

**Dwg:**

DS-C02-011

**Rev:**

1

**Date:**

9/2/2025

**GENERAL DATA**

MAX. FLOW:	213 GPM (806.3 LPM)
MAX. HEAD:	93' (28.3m)
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	DEWATERING, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY <sup>3</sup> :	20" (500 mm)
SOLID SIZE:	0.37" (9.5 mm)
STRAINER OPENING:	0.37" (9.5 mm)
IMPELLER DIAMETER:	5.3" (135 mm)
DISCHARGE SIZE:	4" NPT-FEMALE
DISCHARGE CONECTION (OPTIONAL <sup>4</sup> ):	3" NPT-MALE
SLIDE RAIL SYSTEM	3" CAST IRON
PUMP WEIGHT (without cable):	97 lbs (44 kg)
SHIPPING WEIGHT:	108 lbs (49 kg)

**CONSTRUCTION / MATERIAL DATA**

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	CAST IRON
STRAINER	STEEL
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BEARING, PERM. LUBRICATED, UPPER:	6304
BEARING, PERM. LUBRICATED, LOWER:	6305

**ELECTRICAL / MOTOR DATA**

MOTOR: HP, TYPE, RATING	5, SUBMERSIBLE, (CONTINUOUS DUTY <sup>3</sup> )			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3PH - 60Hz <sup>1</sup>	208V	230V	460V	575V
CURRENT F.L.A.	14.7	14	7	5.5
LOCKED ROTOR CURRENT (LRA)	86.5	85	43	38
POWER CABLE: GAGE-LENGTH	AWG 12/4, 33' (10m) SOOW			
SENSOR CABLE: (OPTIONAL <sup>2</sup> ) GAGE-LENGTH	AWG 18/2, 33' (10m) STOW			
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
SEAL LEAK DETECTOR (OPTIONAL <sup>2</sup> )	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Available in other voltages for 50Hz

2 - Requires a seal fail circuit in control panel for warning signal.

3 - Continuous duty motor - see minimum submersion depth above.

4 - Converting to 3" discharge requires additional purchased parts &amp; will effect performance.

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INDUSTRIAL  
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# PERFORMANCE CURVE

## BJM Pumps® J37

Dwg:

