

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® J75CH-F		
	Dwg:	DS-C05-003	Rev:	1	Date:	2/6/2025

GENERAL DATA

MAX. FLOW:	300 GPM (1135.6 L/min)
MAX. HEAD:	144' (43.9m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH:	18.5" (469 mm)
SOLID SIZE:	0.4" (9.5 mm)
IMPELLER DIAMETER:	6.5" (165 mm)
DISCHARGE SIZE	4" NPT FEMALE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT, without cable:	206 lbs (93.6 kg)
SHIPPING WEIGHT:	248 lbs (112.7 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR CASING	304SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	STEEL
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	304SS
EXTERNAL HARDWARE	304SS
QTY. OIL IN MOTOR STATOR	OIL-FILLED W/ ISO 32, NSF FOOD GRADE MINERAL OIL
QTY. OIL IN SEAL CHAMBER	45.6 U.S. FL.OZ. (1350 C.C.), NSF FOOD GRADE MINERAL
BALL BEARING: PERM. LUBE. UPPER	6305
BALL BEARING: PERM. LUBE. LOWER	6307 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 10 (CONTINUOUS DUTY ²)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 60 Hz	460V	575V
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	108	65
POWER CABLE: GAGE; LENGTH	AWG 10/4, 33' (10m), HIGH TEMP. RATED CORD	
SENSOR CABLE: GAGE; LENGTH ³	AWG 18/4, 33' (10m), HIGH TEMP. RATED CORD	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
SEAL LEAK DETECTOR ³	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	

1 - Available in other voltages for 50Hz

2 - Continuous duty motor - see minimum submersion depth above

3 - Requires a seal fail and thermal circuit in control panel for warning signal

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INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps J75CHF

Dwg:

