



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® KHD220**

**Dwg:**

DS-C12-018

**Rev:**

1

**Date:**

6/23/2025

## GENERAL DATA

MAX. FLOW:	355 GPM (1343.8 L/min)
MAX. HEAD:	253' (77.1m)
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" (202 mm)
SOLID SIZE:	0.24" (6 mm)
IMPELLER DIAMETER:	7.68" (195 mm)
DISCHARGE SIZE	4" ANSI (SLIP ON FLANGE)
PUMP WEIGHT ( <i>without cable</i> ):	701 lbs (318 kg)
SHIPPING WEIGHT:	752 lbs (341 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
WEAR PLATE	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	6309
BALL BEARING: PERM. LUBE. LOWER	7310 TANDEM DESIGN

## ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	30, SUBMERSIBLE, (CONTINUOUS DUTY <sup>3</sup> )	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE <sup>1</sup> - 60 Hz	460V	575V
CURRENT F.L.A.	37	29.5
LOCKED ROTOR CURRENT (LRA)	260	221
POWER CABLE: GAGE; LENGTH	AWG 8, 50' (15m), GGC	
SENSOR CABLE (OPTIONAL <sup>2</sup> ): 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 <sup>2</sup> (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 KHD220

Dwg:

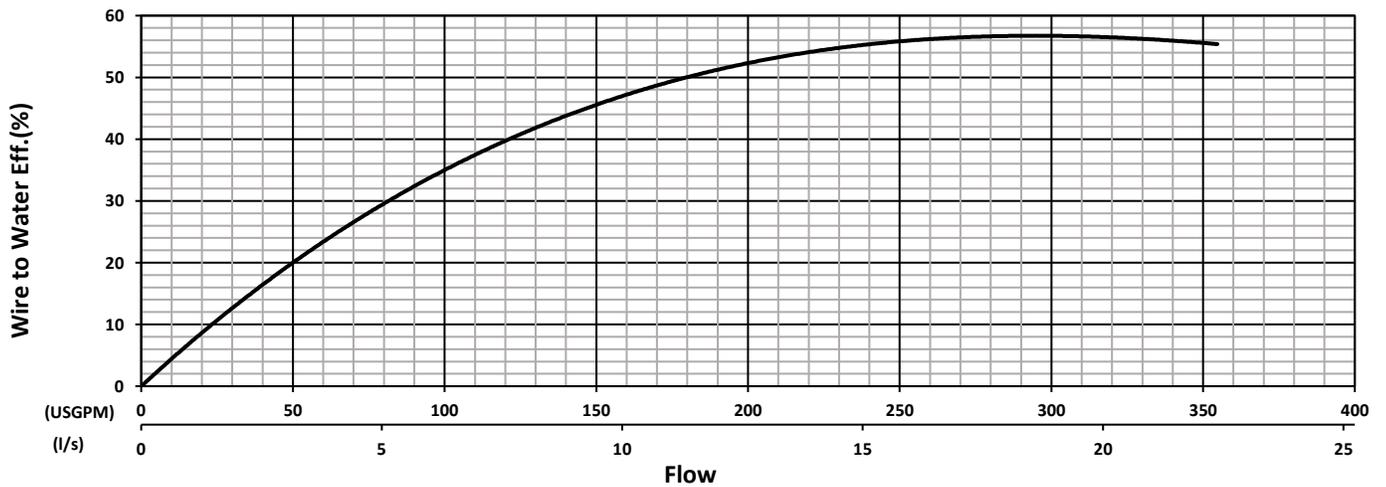
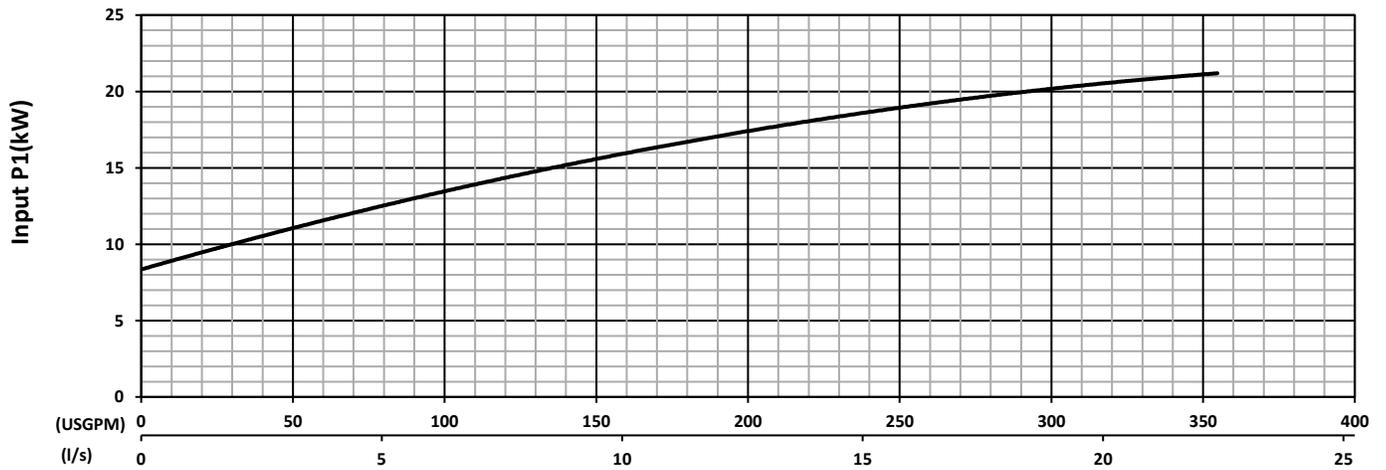
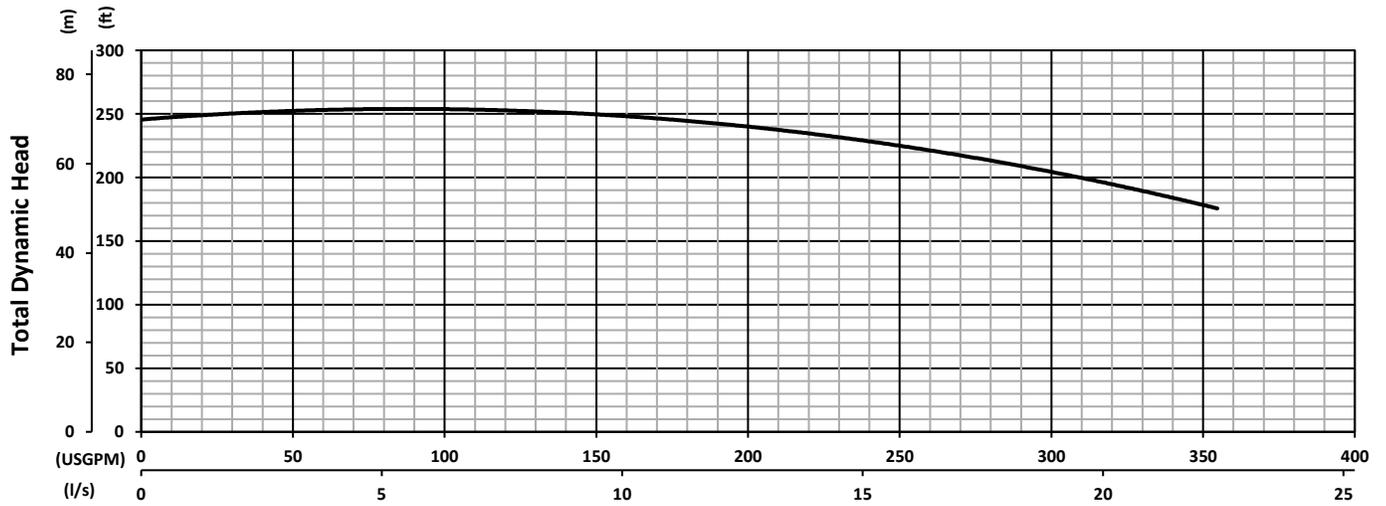
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Flow

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

220 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	202mm

Specifications subject to change without notice