



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps®**  
**Perfecta TIGF32 60Hz-1Ph**

Dwg:

DS-C20-011

Rev:

2

Date:

1/30/2025

## GENERAL DATA

MAX. FLOW:	45 GPM (170.3 L/min)
MAX. HEAD:	28' (8.5m)
MAX. SUBMERSION DEPTH:	32' (10m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	CHEMICAL RESISTANT DEWATERING
MINIMUM SUBMERSION DEPTH:	4" (85 mm)
SOLID SIZE:	0.25" (6.35 mm)
IMPELLER DIAMETER:	3.15" (80 mm)
DISCHARGE SIZE	1 ¼" NPT-FEMALE or 1 ½" TAPERED HOSE
PUMP WEIGHT <sup>1</sup> , without cable:	14.2 lbs (6.45 kg)
SHIPPING WEIGHT <sup>1</sup> :	17.9 lbs (8.1 kg)

## CONSTRUCTION / MATERIAL DATA

UPPER LIP SEAL <sup>2</sup>	FKM or EPDM
LOWER LIP SEAL <sup>2</sup>	FKM or EPDM
O-RINGS <sup>2</sup>	FKM or EPDM
PUMP TOP COVER	Ultramid B3 WG 7
PUMP HANDLE	Polypropylene
PUMP CASING	NORYL GTX830
IMPELLER	NORYL GTX830
SUCTION COVER	NORYL GTX830
STRAINER	PPO-PA (Polyphenylene Oxide)
FLOAT <sup>1</sup>	Hostalen PPH 7350 FL
ROTOR SHAFT	TITANIUM
EXTERNAL HARDWARE	TITANIUM
BALL BEARING: PERM. LUBE. UPPER	6001
BALL BEARING: PERM. LUBE. LOWER	6002

## ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.4	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE 1PH - 60 Hz	115V	230V
CURRENT F.L.A.	5	2.4
POWER CORD: GAGE; LENGTH	AWG 16/3, 22' (6.7m), SOOW Super Vu-Tron Jacket	
FLOAT CORD <sup>1</sup> : GAGE	AWG 16/2, SOOW Super Vu-Tron Jacket	
MOTOR PROTECTION	OVERLOAD RELAY	
MAXIMUM LIQUID TEMPERATURE	135°F (57°C)	

1 - Available with/without Float Switch

2 - Multiple elastomer configurations available (Please indicate selection when ordering)

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# PERFORMANCE CURVE

## BJM Pumps® Perfecta 60 Hz

Dwg:

