

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KB110H		
	Dwg:	DS-C10-012	Rev:	1	Date:	8/15/2025

GENERAL DATA

MAX. FLOW:	349 GPM (1321.1 L/min)
MAX. HEAD:	171' (52.1m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	DEWATERING/LIGHT SLURRY TOP DISCHARGE
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY ³	30" (762 mm)
PUMP DOWN WATER LEVEL:	8.12" (206 mm)
SOLID SIZE:	0.4" (10 mm)
IMPELLER DIAMETER:	7.1" (181 mm)
DISCHARGE SIZE	4" NPT-MALE
PUMP WEIGHT (without cable):	331 lbs (150 kg)
SHIPPING WEIGHT:	428 lbs (194 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	HI-CHROME
STAND	STEEL
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6309

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	15, SUBMERSIBLE , (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 60Hz ¹	460V	575V
CURRENT F.L.A.	18.7	13.7
LOCKED ROTOR CURRENT (LRA)	165	96
POWER CABLE: GAGE-LENGTH	AWG 8/5, 50' (15m) SOOW	
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 50' (15m) SOOW	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR (OPTIONAL ²)	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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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® KB110H

Dwg:

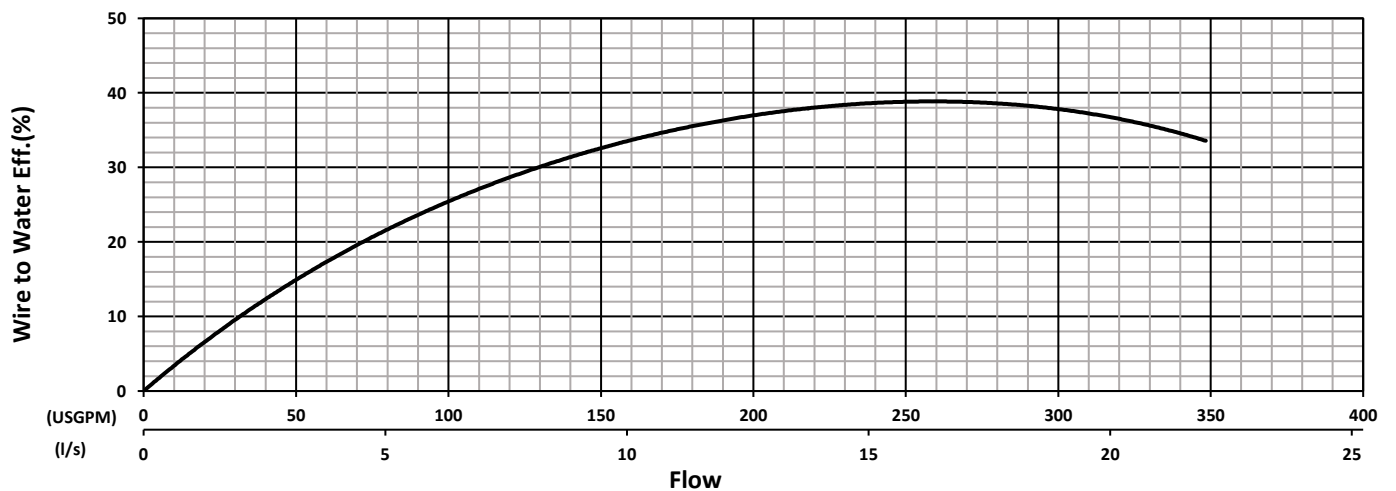
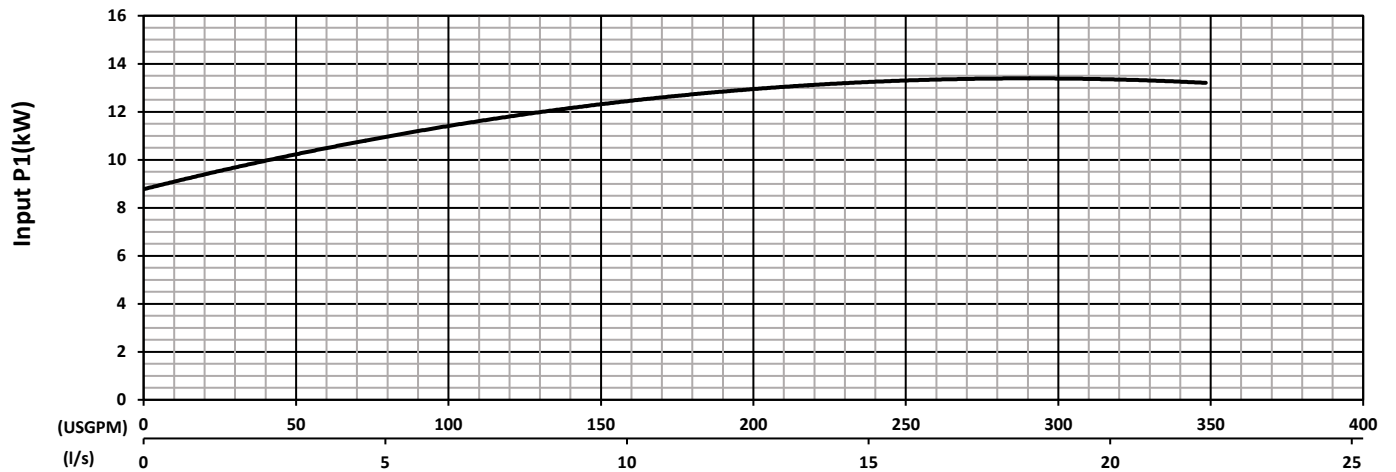
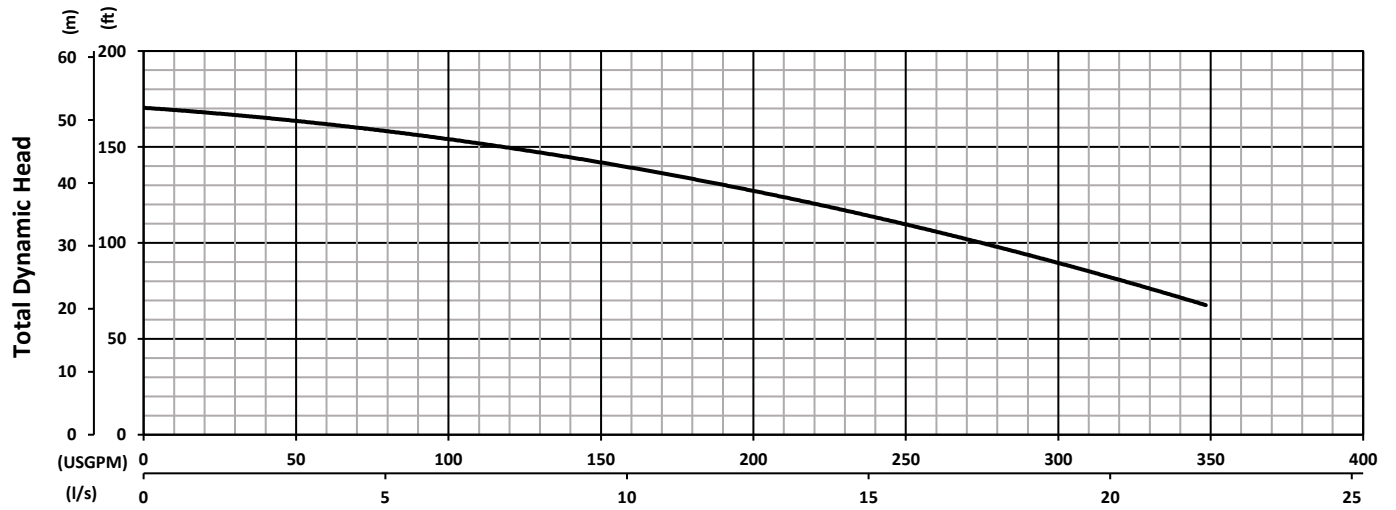
DS-C10-008

Rev:

1

Date:

6/20/2025



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

110H - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 181mm

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