

INDUSTRIAL  
FLOW  
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® BIC 32-2-037****Dwg:**

DS-C50-006

**Rev:**

1

**Date:**

11/8/2023

**GENERAL DATA**

MAX. FLOW:	48 GPM (181.7 L/min)
MAX. HEAD:	38' (11.6m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	TWIN CHANNEL IMPELLER, DEWATERING
MINIMUM SUBMERSION DEPTH:	10" (253 mm)
SOLID SIZE:	0.5" (10 mm)
IMPELLER DIAMETER:	3.47" (88 mm)
DISCHARGE SIZE	1.25" NPS FEMALE
PUMP WEIGHT, without cable:	24.3 lbs (11 kg)
SHIPPING WEIGHT:	25.4 lbs (11.5 kg)

**CONSTRUCTION / MATERIAL DATA**

MECHANICAL SEAL	SILICON CARBIDE/CERAMIC FKM
MOTOR CASING	CAST IRON, GG20
PUMP VOLUTE	CAST IRON, GG20
IMPELLER	CAST IRON, GG20
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	STAINLESS STEEL AISI 420
EXTERNAL HARDWARE	STAINLESS STEEL A2-70
BALL BEARINGS: PERM. LUBE.	6201-2Z

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.5 (CONTINUOUS DUTY <sup>2</sup> )			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
PHASE	SINGLE		THREE	
VOLTAGE <sup>1</sup> - 3 PH, 60 Hz	115V	230V	230V	460V
CURRENT F.L.A.	7.5	4	2.2	1.1
LOCKED ROTOR CURRENT (LRA)	28.7	15.3	8.4	4.2
POWER CORD: GAGE; LENGTH	A.W.G. 16/3; 33' (10 m), STOW w/ NEMA Plug		A.W.G. 16/4; 33' (10 m), STOW	
MOTOR PROTECTION	IP 68, OVERLOAD REQUIRED IN CONTROL			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Available in other voltages for 50Hz

2 - Continuous duty motor - see minimum submersion depth above

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(860) 631-3618 • [www.flowsolutions.com](http://www.flowsolutions.com)



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# PERFORMANCE CURVE

## BJM Pumps® BIC 32-2-037

Dwg:

