

INDUSTRIAL  
FLOW  
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® G2-22****Dwg:**

DS-C56-009

**Rev:**

2

**Date:**

9/9/2024

**GENERAL DATA**

MAX. FLOW:	70 GPM (265 L/min)
MAX. HEAD:	131' (39.9m)
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:	5.91" (150 mm)
DISCHARGE SIZE	2" NPS-F DN 50
PUMP WEIGHT, without cable:	88.2 lbs (40 kg)
SHIPPING WEIGHT:	89.3 lbs (40.5 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, 3 (CONTINUOUS DUTY <sup>2</sup> )	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE <sup>1</sup> - 60 Hz	230V	460V
CURRENT F.L.A.	9.6	4.8
LOCKED ROTOR CURRENT (LRA)	86.6	43.3
POWER CORD: GAGE; LENGTH	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® G2-22**

**Dwg:**

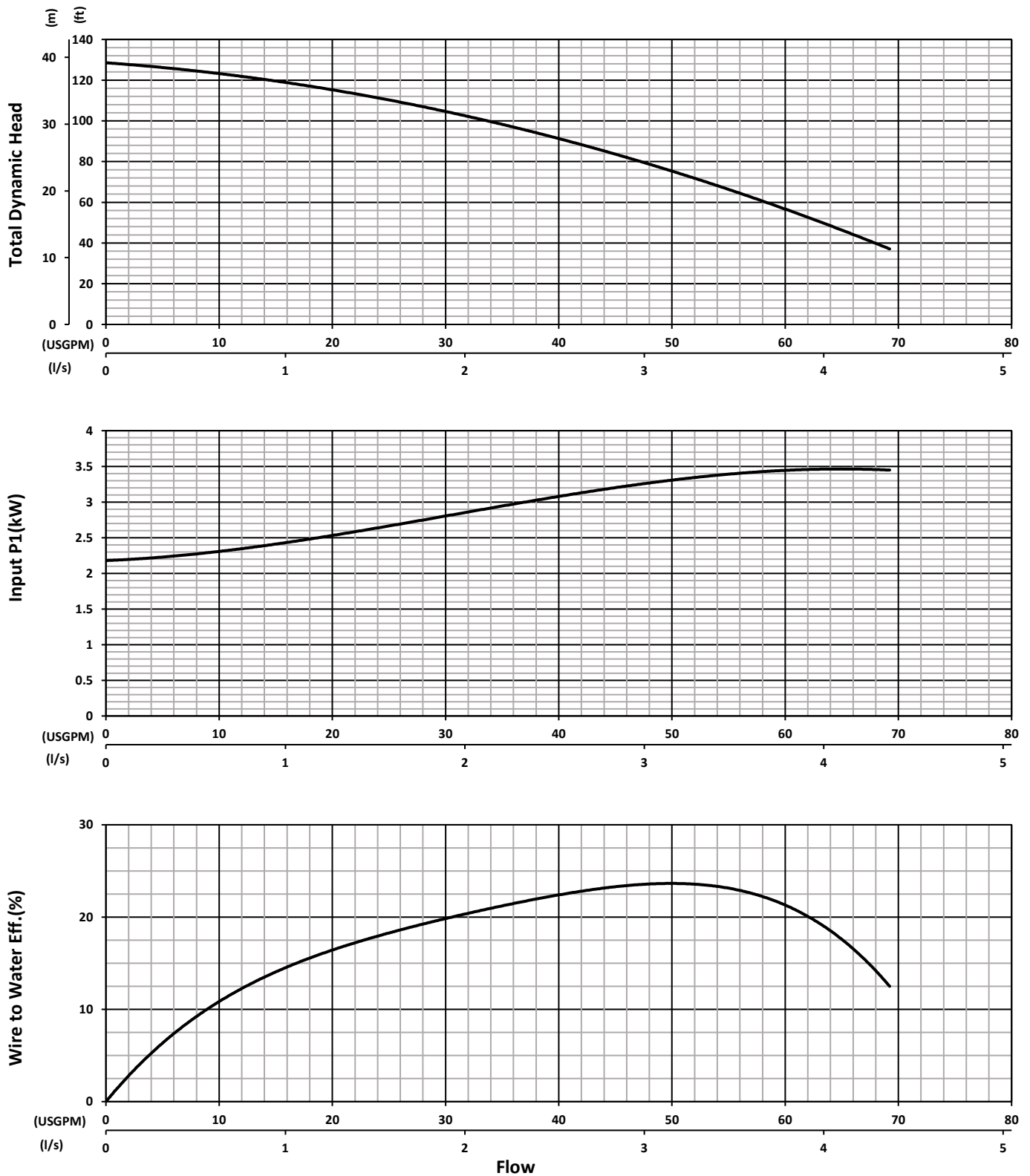
DS-C56-005

**Rev:**

1

**Date:**

2/28/2024



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

**22 - Dual Units**

Frequency 60 Hz  
Pump Speed 3450 RPM  
Impeller 150mm

Specifications subject to change without notice