



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® A2-22

Dwg:

DS-C42-006

Rev:

1

Date:

3/5/2024

GENERAL DATA

MAX. FLOW	262 GPM (991.8 L/min)
MAX. HEAD	81' (24.7m)
MAX. SUBMERSION DEPTH	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	CLOSED VANE NON-CLOG
MINIMUM SUBMERSION DEPTH	19" (475 mm)
SOLID SIZE	1.6" (40 mm)
IMPELLER DIAMETER	4.65" (118 mm)
DISCHARGE SIZE	DN65 PN10
PUMP WEIGHT, without cable	91.5 lbs (41.5 kg)
SHIPPING WEIGHT	95.9 lbs (43.5 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	6204-ZZCMDNS7S6
BALL BEARING: PERM. LUBE. LOWER	3204B-2ZRTNG

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 3 (CONTINUOUS DUTY ²)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ¹ - 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 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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PERFORMANCE CURVE

BJM Pumps® A2-22

Dwg:

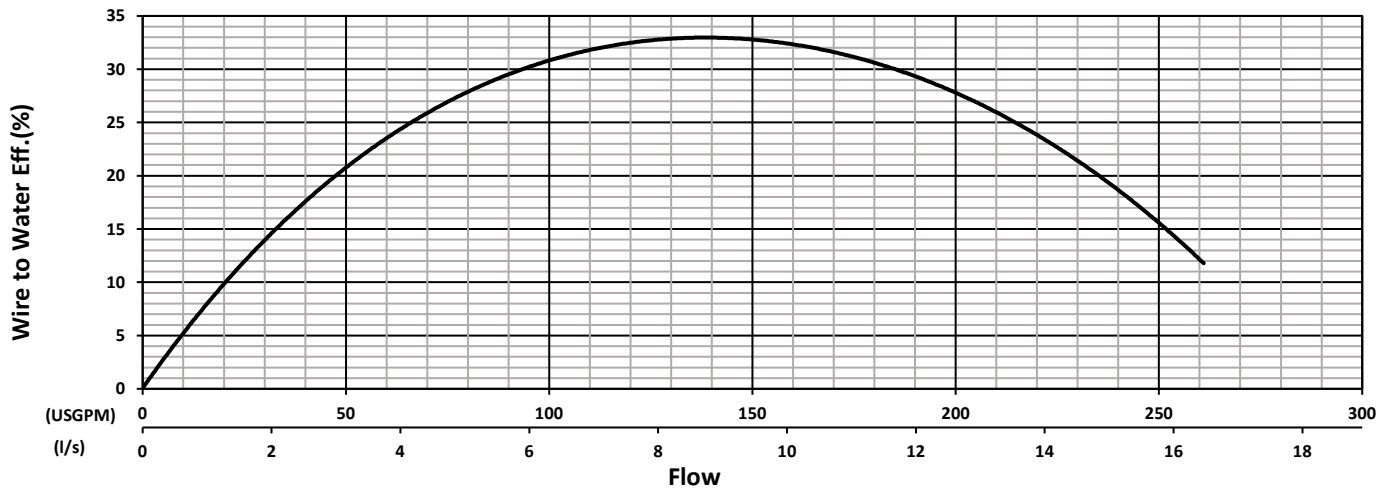
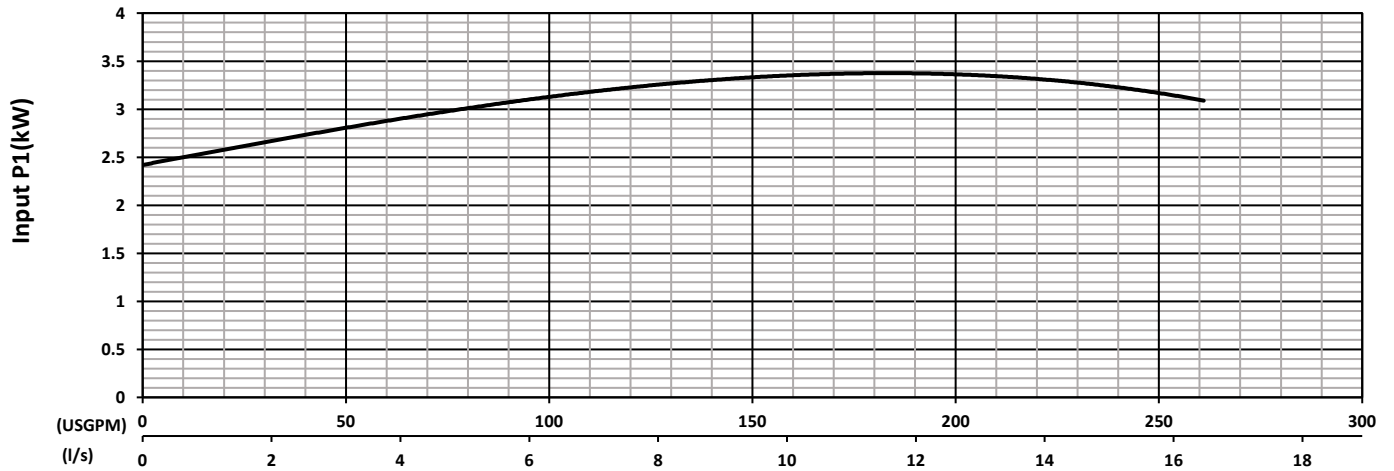
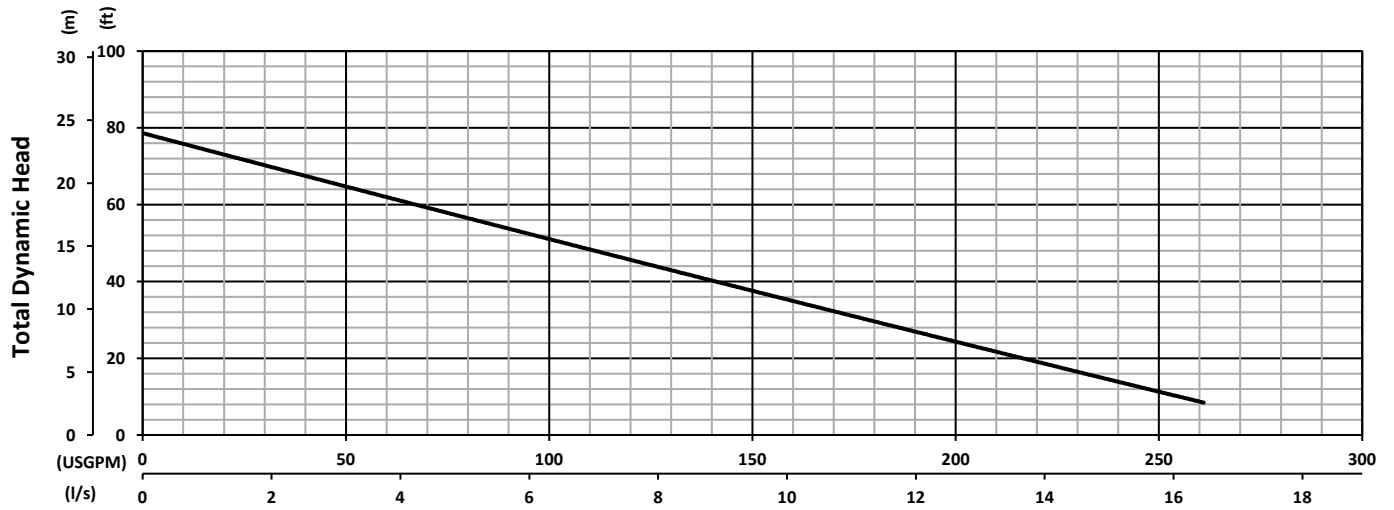
DS-C42-005

Rev:

1

Date:

2/27/2024



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

22 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	118mm

Specifications subject to change without notice