

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® V2-41****Dwg:**

DS-C61-012

Rev:

2

Date:

9/9/2024

GENERAL DATA

MAX. FLOW:	285 GPM (1078.8 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:	22" (556 mm)
SOLID SIZE:	2.6" (65 mm)
IMPELLER DIAMETER:	5.52" (140 mm)
DISCHARGE SIZE	DN80 PN16
PUMP WEIGHT, without cable:	132.3 lbs (60 kg)
SHIPPING WEIGHT:	141.1 lbs (64 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, 5.5 (CONTINUOUS DUTY ²)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 60 Hz	230V	460V
CURRENT F.L.A.	16.6	8.3
LOCKED ROTOR CURRENT (LRA)	90.3	45.2
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 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
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PERFORMANCE CURVE

BJM Pumps® V2-41

Dwg:

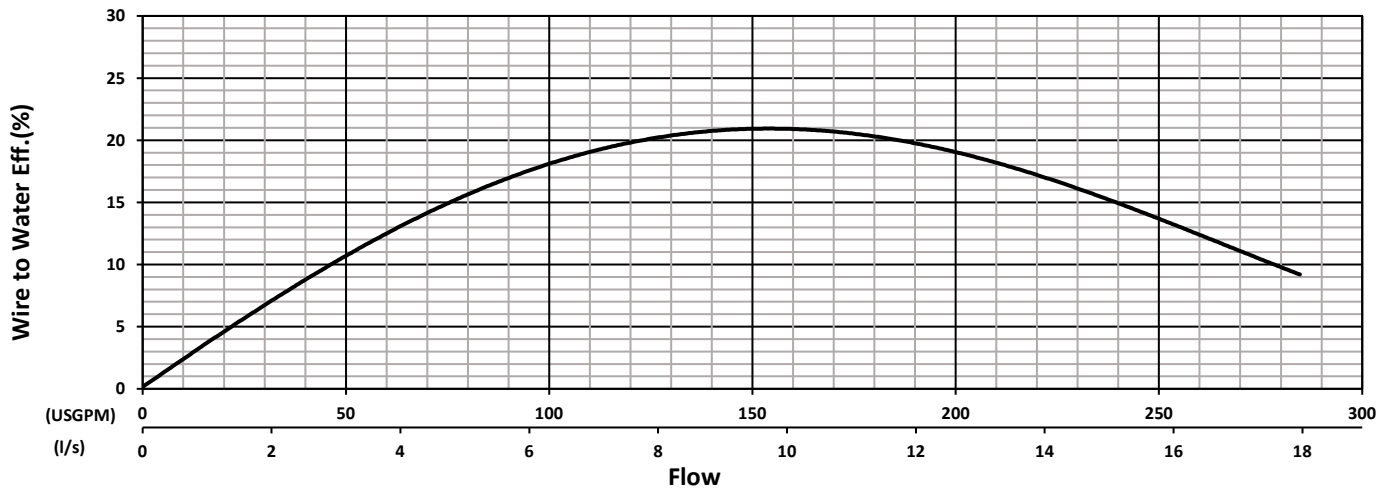
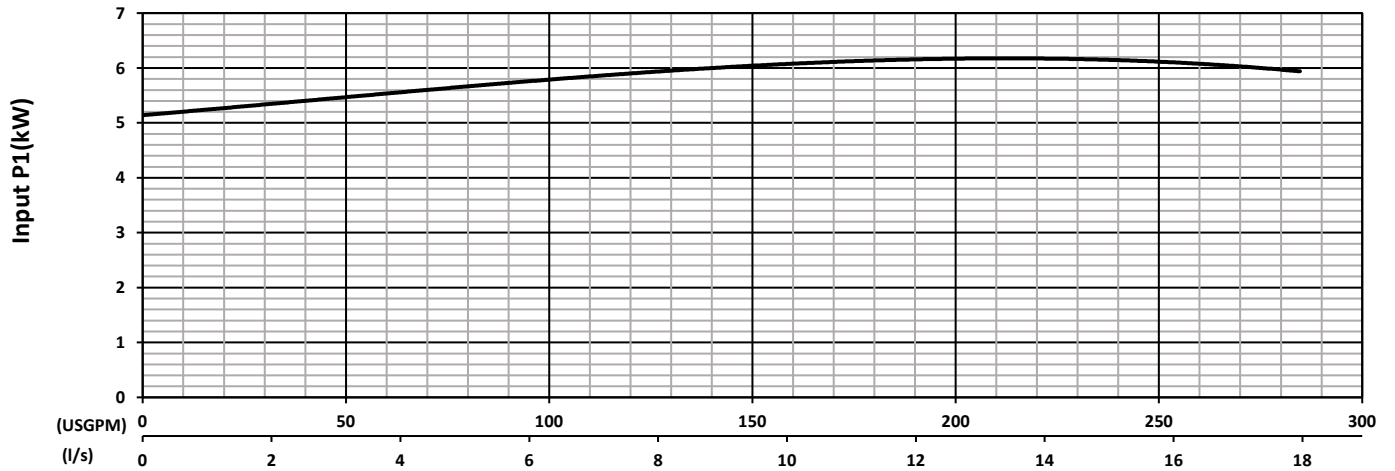
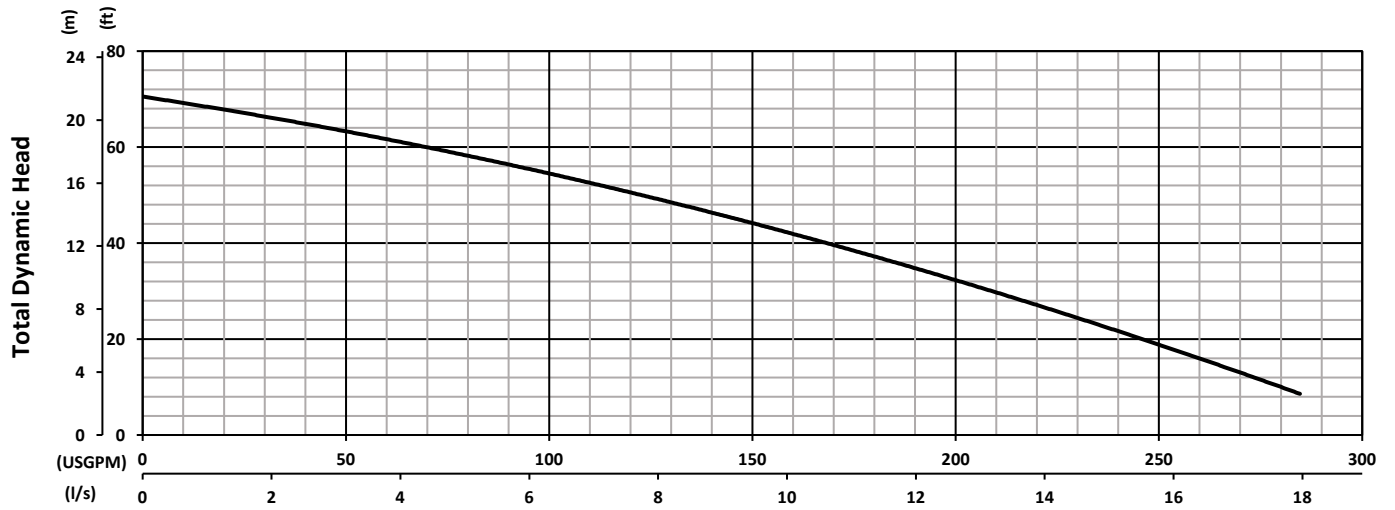
DS-C61-004

Rev:

1

Date:

1/12/2024



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

41 - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 140mm

Specifications subject to change without notice