



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps®
Perfecta TIGF32 50Hz-3Ph

Dwg:

DS-C20-014

Rev:

1

Date:

9/19/2024

GENERAL DATA

MAX. FLOW:	45 GPM (170.3 L/min)
MAX. HEAD:	25' (7.6m)
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:	3.55" (90 mm)
DISCHARGE SIZE	1 ¼" NPT-FEMALE or 1 ½" TAPERED HOSE
PUMP WEIGHT ¹ , without cable:	17.4 lbs (7.9 kg)
SHIPPING WEIGHT ¹ :	26.7 lbs (12.12 kg)

CONSTRUCTION / MATERIAL DATA

UPPER LIP SEAL ²	FKM or EPDM
LOWER LIP SEAL ²	FKM or EPDM
O-RINGS ²	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 ¹	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	2800
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE 3PH - 50 Hz	400V
CURRENT F.L.A.	1.2
POWER CORD: GAGE; LENGTH	AWG 16/4, 22' (6.7m), SOOW Super Vu-Tron Jacket
FLOAT CORD ¹ : GAGE	AWG 16/3, 22' (6.7m), 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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INDUSTRIAL
FLOW
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PERFORMANCE CURVE

BJM Pumps® Perfecta 50 Hz

Dwg:

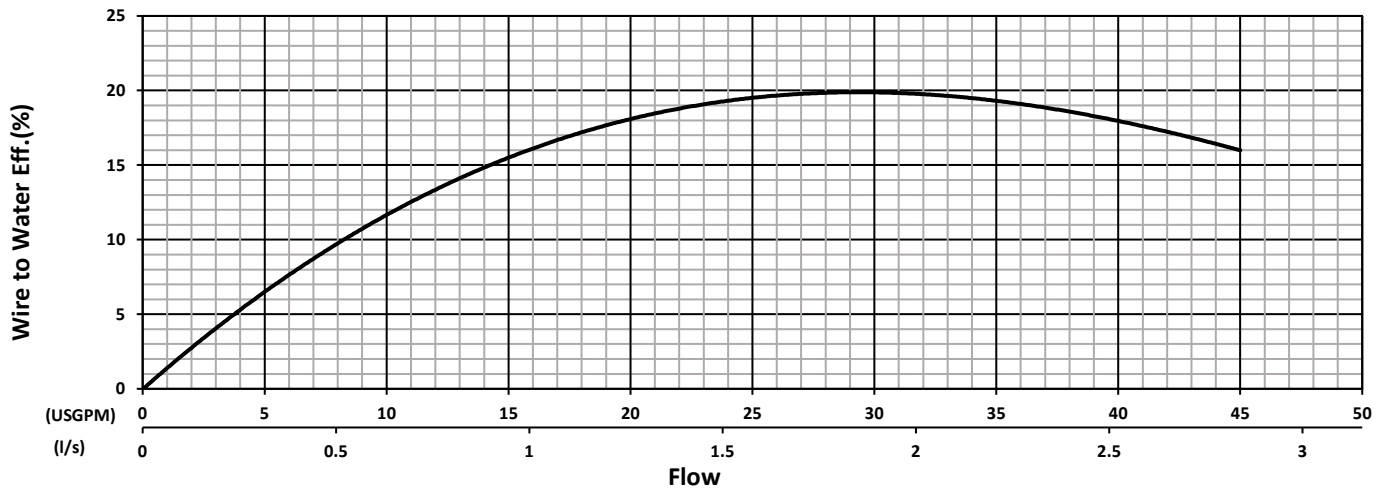
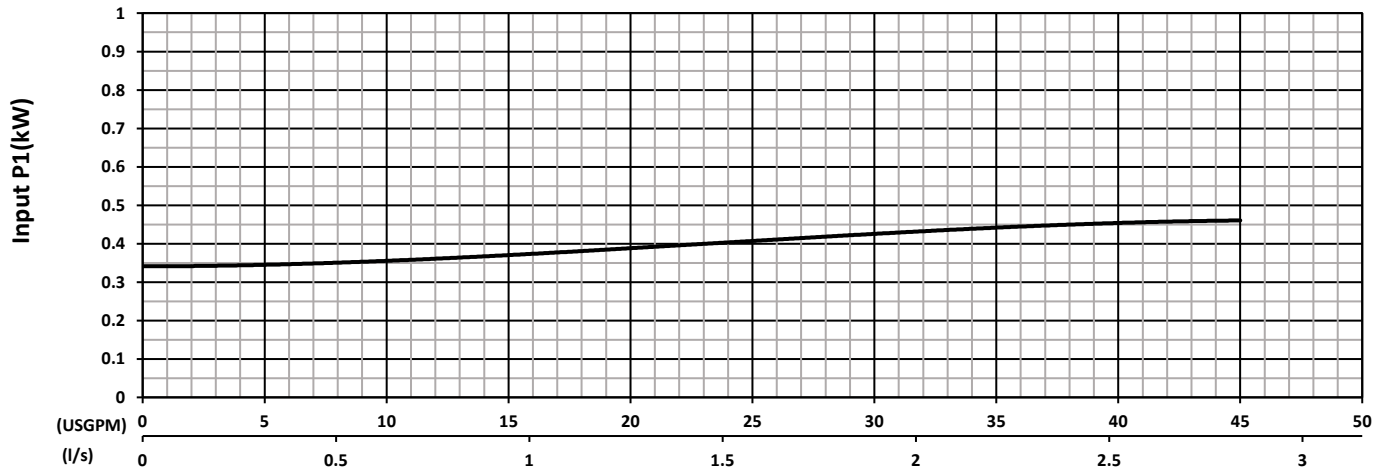
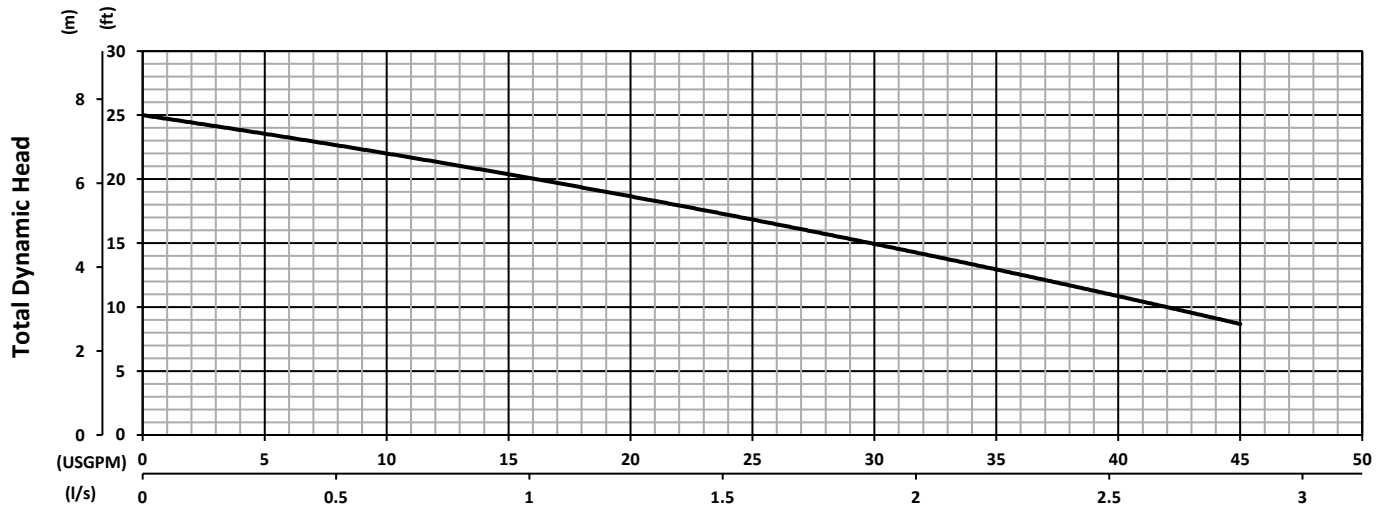
DS-C20-002

Rev:

1

Date:

9/18/2024



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

50 Hz - Dual Units

Frequency
Pump Speed
Impeller

50 Hz
3450 RPM
90mm

Specifications subject to change without notice