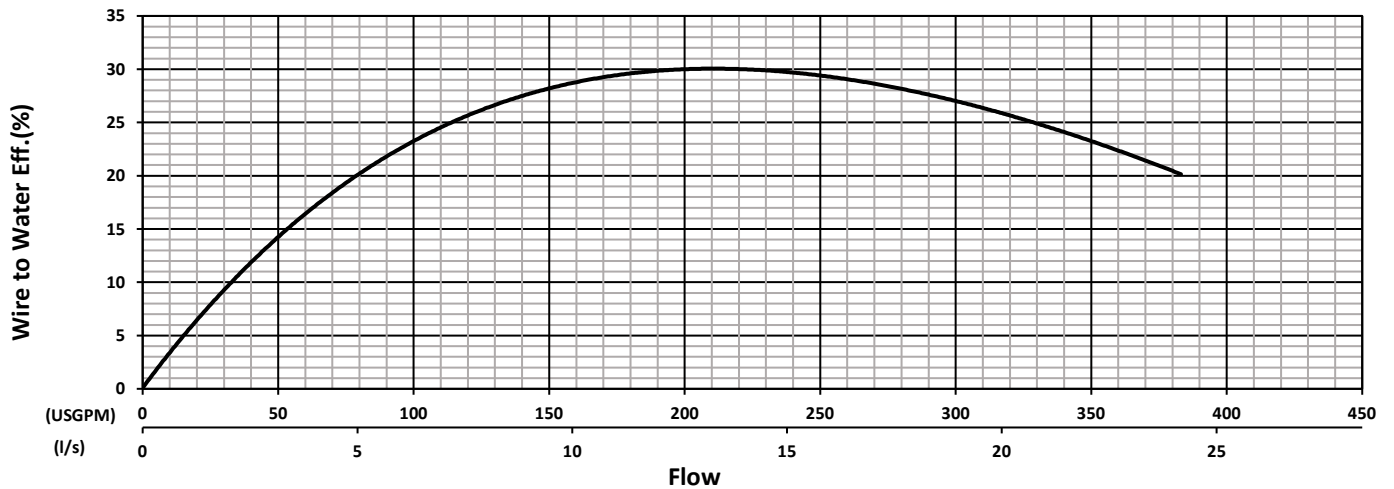
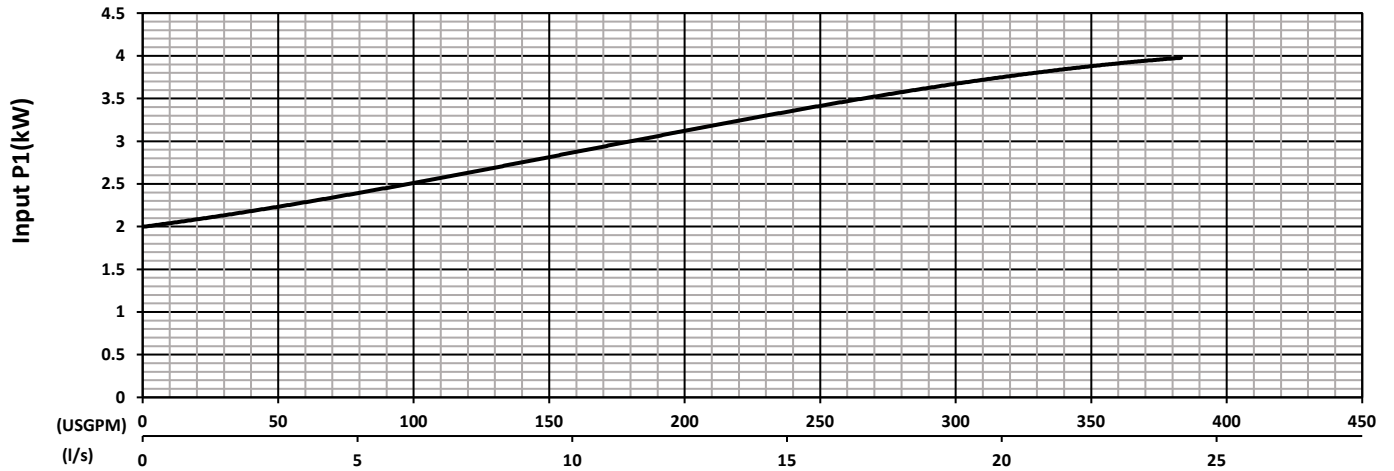
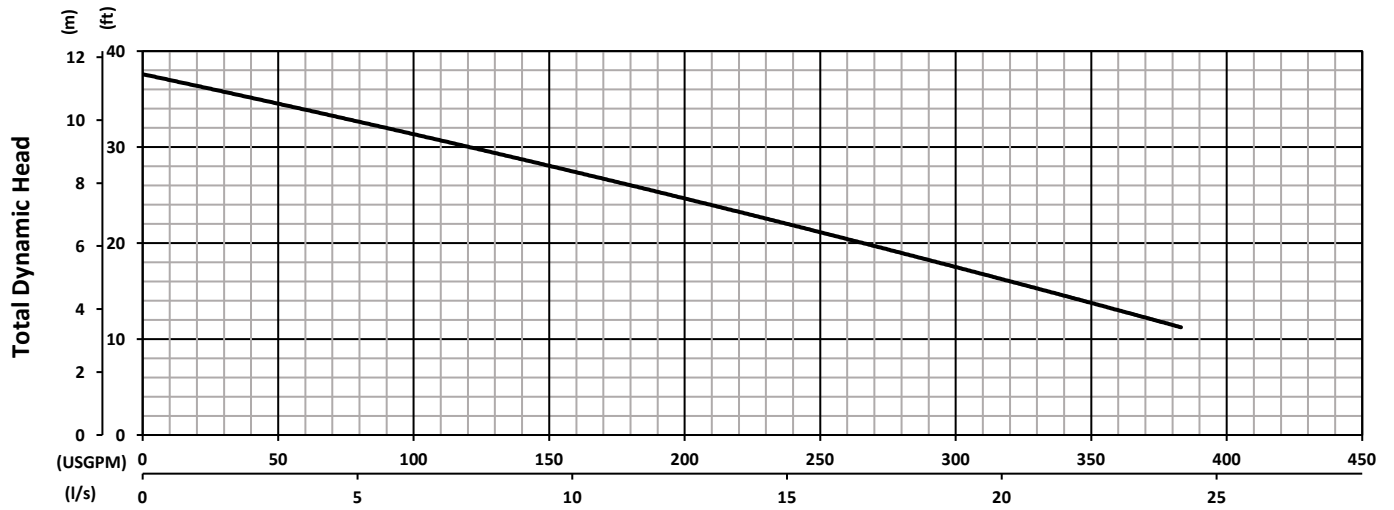
DS-C62-004

Rev:

1

Date:

5/20/2024



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

30 - Dual Units

Frequency 60 Hz  
Pump Speed 1750 RPM  
Impeller 164mm

Specifications subject to change without notice