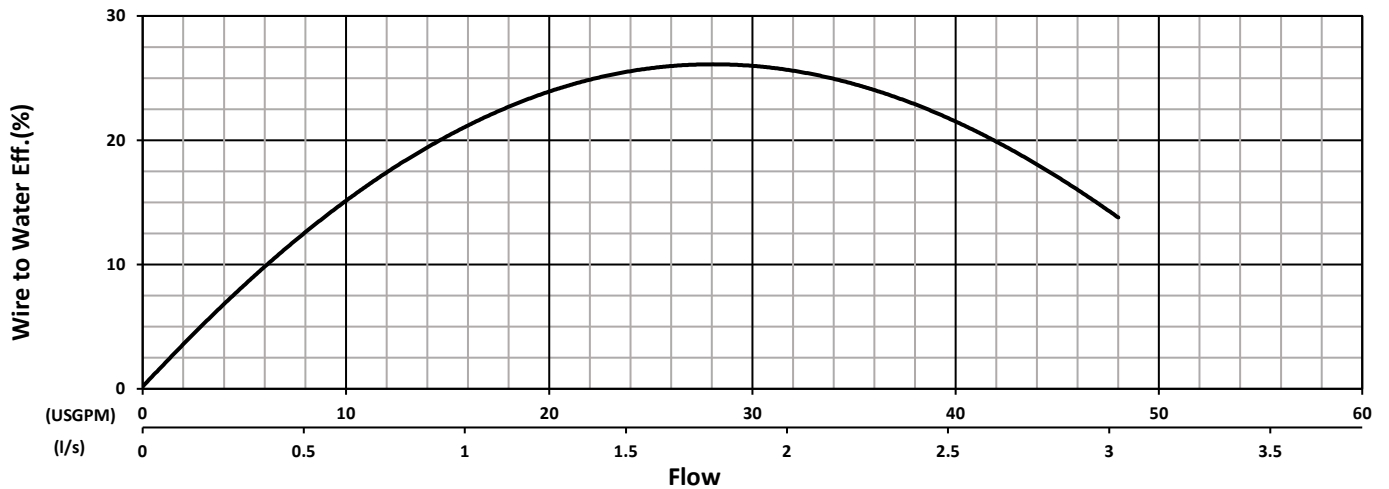
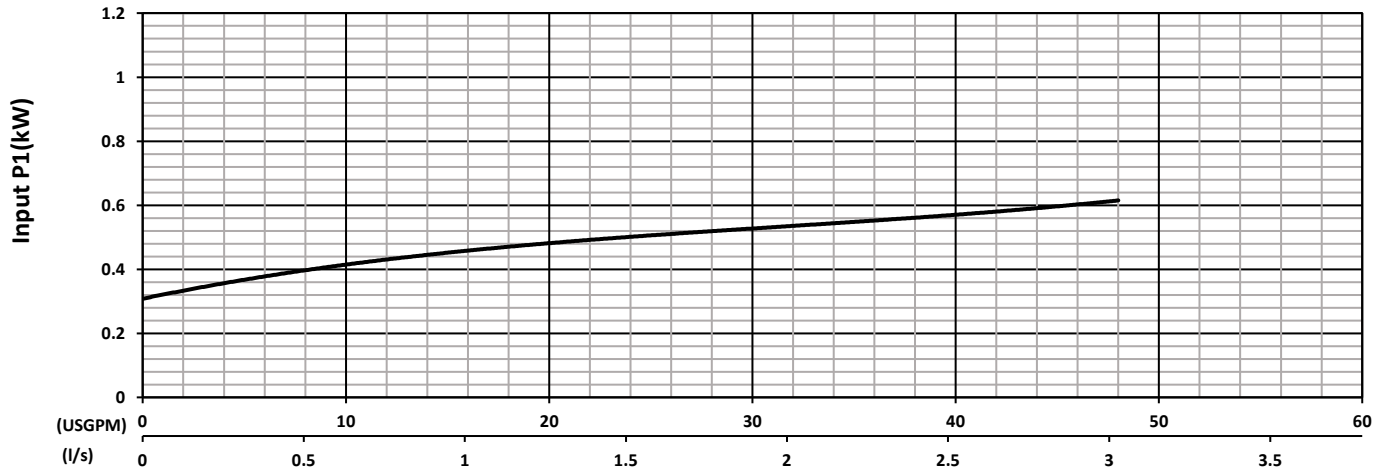
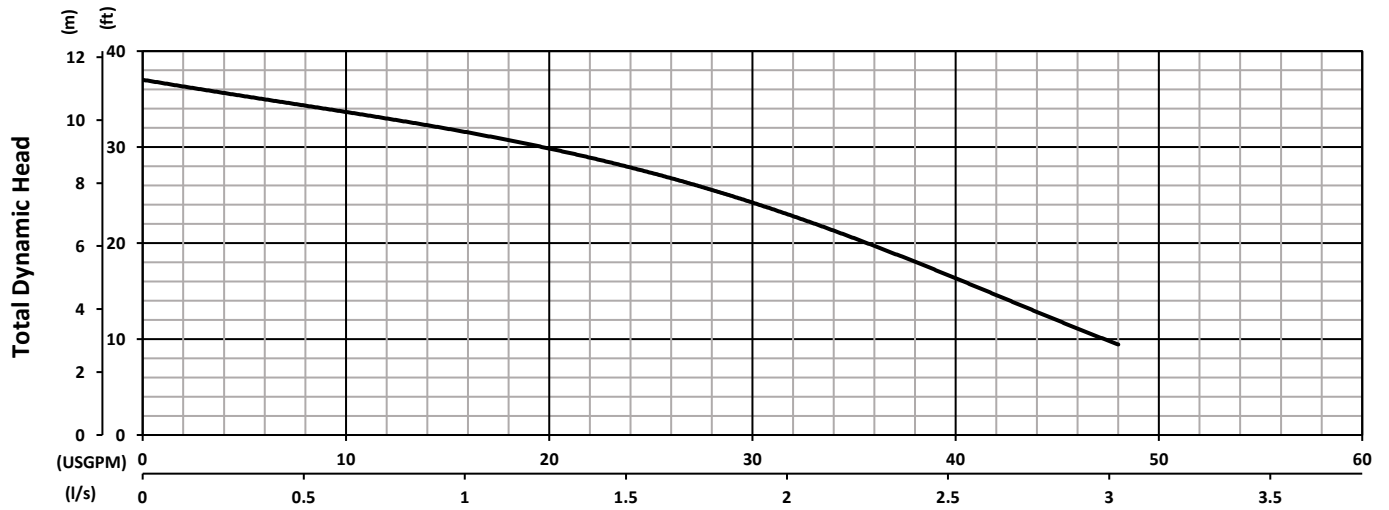
DS-C50-001

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1

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11/1/2023



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

32-2-037 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	88mm

Specifications subject to change without notice