



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® R100

Dwg:

DS-C21-013

Rev:

1

Date:

8/15/2025

GENERAL DATA

MAX. FLOW:	19 GPM (71.9 L/min)
MAX. HEAD:	24' (7.3m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	DEWATERING TOP DISCHARGE
PUMP DOWN WATER LEVEL:	0.75" (19 mm)
SOLID SIZE:	1/8" (3.1 mm)
STRAINER OPENING:	1/8" (3.1 mm)
IMPELLER DIAMETER:	2.96" (75 mm)
DISCHARGE SIZE	3/4" GARDEN HOSE ADAPTER
PUMP WEIGHT (without cable):	9 lbs (4.1 kg)
SHIPPING WEIGHT:	13 lbs (5.9 kg)

CONSTRUCTION / MATERIAL DATA

LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, BUNA-N
OUTER CASING	ABS PLASTIC
MOTOR CASING	304 SS
PUMP VOLUTE	ABS PLASTIC
IMPELLER	FIBERGLASS REINFORCED PLASTIC
STRAINER	ABS PLASTIC
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6200
BALL BEARING: PERM. LUBE. LOWER	6201

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	0.15 SUBMERSIBLE , (CONTINUOUS DUTY)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE - 1PH - 60Hz ¹	115V
CURRENT F.L.A.	2
LOCKED ROTOR CURRENT (LRA)	5.6
POWER CABLE: GAGE-LENGTH	AWG 16/3, 33' (10m) STOW
MOTOR PROTECTION	THERMAL BREAKER
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

¹ - Available in other voltages for 50Hz

©2025 Industrial Flow Solutions Operating, LLC. All rights reserved.

Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA

(860) 631-3618 • www.flowsolutions.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® R100

Dwg:

