



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps KB75HF

Dwg:

DS-C11-002

Rev:

1

Date:

11/6/2023

GENERAL DATA

MAX. FLOW:	339 GPM (1283.3 L/min)
MAX. HEAD:	140' (42.7m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	DEWATERING, HIGH TEMPERATURE
PUMP DOWN WATER LEVEL:	8" (191 mm)
SOLID SIZE:	0.4" (10 mm)
IMPELLER DIAMETER:	6.5" (165 mm)
DISCHARGE SIZE	4" NPT MALE
PUMP WEIGHT, without cable:	276 lbs (125 kg)
SHIPPING WEIGHT:	357 lbs (162 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC - FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE - FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	MULTI VANE, HI-CHROME
STRAINER/STAND	STEEL
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	304 STAINLESS STEEL
EXTERNAL HARDWARE	304 STAINLESS STEEL
QTY. OIL IN MOTOR STATOR	OIL-FILLED W/ ISO 32, NSF FOOD GRADE MINERAL OIL
QTY. OIL IN SEAL CHAMBER	49 US FL. OZ. (1450 CC), W/ ISO 32, NSF FOOD GRADE MINERAL OIL
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6308

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, OIL-FILLED, CONTINUOUS DUTY 10	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 3 PH, 60 Hz	460V	575V
CURRENT F.L.A.	13.6	10.9
LOCKED ROTOR CURRENT (LRA)	107	86
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
POWER CORD: GAGE; LENGTH	A.W.G. 10/5; 50' (15.2 m), SOOW	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	
SEAL LEAK DETECTOR ²	Seal Minder®; MOISTURE SENSING PROBE	