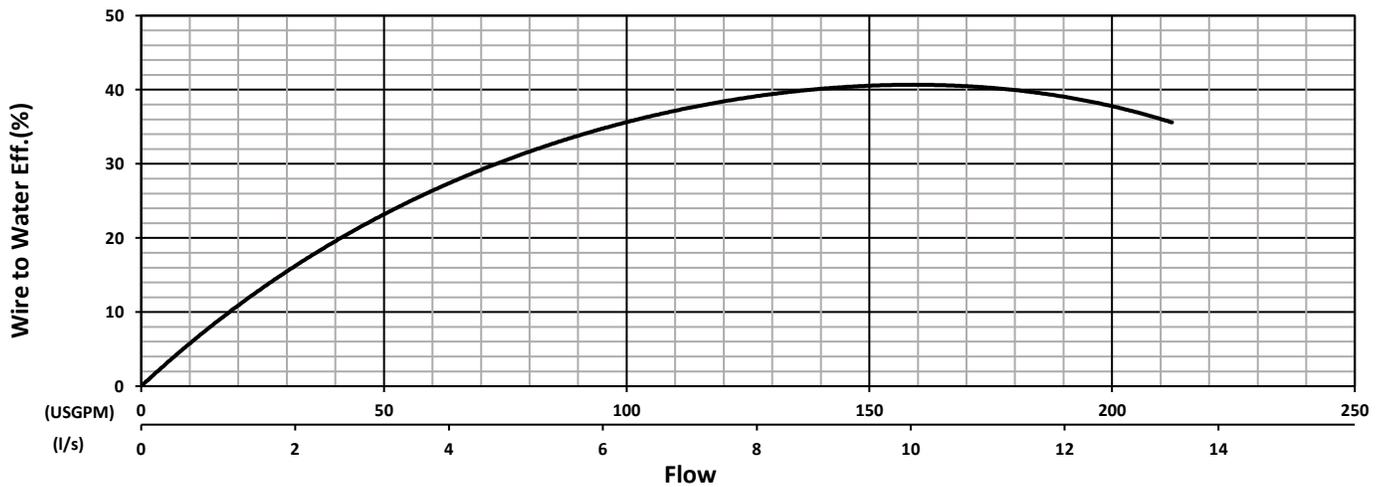
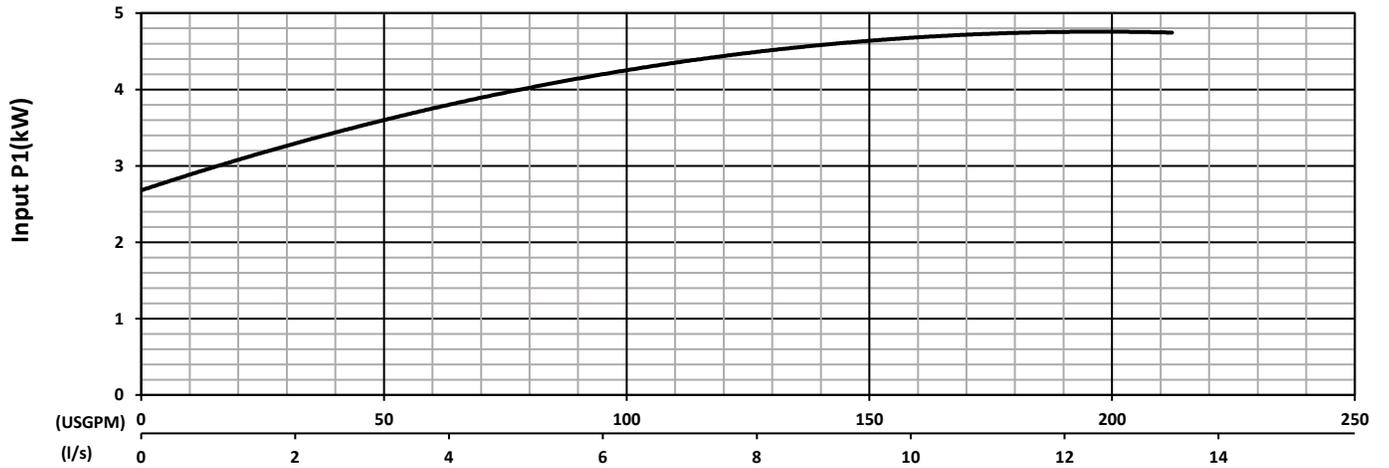
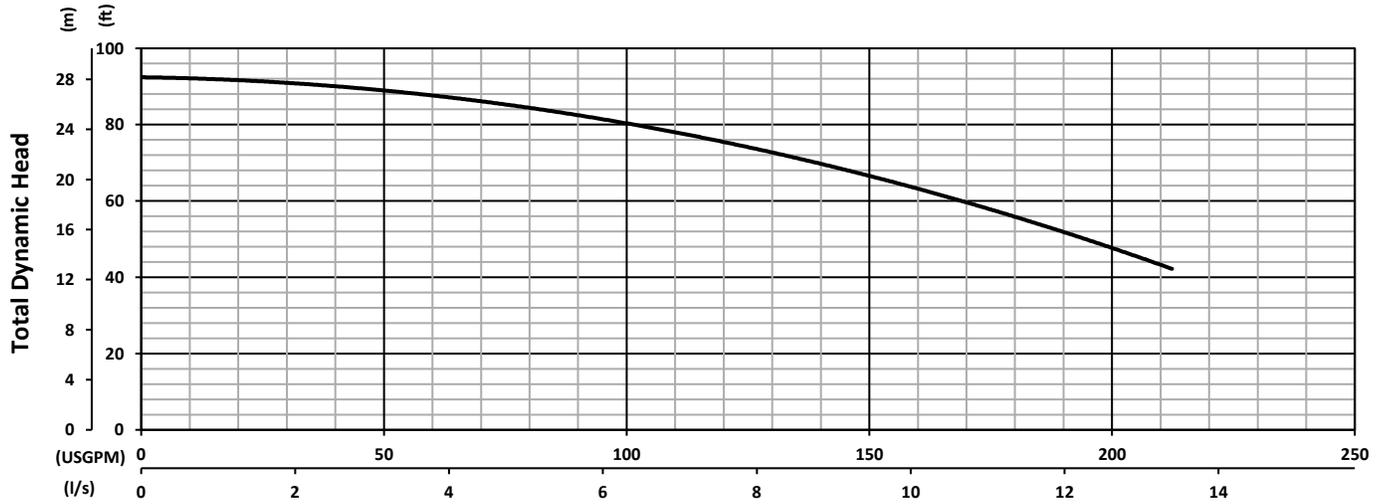
DS-C02-005

Rev:

1

Date:

6/9/2025



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

37 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	135mm

Specifications subject to change without notice