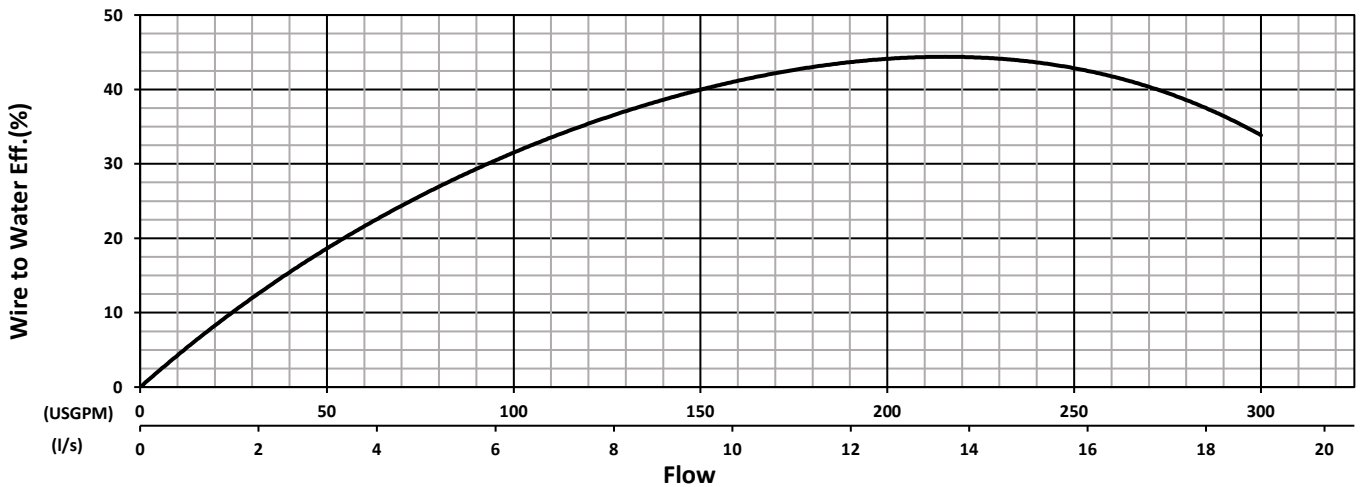
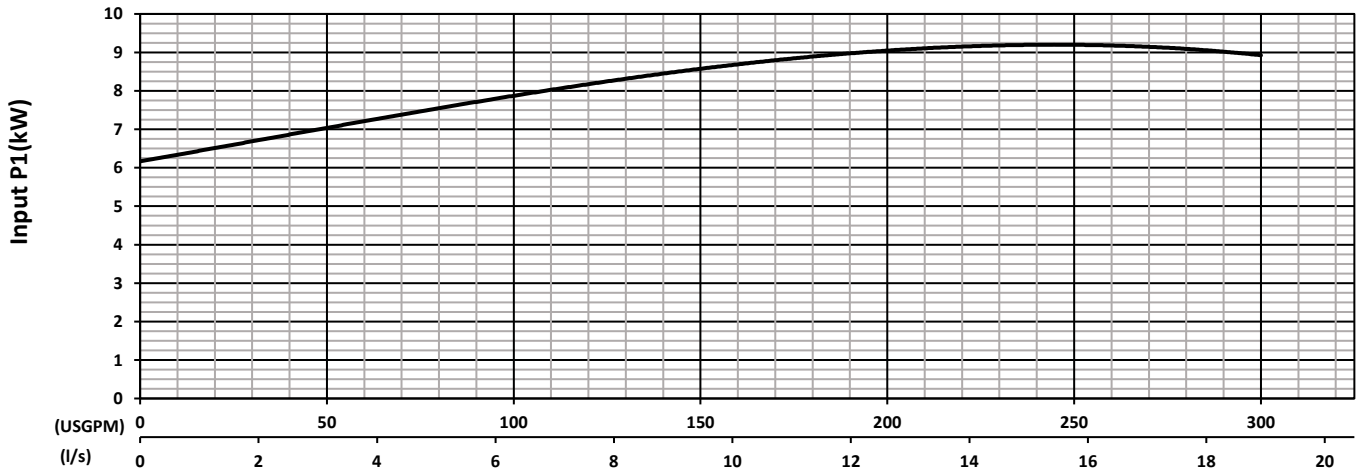
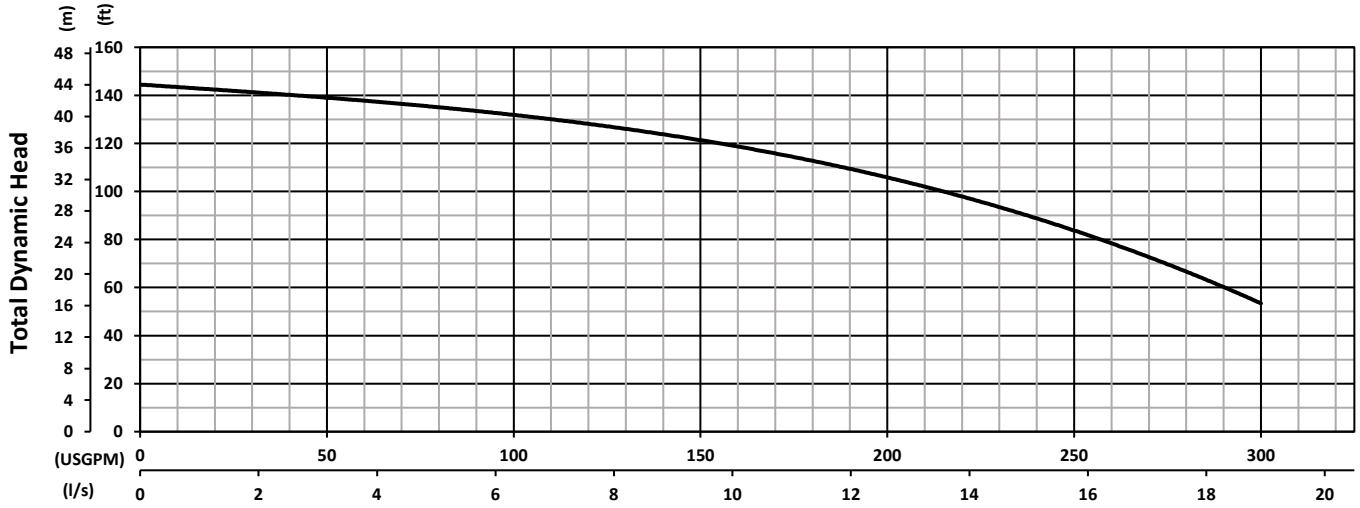
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Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

75CHF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	165mm

Specifications subject to change without notice