

INDUSTRIAL
FLOW
SOLUTIONS™**PERFORMANCE CURVE****BJM Pumps® GRIX 32-3-140****Dwg:**

DS-C57-007

Rev:

1

Date:

11/16/2023

GENERAL DATA

MAX. FLOW:	37 GPM (140.1 L/min)
MAX. HEAD:	122' (37.2m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	GRINDER PUMP
MINIMUM SUBMERSION DEPTH:	17" (421 mm)
IMPELLER DIAMETER:	5.52" (140 mm)
DISCHARGE SIZE	1.25" NPS FEMALE & DN32 PN6 FLANGE
PUMP WEIGHT, without cable:	61.7 lbs (28 kg)
SHIPPING WEIGHT:	62.8 lbs (28.5 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL	SILICON CARBIDE/CERAMIC FKM
MOTOR CASING	CAST IRON, EN 1561 EN-GJL-200
PUMP VOLUTE	CAST IRON, EN 1561 EN-GJL-200
IMPELLER	CAST IRON, EN 1561 EN-GJL-200
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	STAINLESS STEEL AISI 420
EXTERNAL HARDWARE	STAINLESS STEEL A2-70
OIL IN SEAL CHAMBER: TYPE; QTY.	Q8 WF15; 18.2 U.S. FL. OZ. (537 C.C.)
BALL BEARINGS: PERM. LUBE. UPPER	6202-2Z
BALL BEARINGS: PERM. LUBE. LOWER	6302-2Z

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 2 (CONTINUOUS DUTY ²)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
PHASE	THREE	
VOLTAGE ¹ - 60 Hz	230V	460V
CURRENT F.L.A.	6.8	3.4
LOCKED ROTOR CURRENT (LRA)	36.1	18.1
POWER CORD: GAGE; LENGTH	A.W.G. 14/4; 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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PERFORMANCE CURVE

BJM Pumps® GRIX 32-2-140

Dwg:

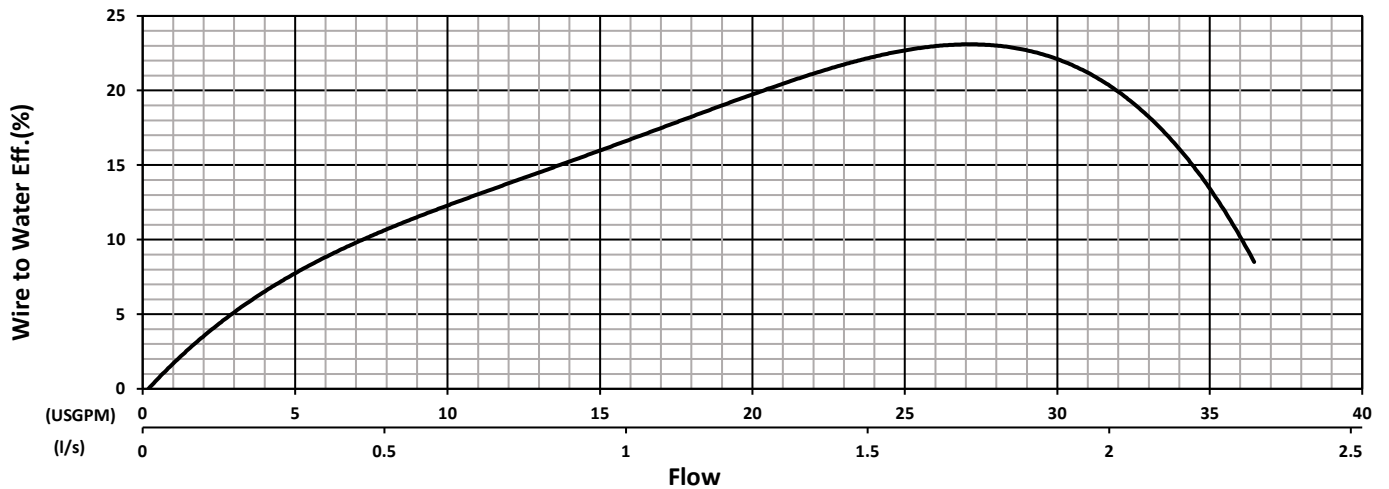
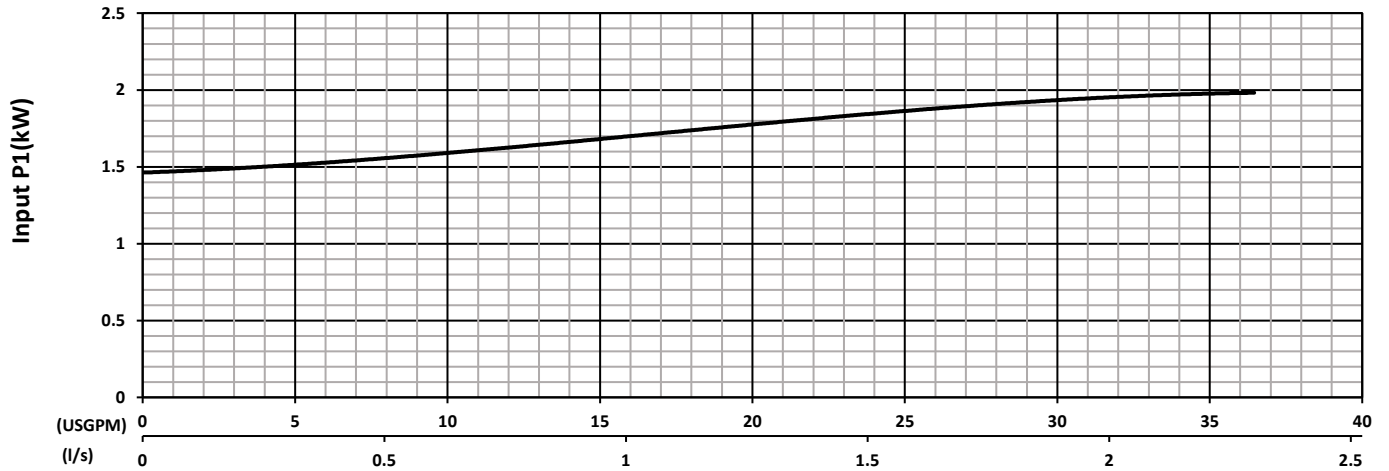
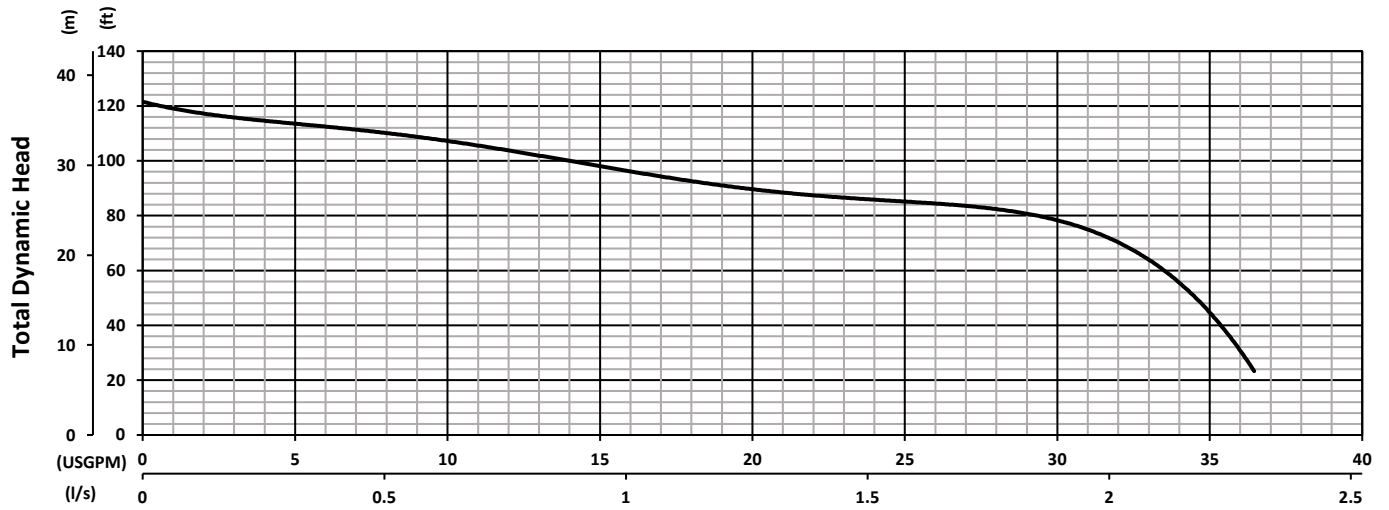
DS-C57-003

Rev:

1

Date:

11/8/2023



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

32-2-140 - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 140mm

Specifications subject to change without notice