

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® V4L-119		
	Dwg:	DS-C65-004	Rev:	1	Date:	10/18/2024

GENERAL DATA

MAX. FLOW:	728 GPM (2755.8 L/min)
MAX. HEAD:	72' (21.9m)
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:	34" (855 mm)
SOLID SIZE:	3.6" (90 mm)
IMPELLER DIAMETER:	8.27" (210 mm)
DISCHARGE SIZE	DN100 PN16
PUMP WEIGHT, without cable:	434.3 lbs (197 kg)
SHIPPING WEIGHT:	442 lbs (200.5 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE 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 & LIP SEALS	BUNA
ROTOR SHAFT	STAINLESS STEEL AISI 420
EXTERNAL HARDWARE	STAINLESS STEEL A2-70
BALL BEARING: PERM. LUBE. UPPER	NU 207EW/C3
BALL BEARING: PERM. LUBE. LOWER	6312-DDUC3BQHS6

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 16 (CONTINUOUS DUTY ²)
MOTOR RPM	1750
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ¹ - 60 Hz	460V
CURRENT F.L.A.	22.2
LOCKED ROTOR CURRENT (LRA)	112.1
POWER CORD: GAGE; LENGTH	AWG 10/7, 50' (15m), 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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Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA
(860) 631-3618 • www.flowsolutions.com



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® V4L-119

Dwg:

