INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KHD750		
	Dwg:	DS-C12-004	Rev:	1	Date:	1/29/2024

GENERAL DATA

MAX. FLOW:	870 GPM (3293.3 L/min)
MAX. HEAD:	469' (143m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	TOP DISCHARGE, DEWATERING
MINIMUM SUBMERSION DEPTH:	46" (1168.4 mm)
SOLID SIZE:	0.3" (6 mm)
IMPELLER DIAMETER:	11.42" (290 mm)
DISCHARGE SIZE	6" 300 Lb. ANSI, Slip-On Flange
PUMP WEIGHT, without cable:	1803.4 lbs (818 kg)
SHIPPING WEIGHT:	1904.8 lbs (864 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	DUCTILE IRON
AGITATOR (OPTIONAL)	HI-CHROME
IMPELLER	CLOSED MULTI VANE, HI-CHROME
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	403 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	NU2211
BALL BEARING: PERM. LUBE. LOWER	7312 Tandem Design

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 100 (CONTINUOUS DUTY[2])	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE[1] - 60 Hz	460V	575V
CURRENT F.L.A.	120	96
LOCKED ROTOR CURRENT (LRA)	1110	730
POWER CORD: GAGE; LENGTH	A.W.G. 2/3 GGC, 50' (15.2m)	
SENSOR CORD: GAGE; LENGTH	A.W.G. 14/4; 50' (15.2m), SOOW	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 302°F (150°C)	
SEAL LEAK DETECTOR[3]	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz
2 - Continuous duty motor - see minimum submersion depth above
3 - Requires a seal fail circuit in control panel for warning signal

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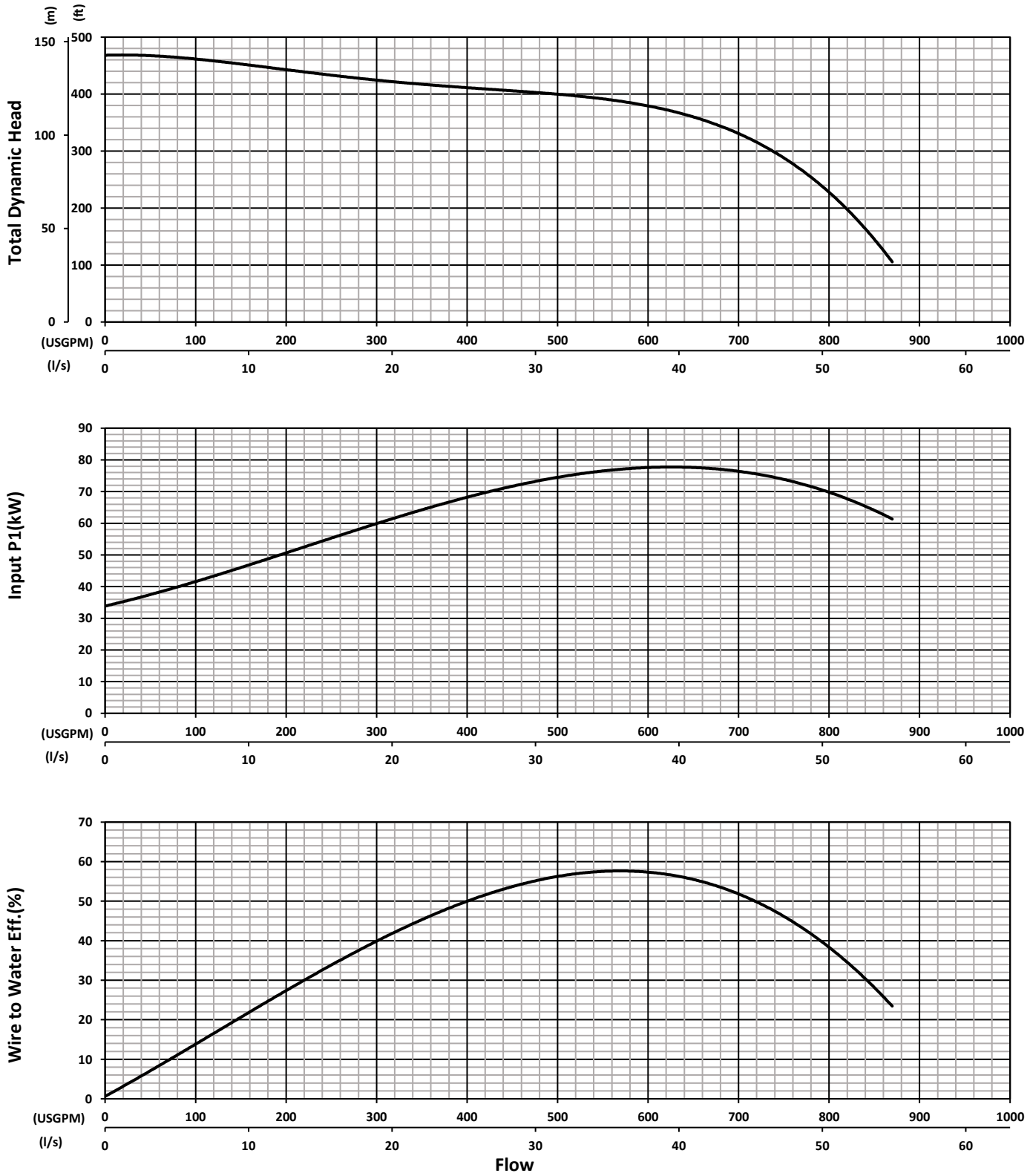
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE		BJM Pumps® KHD750		
	Dwg:	DS-C12-022	Rev:	1	Date: 1/29/2024



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

KHD750 - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	290mm

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