

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® G2-19****Dwg:**

DS-C56-008

Rev:

2

Date:

9/9/2024

GENERAL DATA

MAX. FLOW:	71 GPM (268.8 L/min)
MAX. HEAD:	99' (30.2m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	GRINDER
MINIMUM SUBMERSION DEPTH:	16" (403 mm)
IMPELLER DIAMETER:	5.2" (132 mm)
DISCHARGE SIZE	2" NPS-F DN50
PUMP WEIGHT, without cable:	82.7 lbs (37.5 kg)
SHIPPING WEIGHT:	87.1 lbs (39.5 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
CUTTER	HARDENED STEEL
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, 2.5 (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.	8.2	4.1
LOCKED ROTOR CURRENT (LRA)	47.6	23.8
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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INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® G2-19

Dwg:

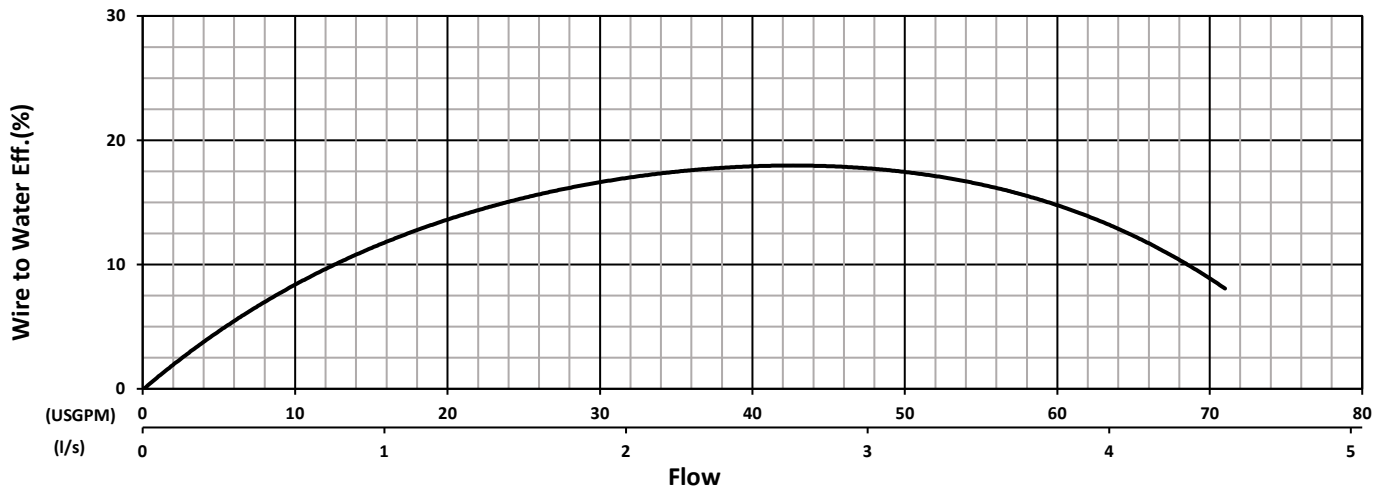
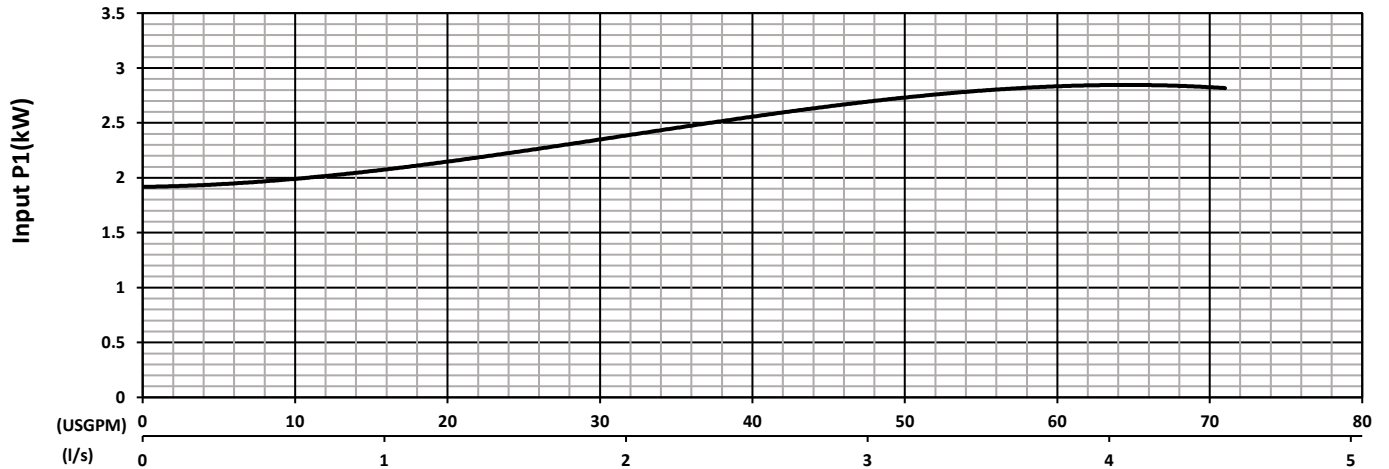
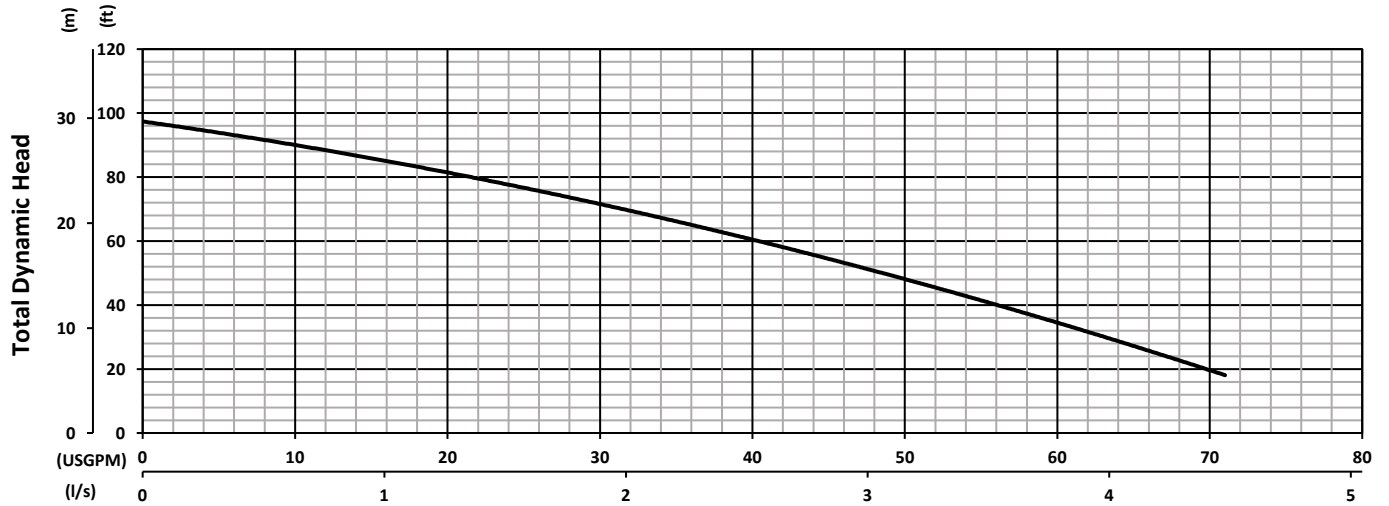
DS-C56-006

Rev:

1

Date:

2/28/2024



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

19 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	132mm

Specifications subject to change without notice