



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® H2-97**

**Dwg:**

DS-C59-012

**Rev:**

1

**Date:**

3/21/2024

## GENERAL DATA

MAX. FLOW:	247 GPM (935 L/min)
MAX. HEAD:	193' (58.8m)
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:	25" (610 mm)
SOLID SIZE:	0.4" (10 mm)
IMPELLER DIAMETER:	6.89" (175 mm)
DISCHARGE SIZE	DN65 PN6
PUMP WEIGHT, without cable:	181.9 lbs (82.5 kg)
SHIPPING WEIGHT:	190.7 lbs (86.5 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
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, 13 (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.	18.2
LOCKED ROTOR CURRENT (LRA)	99
POWER CORD: GAGE; LENGTH	AWG 12/4 + 16/3, 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® H2-97

Dwg:

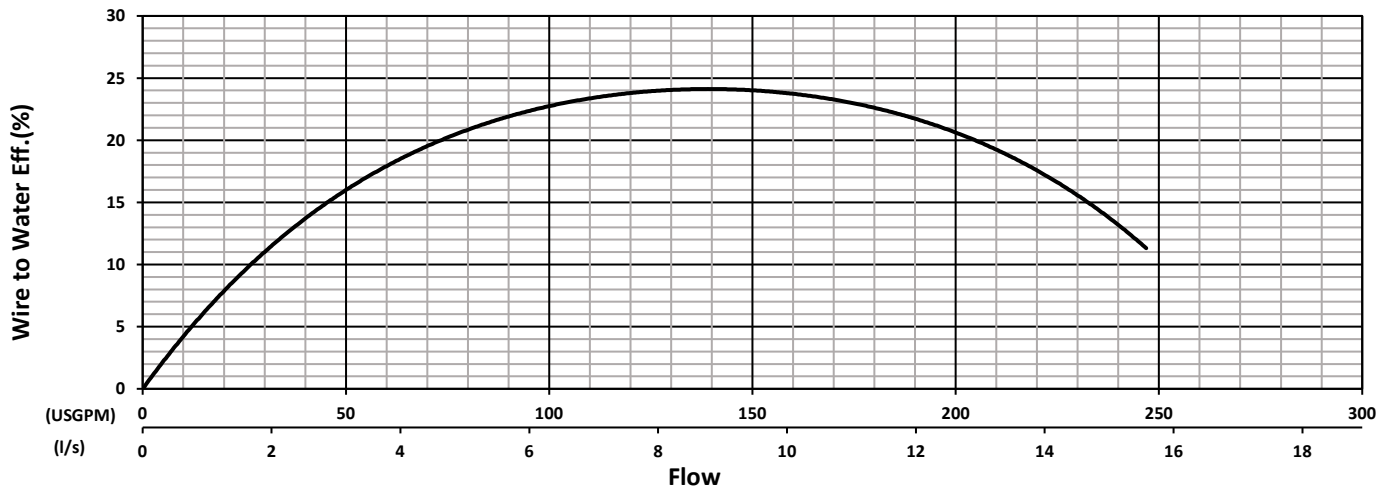
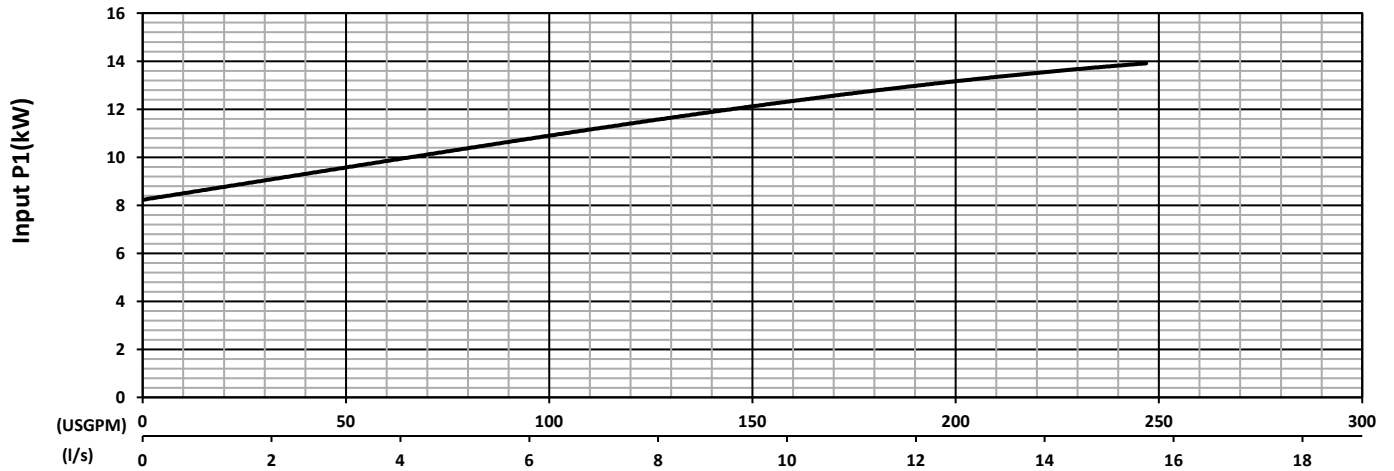
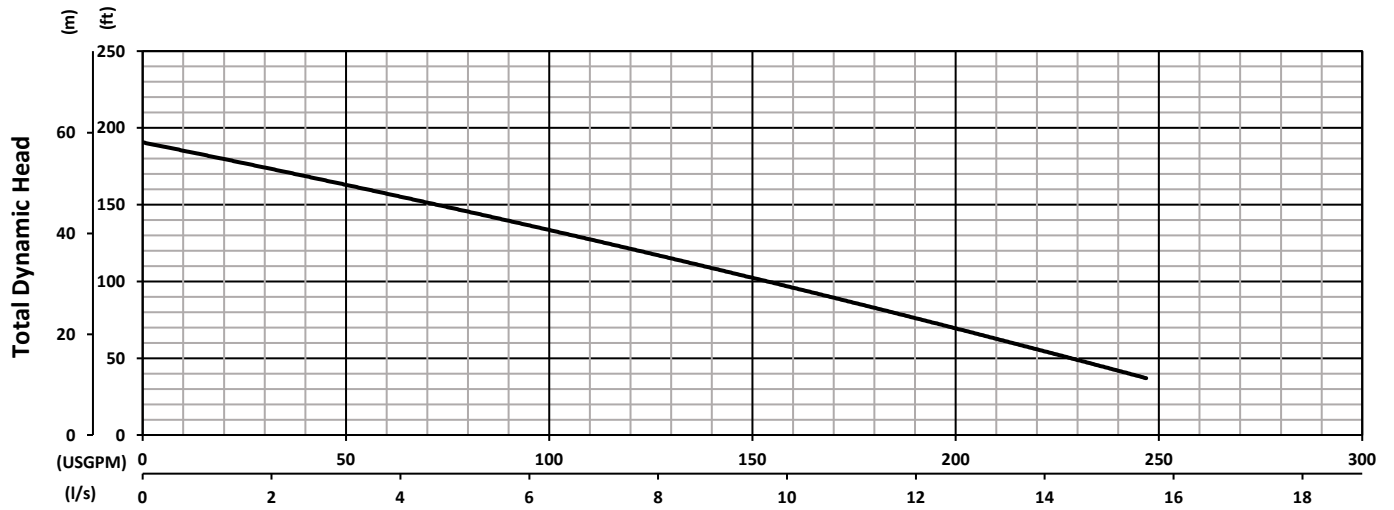
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Test Standard : HI 11.6 Gr 3B  
Tested with water at 20°C

97 - Dual Units

Frequency 60 Hz  
Pump Speed 3450 RPM  
Impeller 175mm

Specifications subject to change without notice