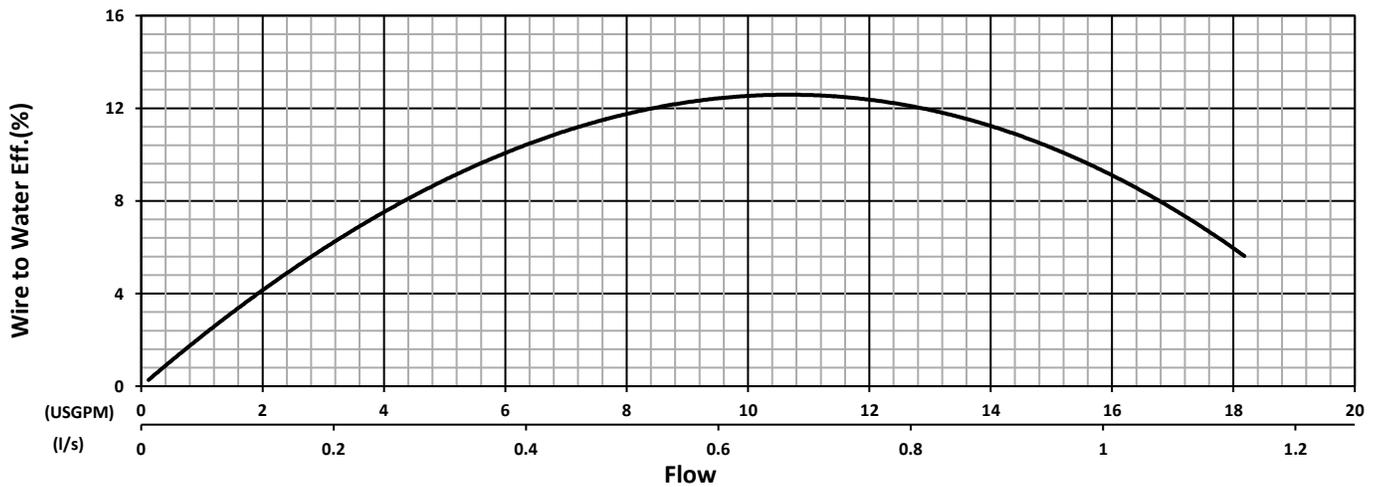
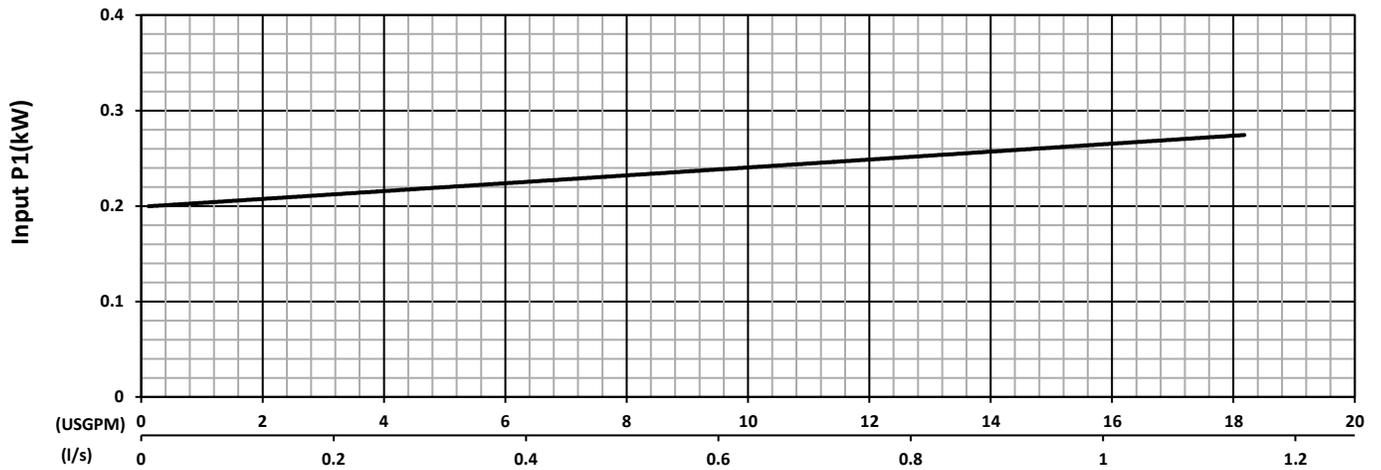
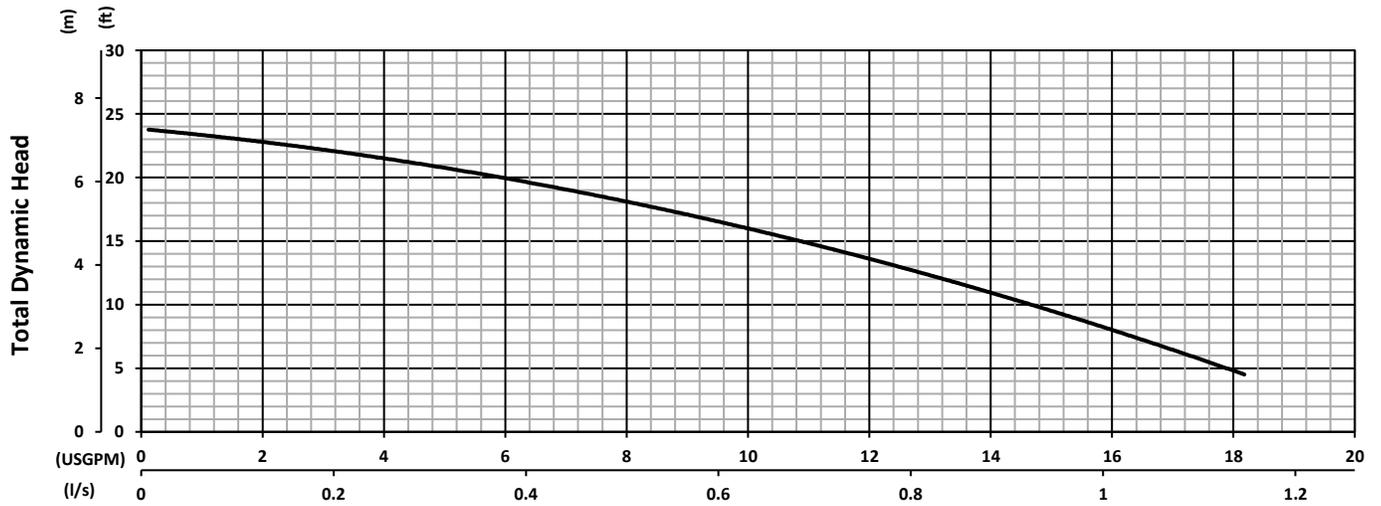
DS-C21-005

Rev:

1

Date:

8/7/2025



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

100 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
75mm

Specifications subject to change without notice