



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® A4-30**

**Dwg:**

DS-C43-015

**Rev:**

2

**Date:**

9/9/2024

## GENERAL DATA

MAX. FLOW:	436 GPM (1650.4 L/min)
MAX. HEAD:	54' (16.5m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SINGLE VANE NON-CLOG
MINIMUM SUBMERSION DEPTH:	23" (562 mm)
SOLID SIZE:	3" (75 mm)
IMPELLER DIAMETER:	7.49" (190 mm)
DISCHARGE SIZE	DN80 PN16
PUMP WEIGHT, without cable:	205 lbs (93 kg)
SHIPPING WEIGHT:	209.1 lbs (94.86 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	6206-ZZCMDNS7S6
BALL BEARING: PERM. LUBE. LOWER	3306B-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

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# PERFORMANCE CURVE

## BJM Pumps® A4-30

Dwg:

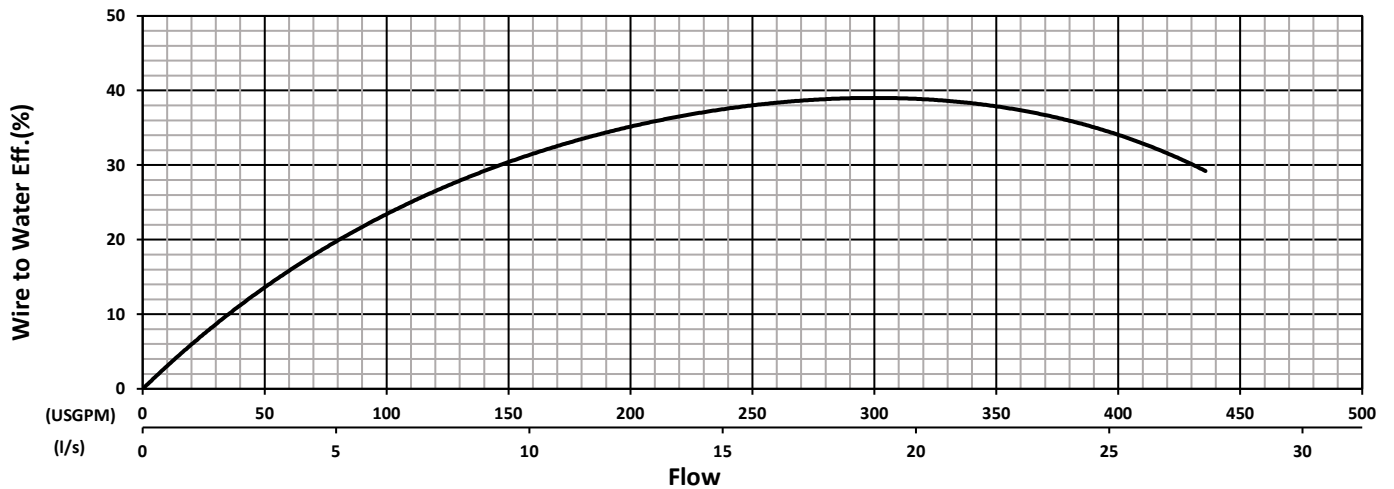
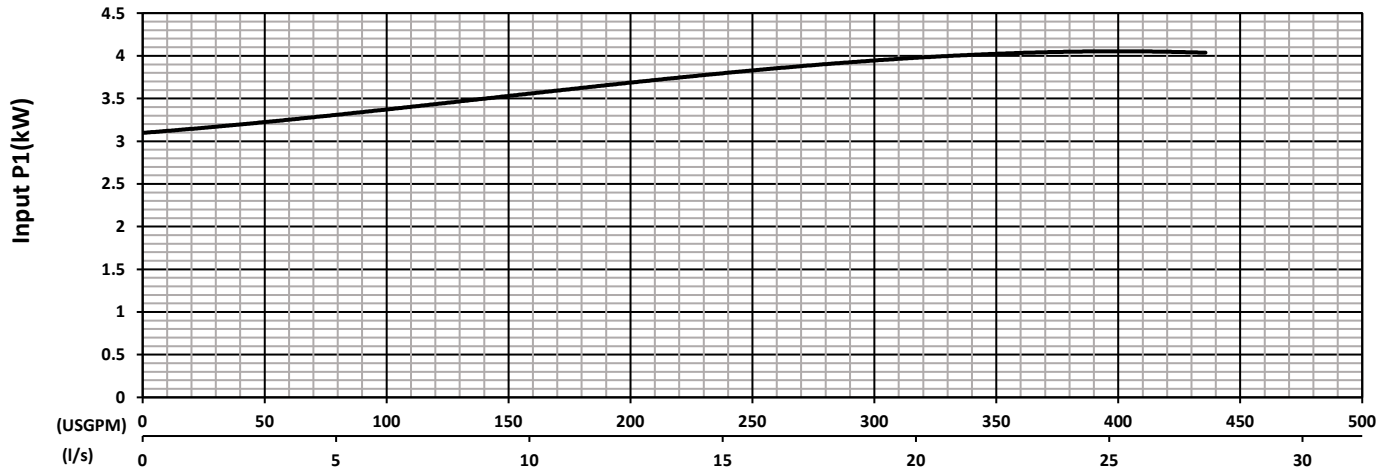
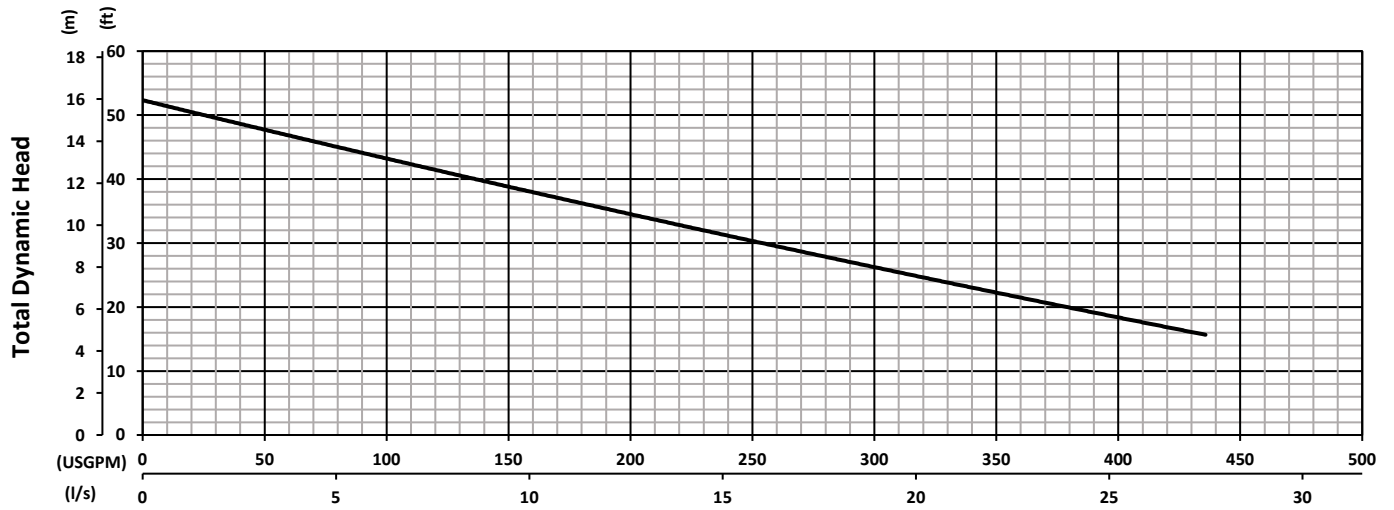
DS-C43-014

Rev:

1

Date:

5/31/2024



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

30 - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	190mm

Specifications subject to change without notice