

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® KHD450****Dwg:**

DS-C12-019

Rev:

1

Date:

6/23/2025

GENERAL DATA

MAX. FLOW:	547 GPM (2070.6 L/min)
MAX. HEAD:	308' (93.8m)
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:	16" (420 mm)
SOLID SIZE:	0.24" (6 mm)
IMPELLER DIAMETER:	7.67" (195 mm)
DISCHARGE SIZE	6" SLIP ON FLANGE
PUMP WEIGHT (<i>without cable</i>):	1728 lbs (784 kg)
SHIPPING WEIGHT:	1803 lbs (818 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 (OPTIONAL)	HI-CHROME
IMPELLER	HI-CHROME
STRAINER/STAND	STEEL
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	403SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: OIL LUBRICATED LOWER	NU2211
BALL BEARING: OIL LUBRICATED LOWER	7312 TANDEM DESIGN

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	60, 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.	78	62.5
LOCKED ROTOR CURRENT (LRA)	506	418
POWER CABLE: GAGE; LENGTH	AWG 6, 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, 300°F (149°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 KHD450

Dwg:

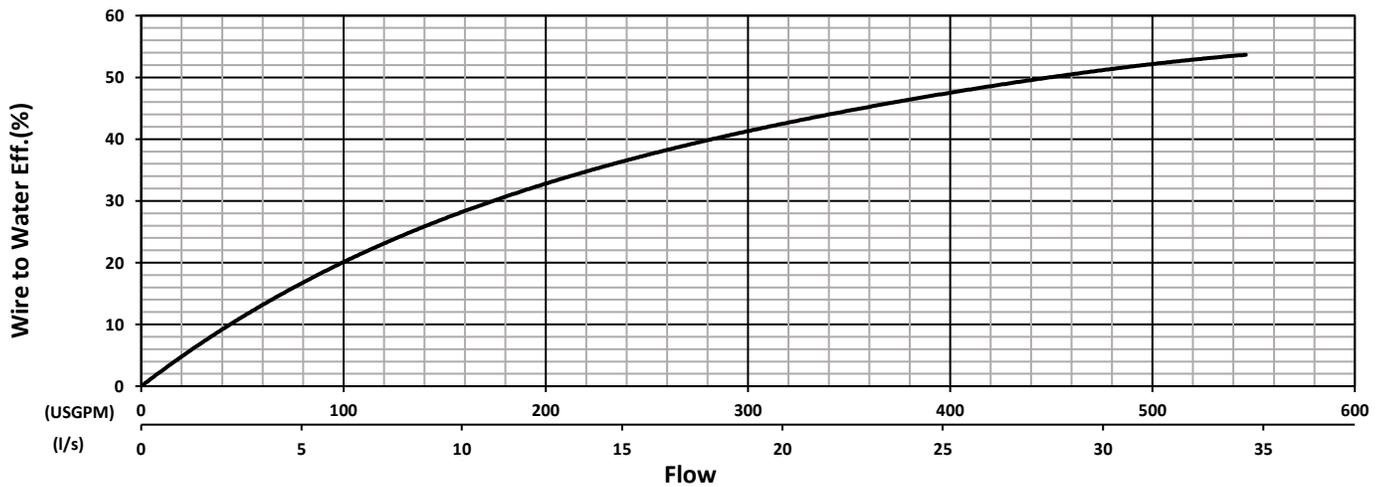
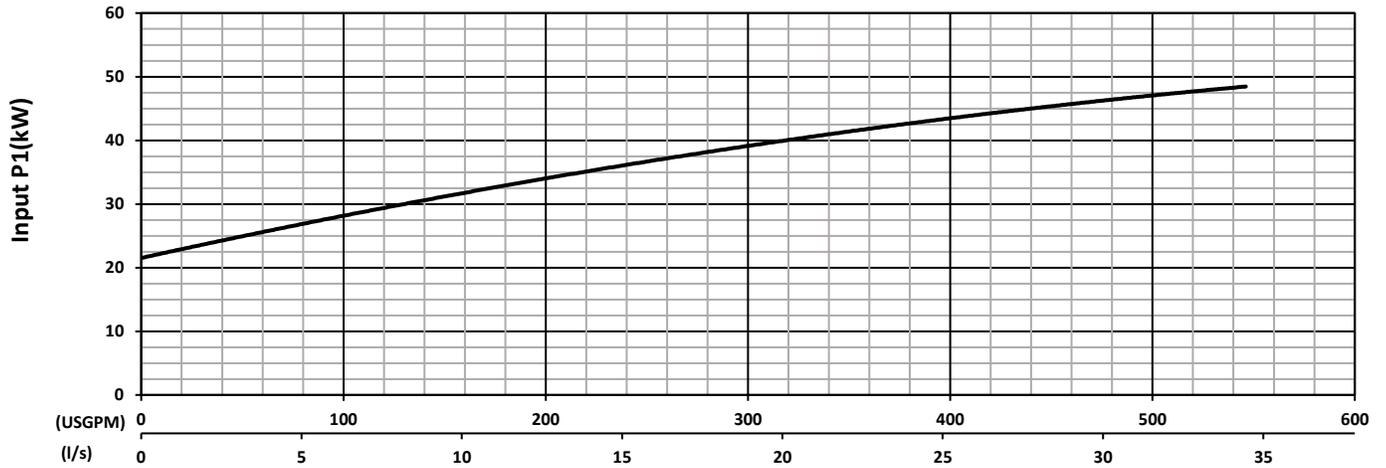
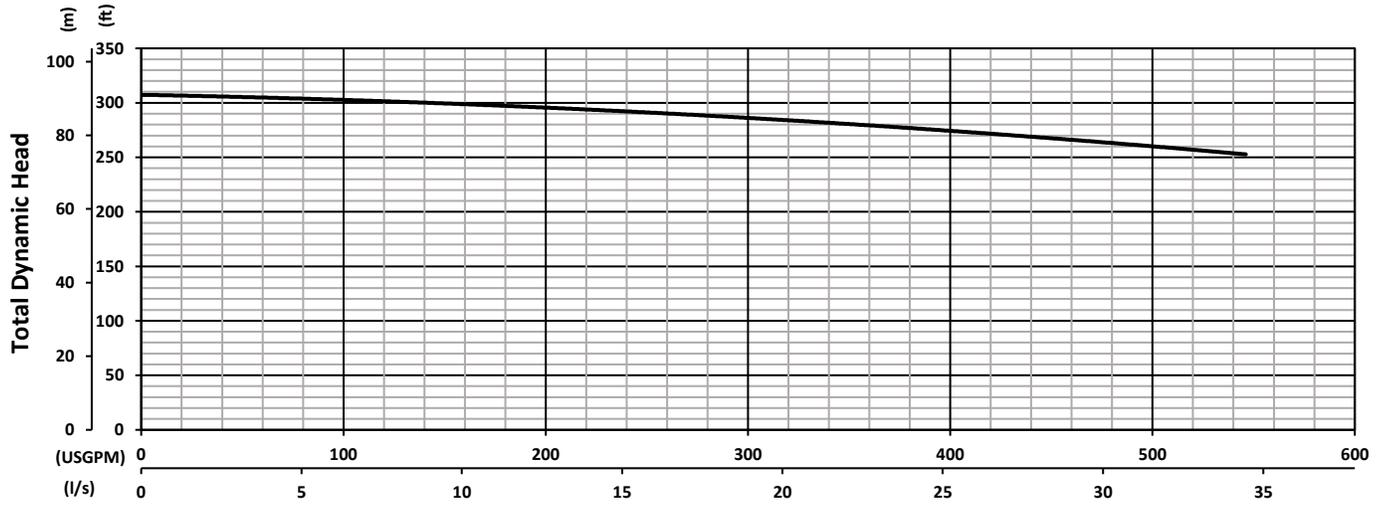
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Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

450 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	110mm

Specifications subject to change without notice