



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

## BJM Pumps® R08

Dwg:

DS-C21-012

Rev:

1

Date:

8/15/2025

### GENERAL DATA

MAX. FLOW:	69 GPM (261.1 L/min)
MAX. HEAD:	44' (13.4m)
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:	2.25" (57 mm)
SOLID SIZE:	1/4" (6.3 mm)
STRAINER OPENING:	1/4" (6.3 mm)
IMPELLER DIAMETER:	4.34" (110 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP WEIGHT (without cable):	52 lbs (23.6 kg)
SHIPPING WEIGHT:	66 lbs (30 kg)

### CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/SILICON CARBIDE, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	CAST IRON
STRAINER	304 SS
BOTTOM PLATE	CAST IRON
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

### ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	1, SUBMERSIBLE , (CONTINUOUS DUTY)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 60Hz <sup>1</sup>	208V	230V	460V	575V
CURRENT F.L.A.	3.5	3.2	1.6	1.3
LOCKED ROTOR CURRENT (LRA)	19.8	18	9	8
POWER CABLE: GAGE-LENGTH	AWG 16/4, 50' (15m) STOW			
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Available in other voltages for 50Hz

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL FLOW SOLUTIONS™

# PERFORMANCE CURVE

## BJM Pumps® R08

Dwg:

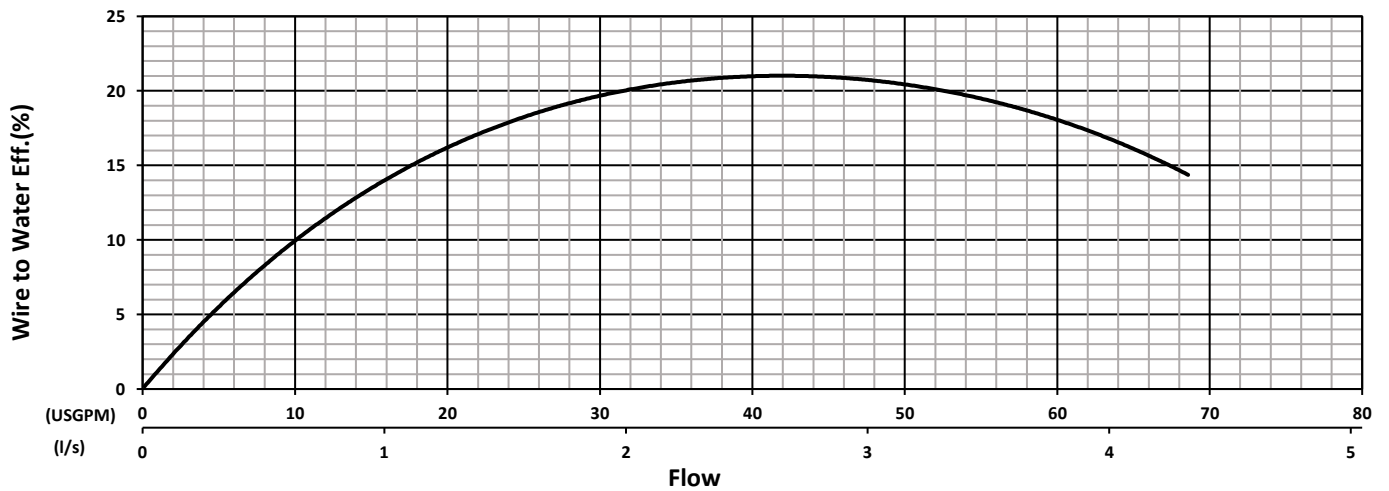
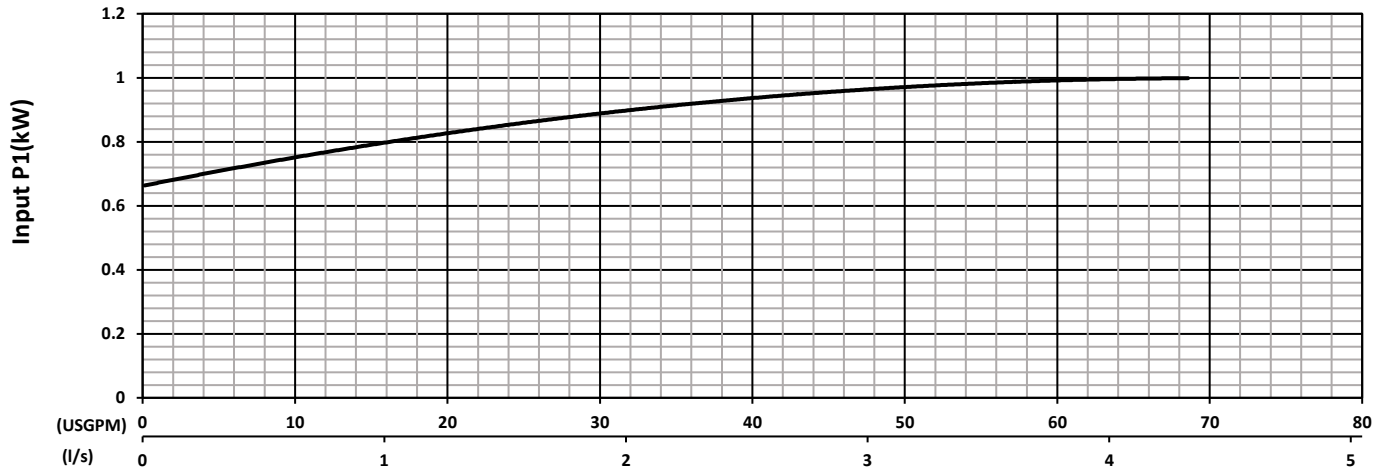
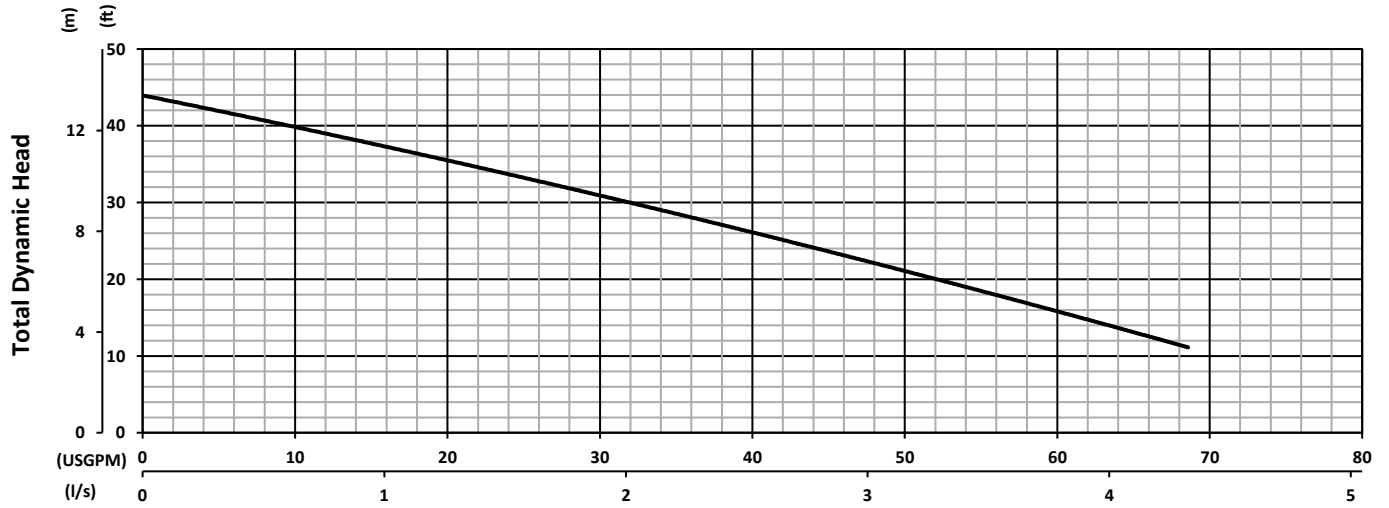
DS-C21-004

Rev:

1

Date:

8/7/2025



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

08 - Dual Units

Frequency 60 Hz  
Pump Speed 3450 RPM  
Impeller 110mm

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