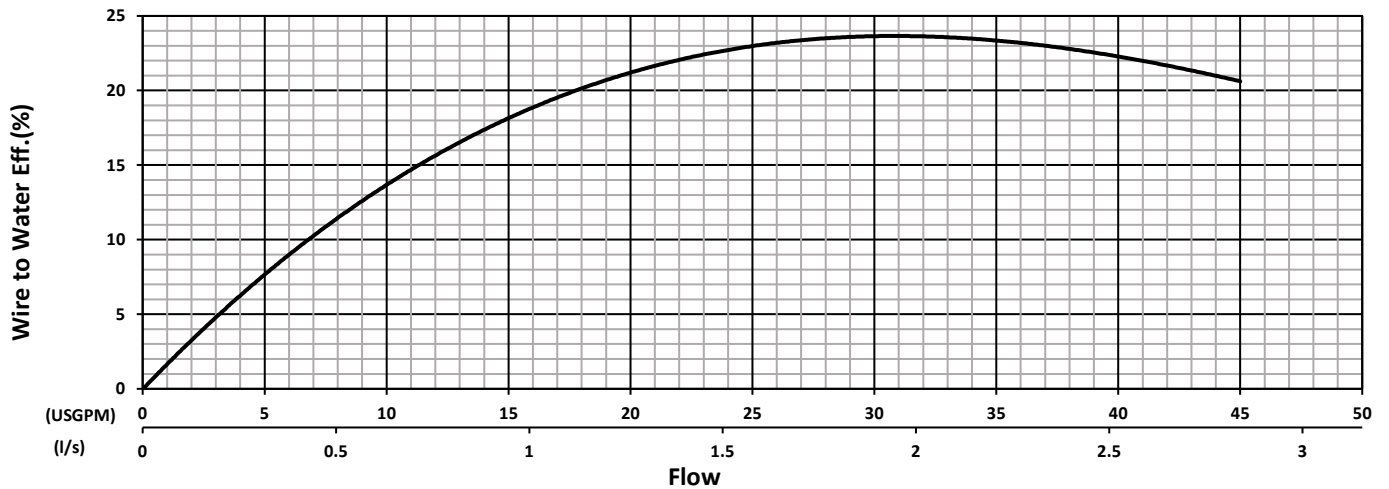
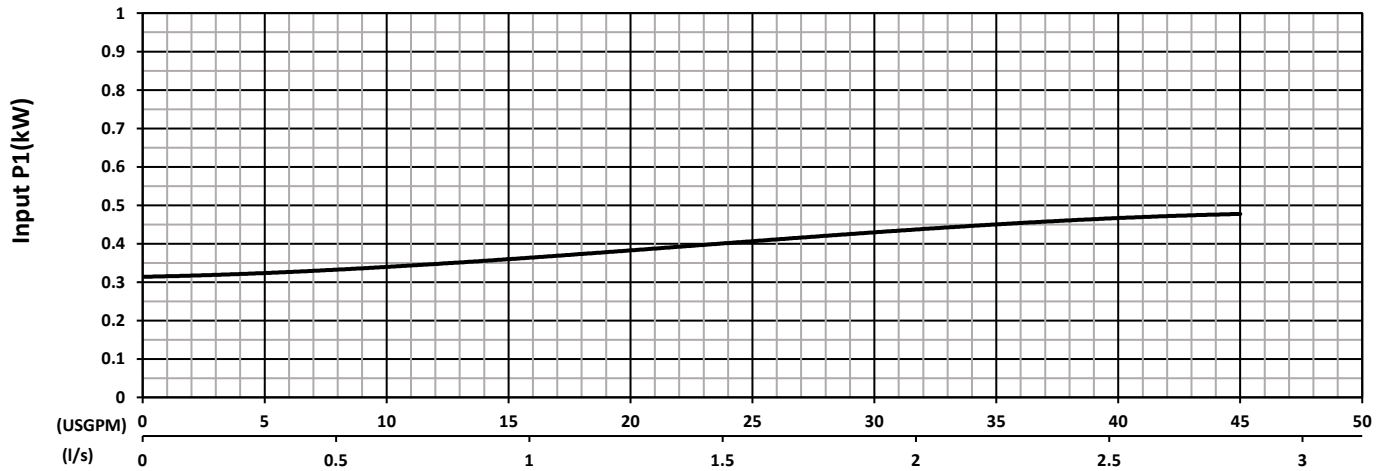
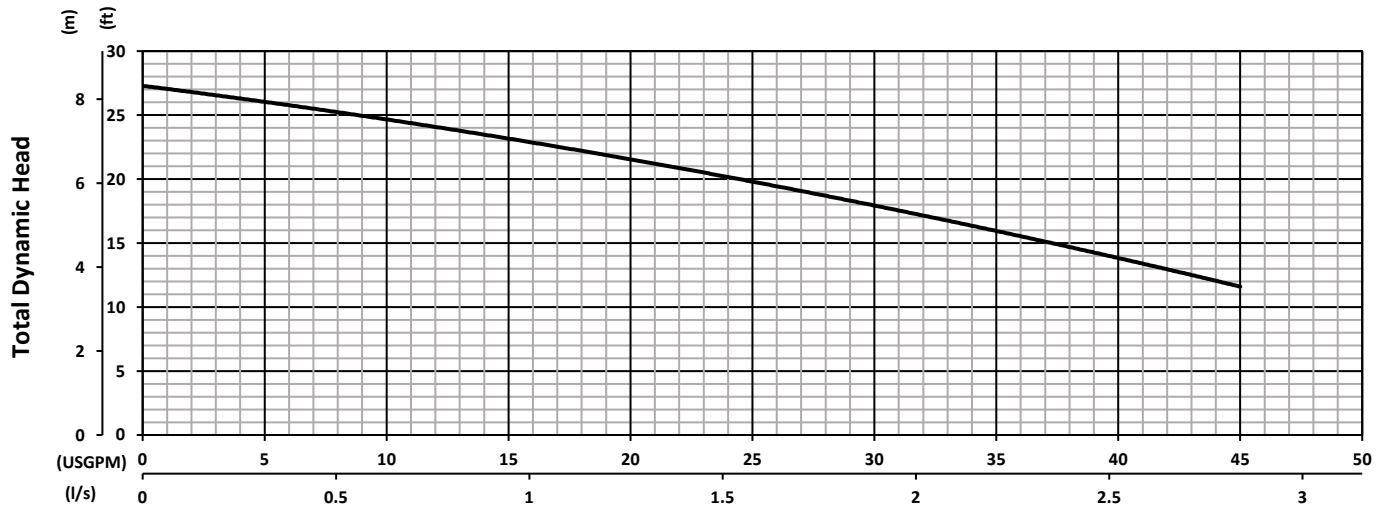
DS-C20-002

Rev:

1

Date:

9/18/2024



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

60 Hz - Dual Units

Frequency  
Pump Speed  
Impeller

60 Hz  
3450 RPM  
80mm

Specifications subject to change without notice