



**Dwg:**

DS-C09-011


**Rev:**

1

**Date:**

9/8/2025

**GENERAL DATA**

APPROVALS:	CSA APPROVAL (AVAILABLE UPON REQUEST)	
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, HIGH TEMP	
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY <sup>3</sup> :	18.5" (469.9 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:	3" 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
IMPELLER & VOLUTE	316 SS
STRAINER	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BEARING, OIL LUBRICATED, UPPER:	6305
BEARING, OIL LUBRICATED, LOWER:	6307 (x2)

**ELECTRICAL / MOTOR DATA**

MOTOR: HP, TYPE, RATING	10, SUBMERSIBLE OIL FILLED, (CONTINUOUS DUTY <sup>3</sup> )	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3PH - 60HZ <sup>1</sup>	460V	575V
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	108	65
STANDARD POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) HIGH TEMP RATED CABLE	
CSA RATED POWER CABLE: GAGE-LENGTH	AWG 6/4, 50' (15m) SEOOW	AWG 10/4, 50' (15m) SEOOW
SENSOR CABLE: <sup>2</sup> GAGE-LENGTH	AWG 18/4, 33' (10m) HIGH TEMP RATED CABLE	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
SEAL LEAK DETECTOR <sup>2</sup>	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	

1 - Available in other voltages for 50Hz

2 - Requires seal fail and thermal circuit in control panel for warranty validity.

3 - Continuous duty motor - see minimum submersion depth above.



INDUSTRIAL FLOW SOLUTIONS™

# PERFORMANCE CURVE

# BJM Pumps® JX75CHSSF

Dwg:

