INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA		BJM Pumps® G2-78		
	Dwg:	DS-C56-014	**Rev:**	2	**Date:** 9/9/2024

GENERAL DATA

MAX. FLOW:	102 GPM (386.1 L/min)
MAX. HEAD:	195' (59.4m)
MAX. SUBMERSION DEPTH:	65’ (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	GRINDER
MINIMUM SUBMERSION DEPTH:	23" (563 mm)
IMPELLER DIAMETER:	7.01" (178 mm)
DISCHARGE SIZE	2" NPS-F DN 50
PUMP WEIGHT, without cable:	189.6 lbs (86 kg)
SHIPPING WEIGHT:	209.4 lbs (95 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	6206-ZZCMDNS7S6
BALL BEARING: PERM. LUBE. LOWER	3306B-2ZRTNG

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 10.5 (CONTINUOUS DUTY[2])
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE[1] - 60 Hz	460V
CURRENT F.L.A.	14.7
LOCKED ROTOR CURRENT (LRA)	89.5
POWER CORD: GAGE; LENGTH	AWG 12/4 + 16/3, 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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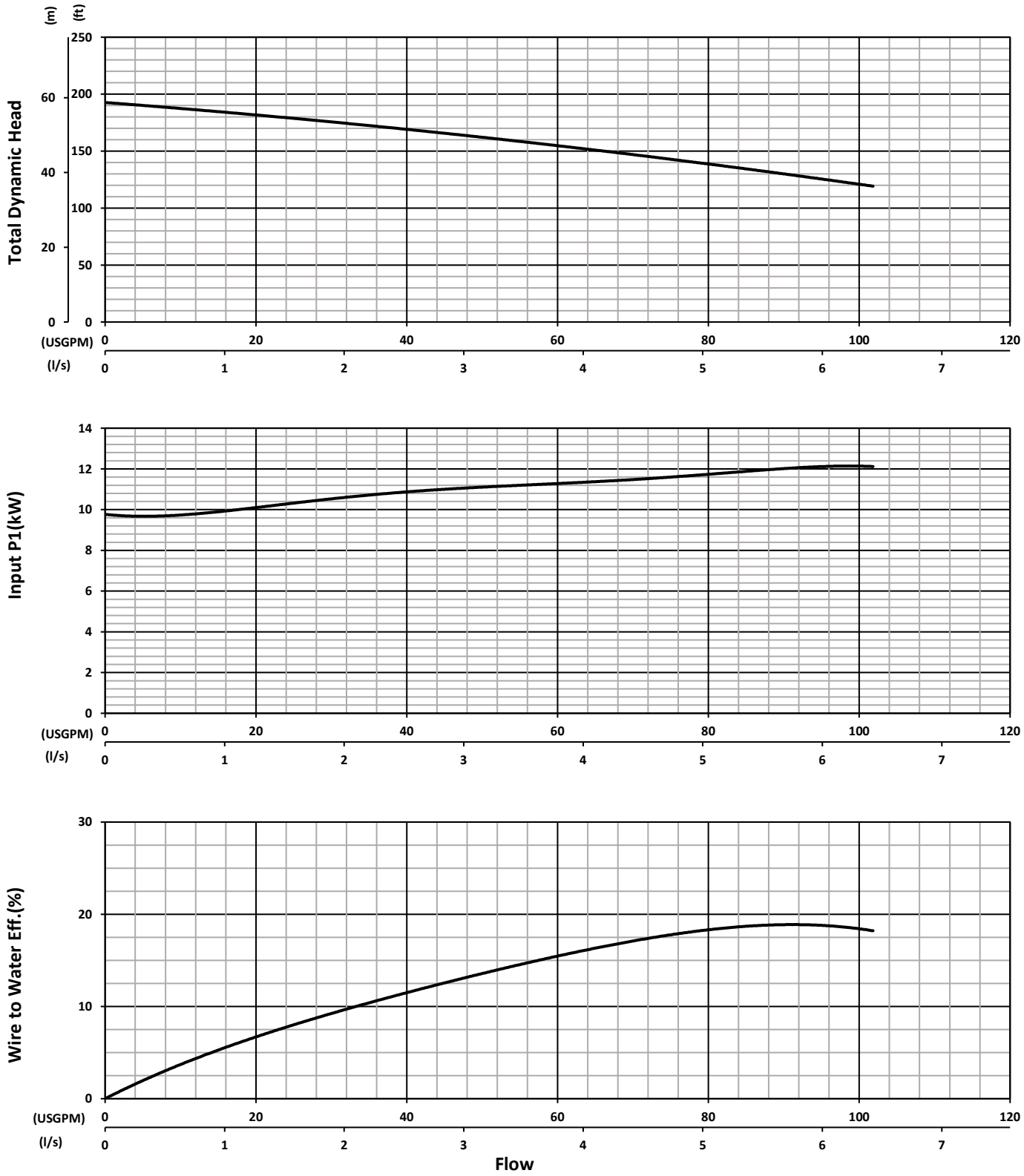
INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE		BJM Pumps® G2-78		
	Dwg:	DS-C56-013	Rev:	1	Date: 3/11/2024



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

78 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	178mm

Specifications subject to change without notice