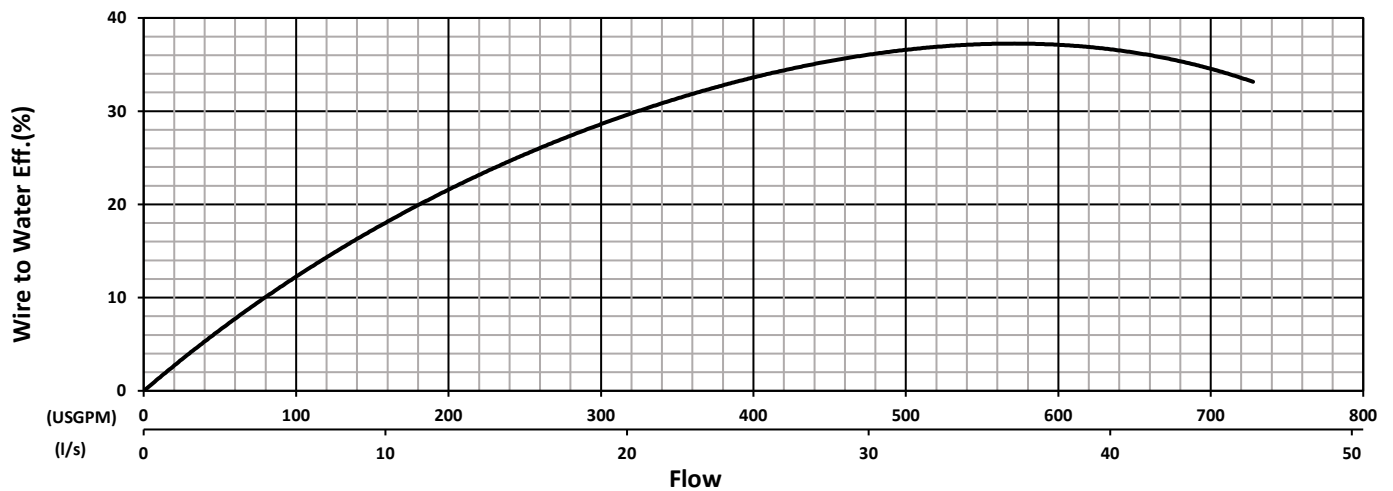
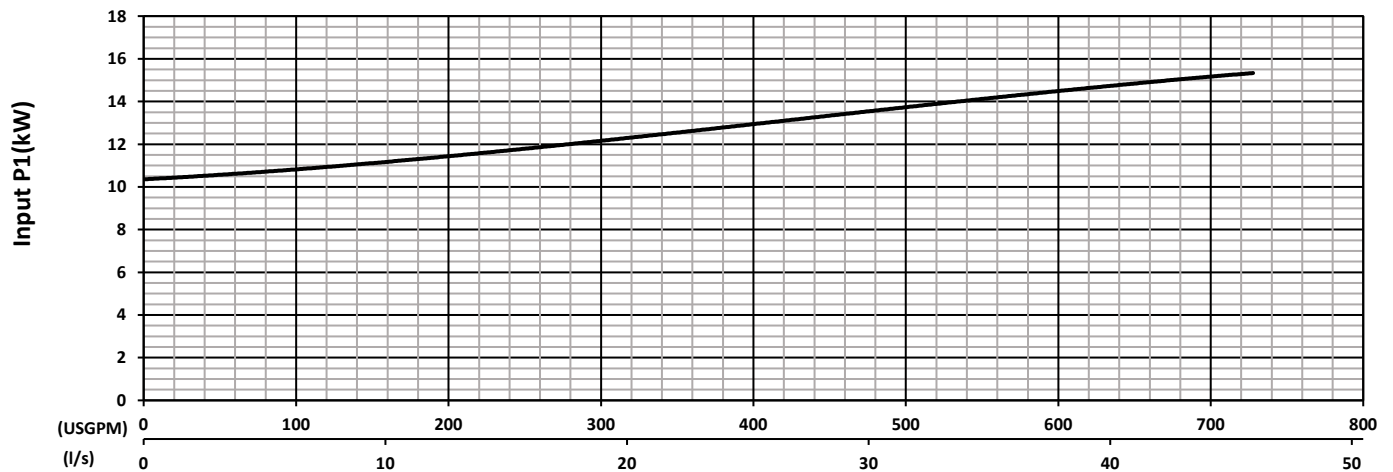
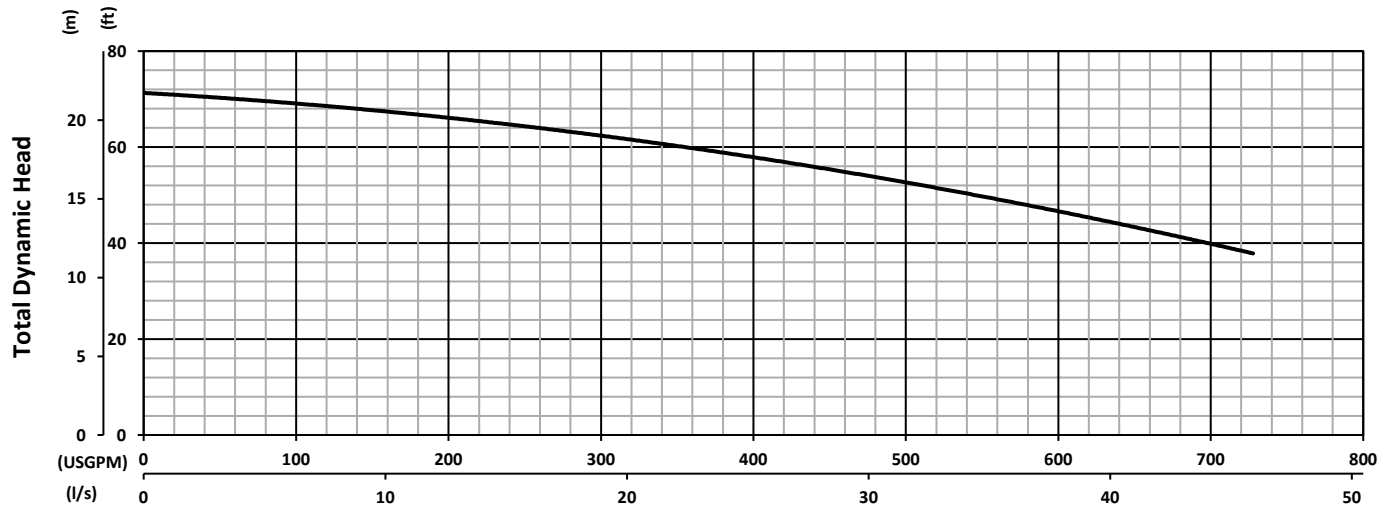
DS-C65-003

Rev:

1

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Flow

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

119 - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 210mm

Specifications subject to change without notice