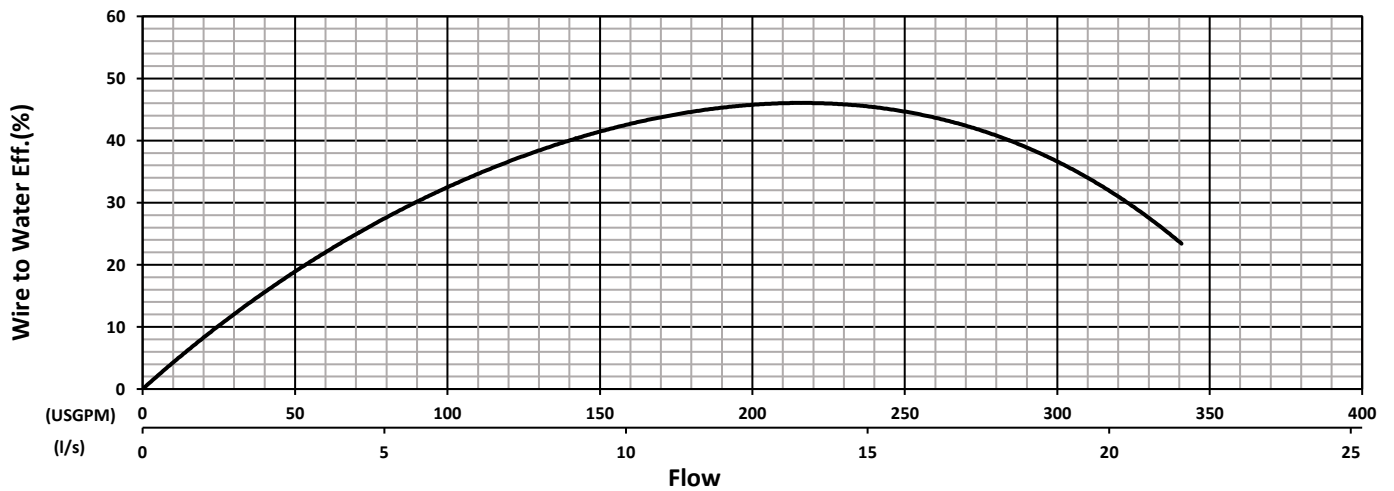
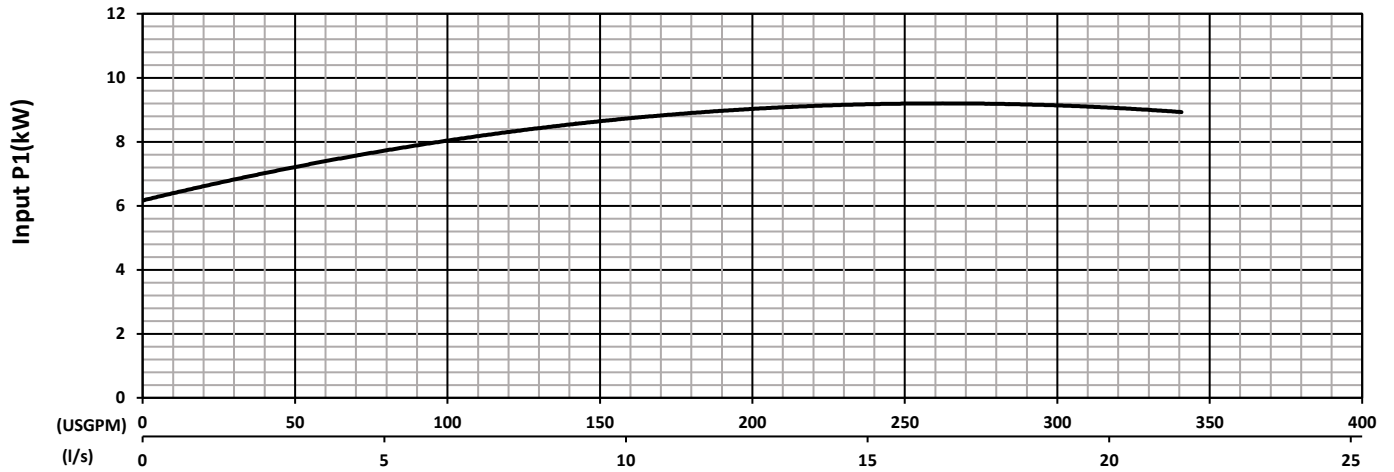
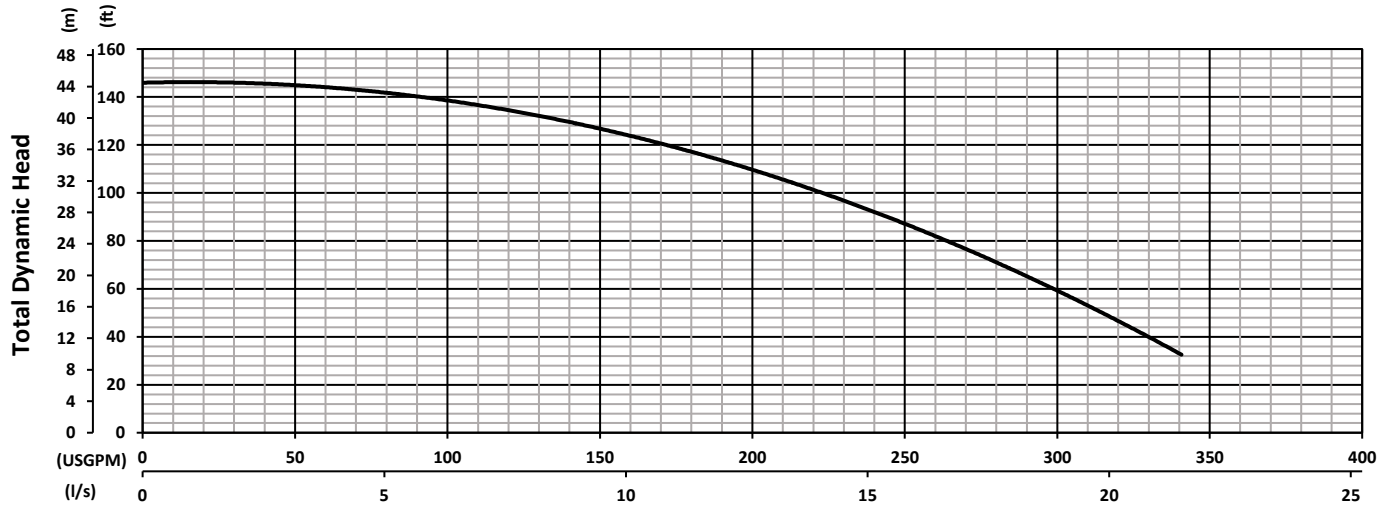
DS-C09-006

Rev:

1

Date:

7/23/2025



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

75CHSSF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	165mm

Specifications subject to change without notice