



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® JX75CHSS

Dwg:

DS-C08-007

Rev:

1

Date:

9/5/2025

GENERAL DATA

MAX. FLOW:	341 GPM (1290.8 LPM)
MAX. HEAD:	146' (44.5m)
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	DEWATERING, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ³ :	27.8" (704.9 mm)
PUMP DOWN WATER LEVEL:	8" (203.2 mm)
SOLID SIZE:	0.37" (9.5 mm)
STRAINER OPENING:	0.37" (9.5 mm)
IMPELLER DIAMETER:	6.5" (165 mm)
DISCHARGE SIZE:	4" NPT-FEMALE
SLIDE RAIL SYSTEM	4" STAINLESS STEEL
PUMP WEIGHT (without cable):	209 lbs (94.8 kg)
SHIPPING WEIGHT:	252 lbs (114.3 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	316 SS
PUMP VOLUTE	316 SS
IMPELLER	316 SS
STRAINER	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BEARING, PERM. LUBRICATED, UPPER:	6305
BEARING, PERM. LUBRICATED, LOWER:	6307 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	10, SUBMERSIBLE, (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3PH - 60Hz ¹	460V	575V
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	108	65
POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) SOOW	
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 33' (10m) STOW	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR (OPTIONAL ²)	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
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PERFORMANCE CURVE

BJM Pumps® JX75CHSS

Dwg:

