

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KHD110		
	Dwg:	DS-C12-021	Rev:	1	Date:	6/23/2025

GENERAL DATA

MAX. FLOW:	179 GPM (677.5 L/min)
MAX. HEAD:	226' (68.8m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	DEWATERING TOP DISCHARGE
MINIMUM SUBMERSION DEPTH:	7" (200 mm)
SOLID SIZE:	0.32" (8 mm)
IMPELLER DIAMETER:	7.87" (200 mm)
DISCHARGE SIZE	3" ANSI (SLIP ON FLANGE)
PUMP WEIGHT (<i>without cable</i>):	362 lbs (164 kg)
SHIPPING WEIGHT:	390 lbs (177 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE FKM
MOTOR CASING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEARPLATE	DUCTILE IRON
AGITATOR	HI-CHROME
IMPELLER	HI-CHROME
STRAINER	STEEL
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	403SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. LOWER	6307
BALL BEARING: PERM. LUBE. LOWER	7309 TANDEM DESIGN

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	15, SUBMERSIBLE, (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 60 Hz	460V	575V
CURRENT F.L.A.	19.5	15.5
LOCKED ROTOR CURRENT (LRA)	113	89
POWER CABLE: GAGE; LENGTH	AWG 8/4, 50' (15m), GGC	
SENSOR CABLE (OPTIONAL ²): GAGE; LENGTH	AWG 14/4, 50' (15m), SOOW	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 302°F (150°C)	
SEAL LEAK DETECTOR ² (OPTIONAL)	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

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INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps KHD110

Dwg:

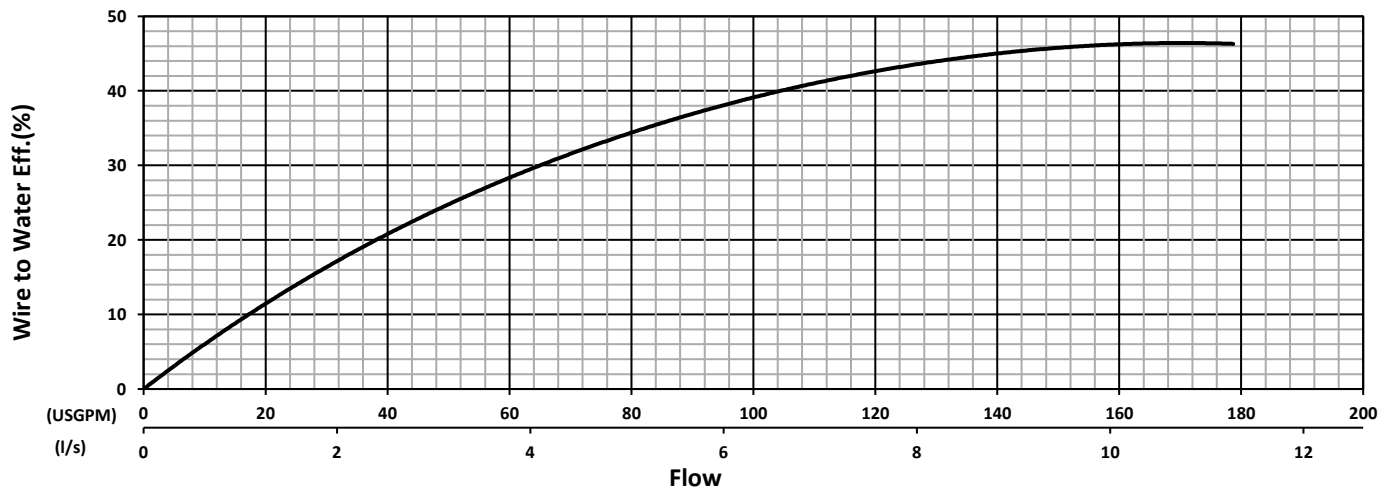
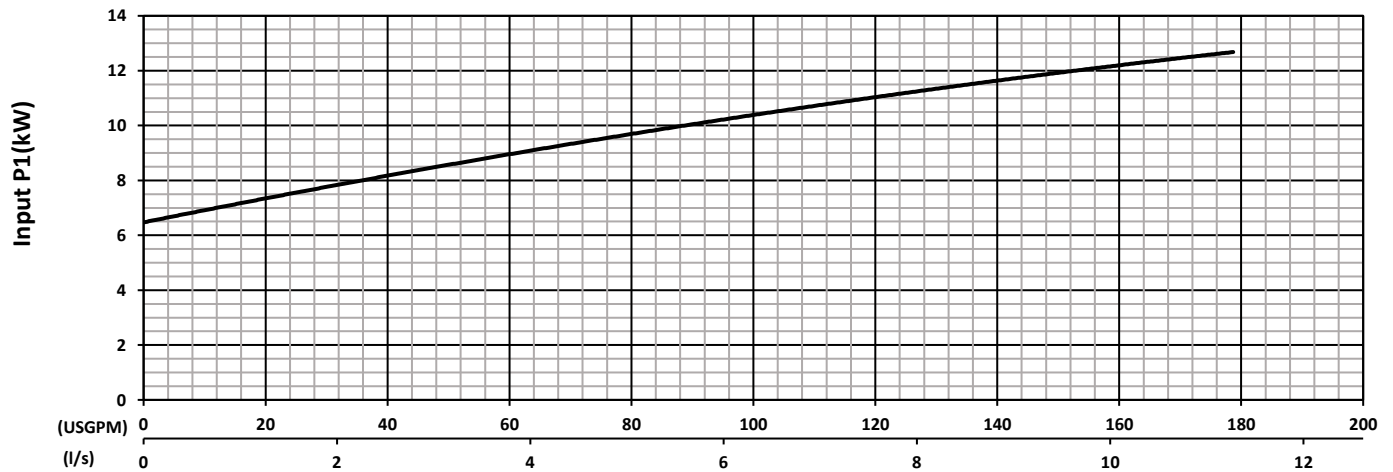
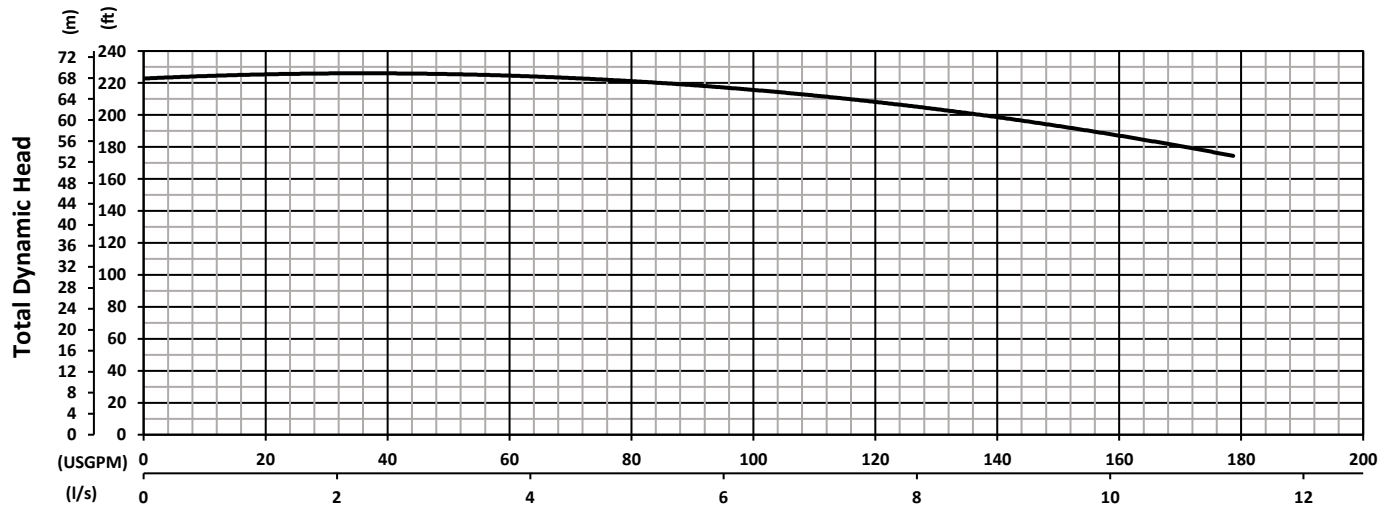
DS-C12-020

Rev:

1

Date:

6/20/2025



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

110 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
200mm

Specifications subject to change without notice