

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KB220		
	Dwg:	DS-C10-005	Rev:	3	Date:	3/12/2026

GENERAL DATA

MAX. FLOW:	748 GPM (2831.4 L/min)
MAX. HEAD:	174' (53m)
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	40.6" (1031 mm)
PUMP DOWN WATER LEVEL:	10.83" (275 mm)
SOLID SIZE:	1" (25 mm)
IMPELLER DIAMETER:	7.1" (180 mm)
DISCHARGE SIZE	6" NPT-MALE
PUMP WEIGHT (without cable):	549 lbs (249 kg)
SHIPPING WEIGHT:	615 lbs (279 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	6309/7309 TANDEM DESIGN

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	30, 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.	32	25.6
LOCKED ROTOR CURRENT (LRA)	165	132
POWER CABLE: GAGE-LENGTH	AWG 4/5, 50' (15m) SOOW	
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 16/4, 50' (15m) SOOW	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR 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® KB220

Dwg:

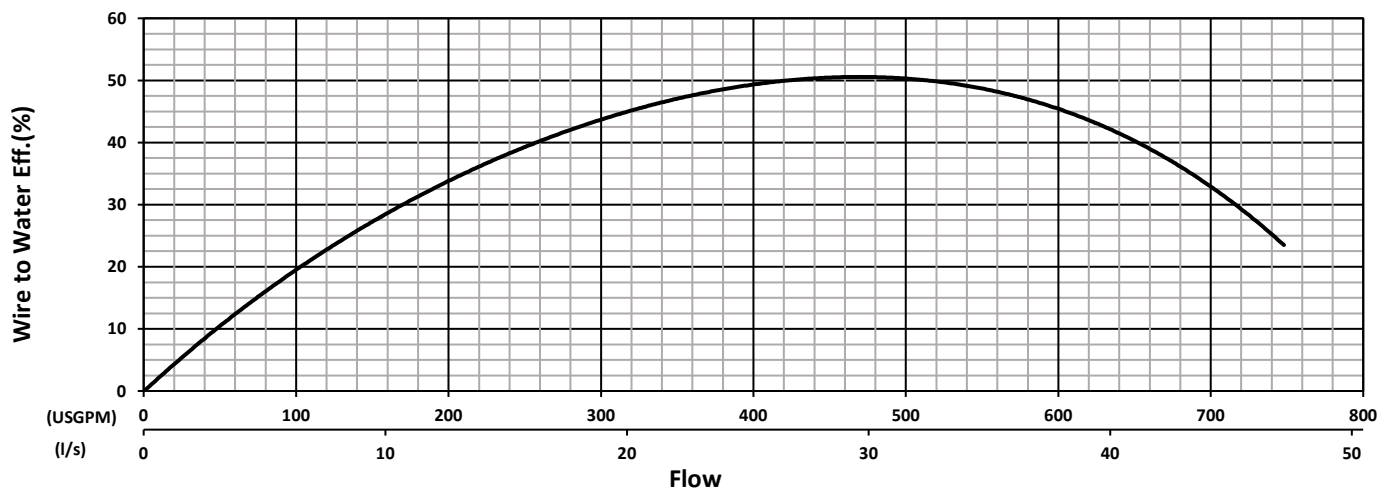
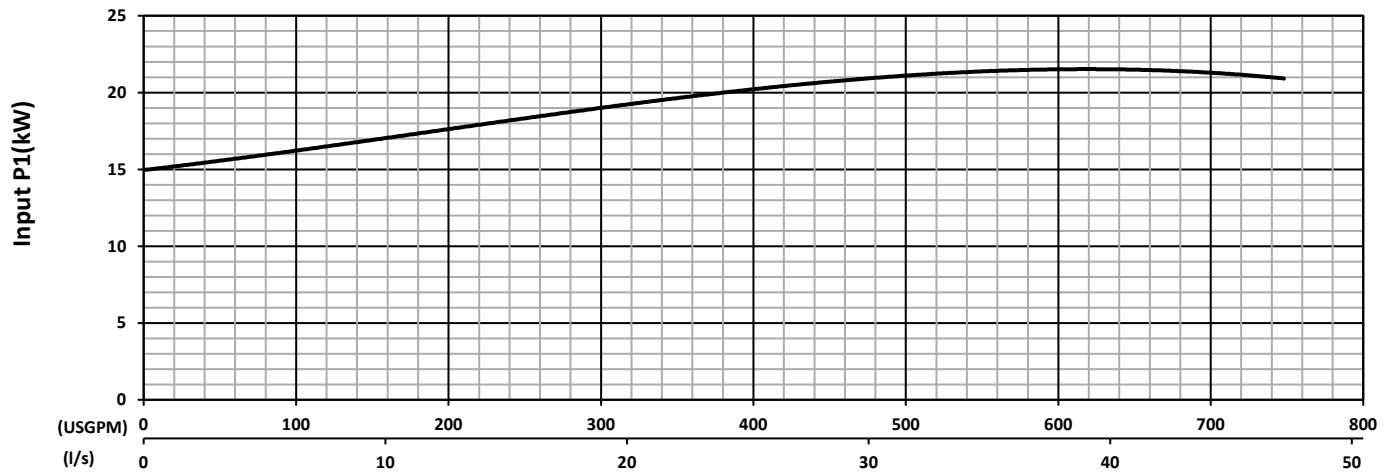
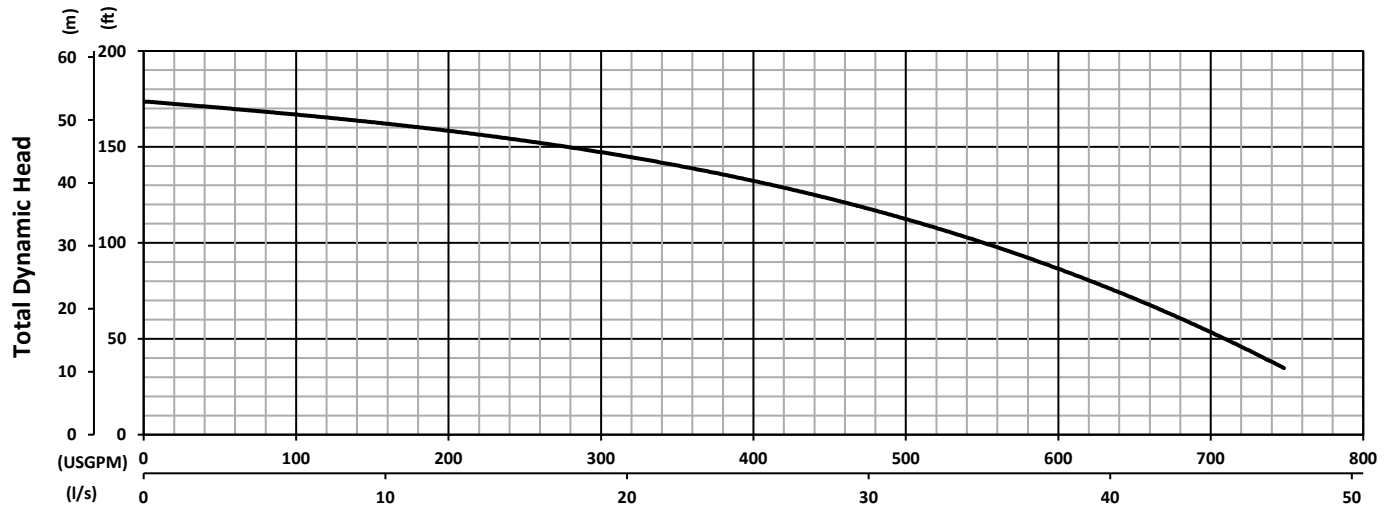
DS-C10-004

Rev:

1

Date:

8/19/2024



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

220 - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 180mm

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