1 - Available in other voltages for 50Hz

2 - Requires a seal fail circuit in control panel for warning signal

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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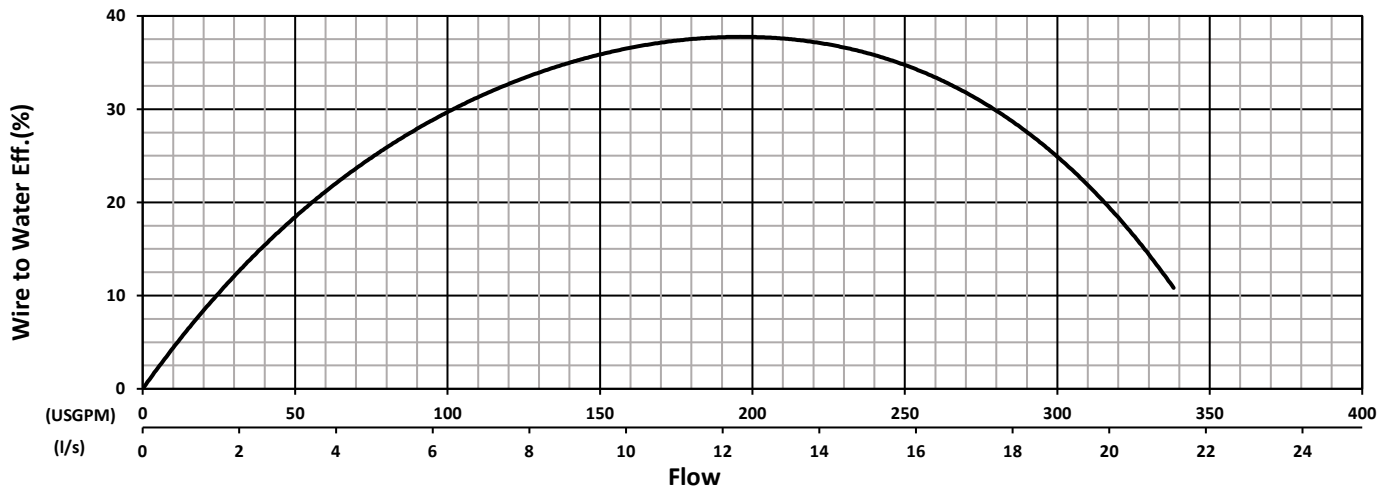
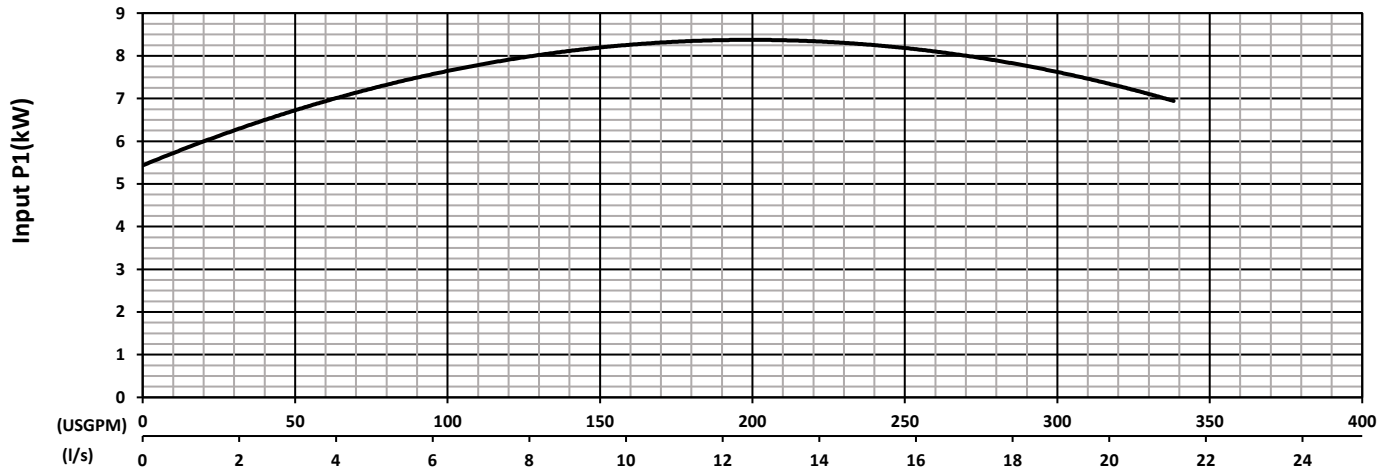
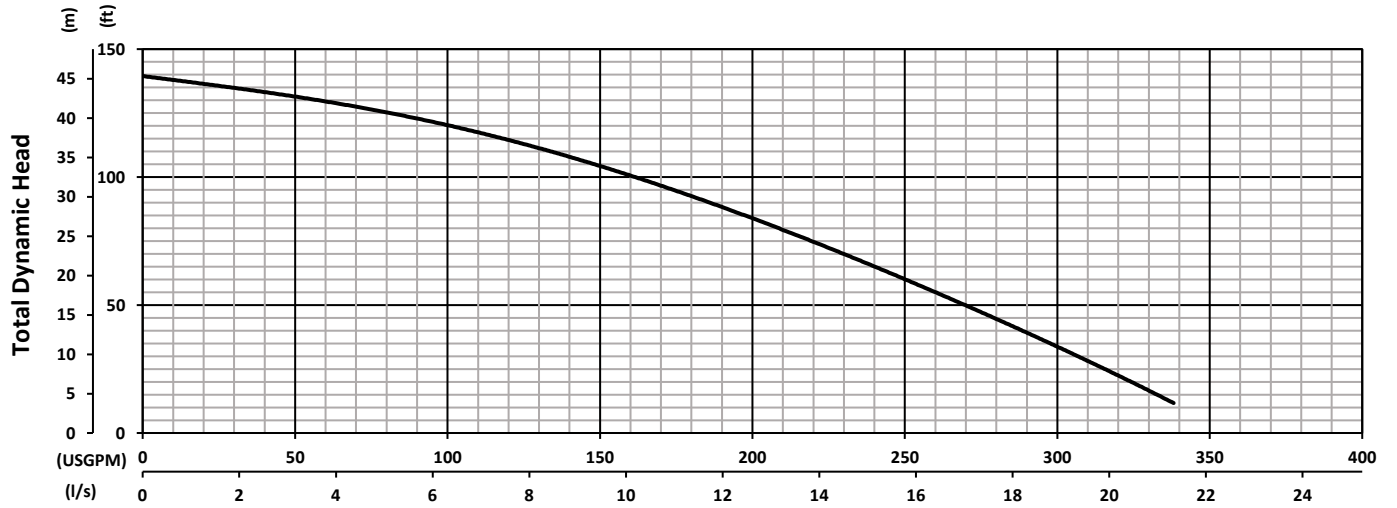
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Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

75HF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	165mm

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