



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® H2-22**

**Dwg:**

DS-C59-005

**Rev:**

1

**Date:**

2/8/2024

## GENERAL DATA

MAX. FLOW:	117 GPM (442.9 L/min)
MAX. HEAD:	95' (29m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	HIGH HEAD DEWATERING
MINIMUM SUBMERSION DEPTH:	18" (436 mm)
SOLID SIZE:	0.7" (17 mm)
IMPELLER DIAMETER:	4.73" (120 mm)
DISCHARGE SIZE	2" NPS-F DN 50
PUMP WEIGHT, without cable:	79.4 lbs (36 kg)
SHIPPING WEIGHT:	83.8 lbs (38 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	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	460V
CURRENT F.L.A.	4.8
LOCKED ROTOR CURRENT (LRA)	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® H2-22

Dwg:

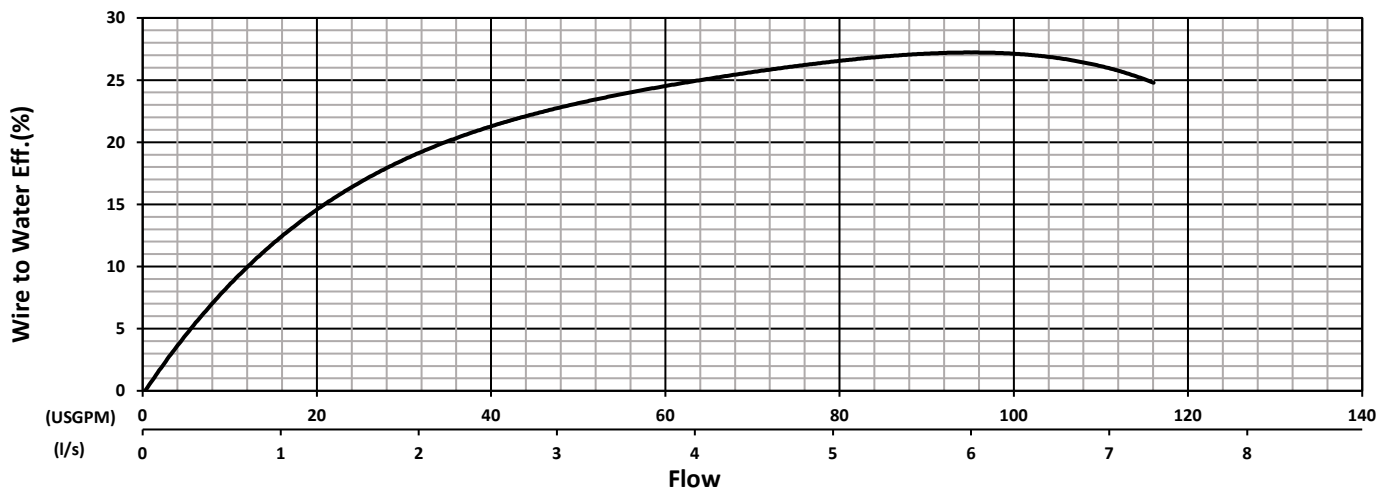
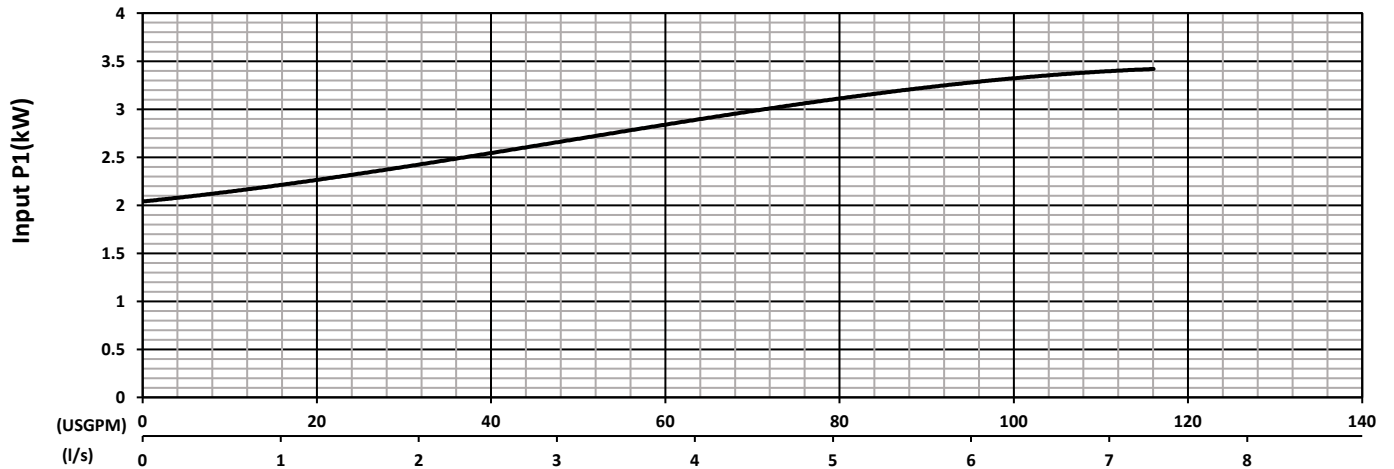
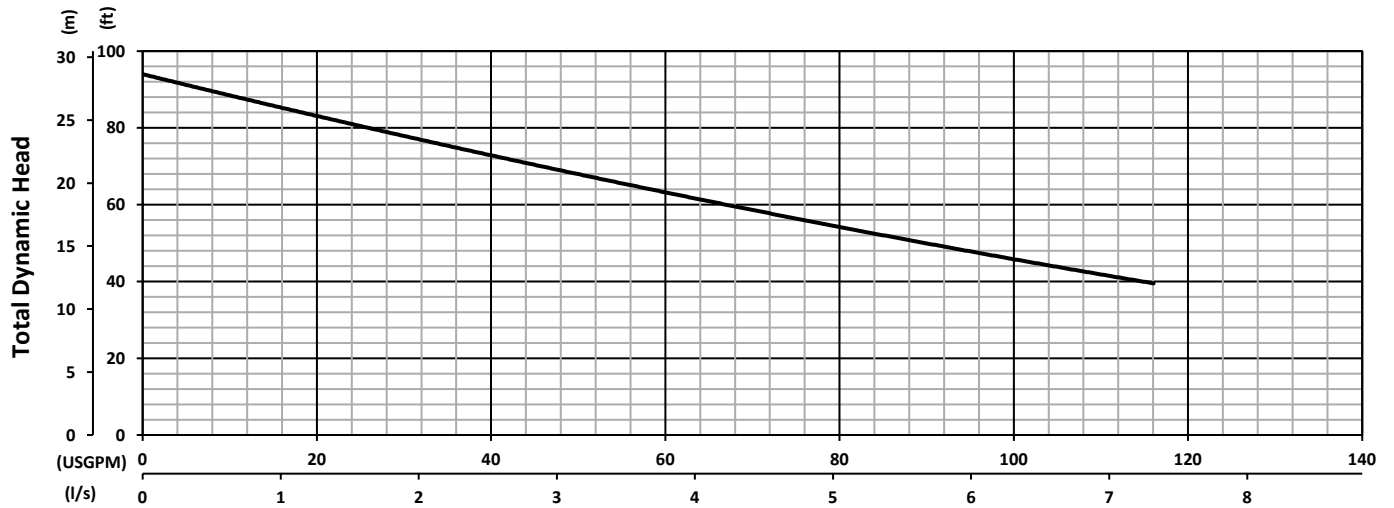
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Test Standard : HI 11.6 Gr 3B  
Tested with water at 20°C

22 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	120mm

Specifications subject to change without notice