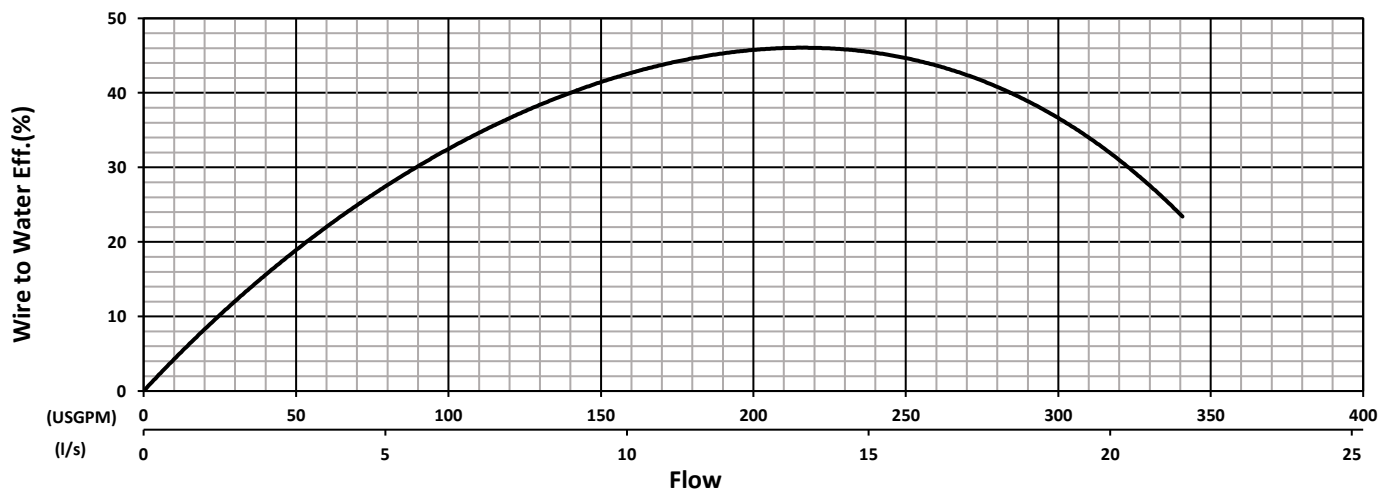
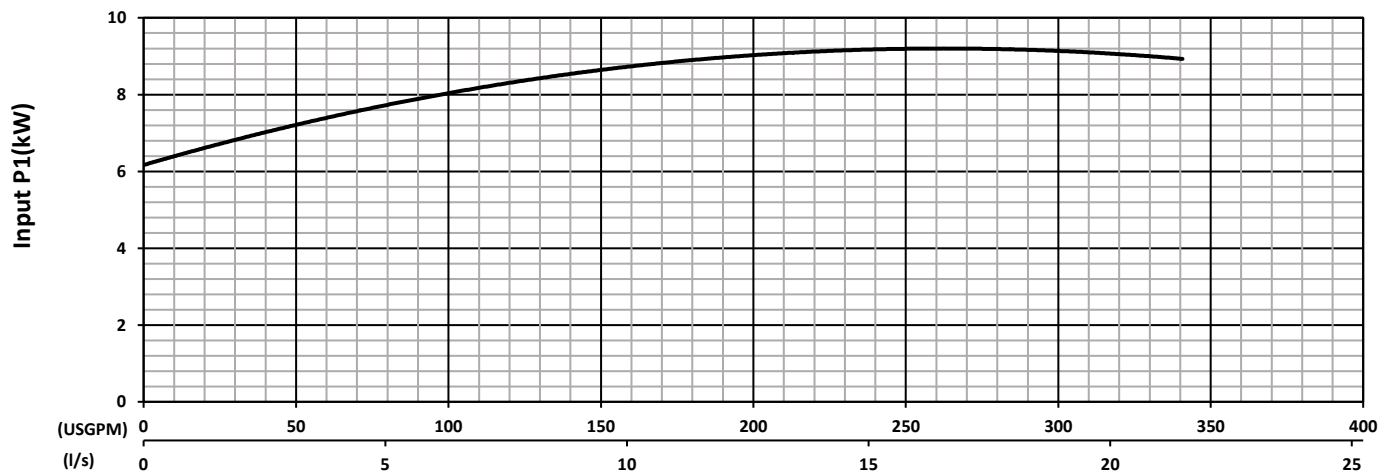
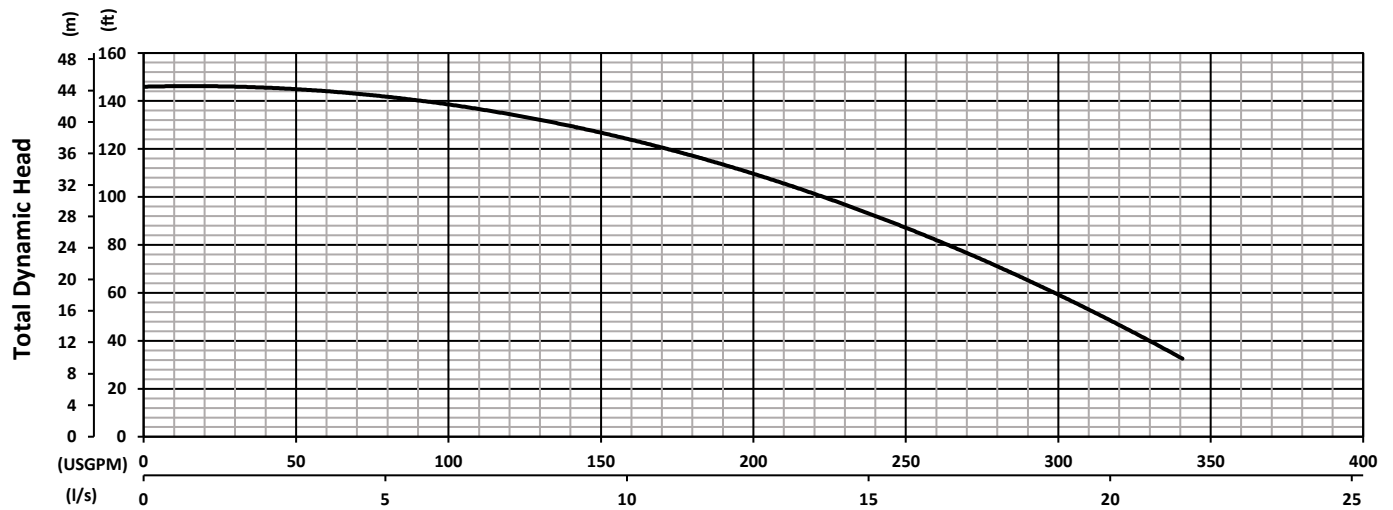
DS-C08-006

Rev:

1

Date:

7/23/2025



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

75CHSS - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 165mm

Specifications subject to change without notice