



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SKX75CSSF

Dwg:

DS-C30-023

Rev:

1

Date:

8/29/2025

GENERAL DATA

MAX. FLOW:	691 GPM (2615.7 LPM)
MAX. HEAD:	64' (19.5m)
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	SOLIDS HANDLING, NON-CLOG SHREDDER, HIGH TEMP
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ³ :	22" (558.8 mm)
SOLID SIZE:	3.5" (88.9 mm)
IMPELLER DIAMETER:	7.87" (200 mm)
DISCHARGE SIZE:	4" NPT-FEMALE
SLIDE RAIL SYSTEM	4" STAINLESS STEEL
PUMP WEIGHT (without cable):	337.7 lbs (153.2 kg)
SHIPPING WEIGHT:	414.9 lbs (188.2 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/SILICON CARBIDE, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	316 SS
PUMP VOLUTE	316 SS
SUCTION COVER	316 SS
IMPELLER	316 SS
IMPELLER SHREDDER BLADE	TUNGSTEN CARBIDE
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BEARING, OIL LUBRICATED, UPPER:	6306
BEARING, OIL LUBRICATED, LOWER:	6309

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	7.5, SUBMERSIBLE OIL FILLED, (CONTINUOUS DUTY ³)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3PH - 60Hz ¹	460V	575V
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	77	55
POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) HIGH TEMP RATED CABLE	
SENSOR CABLE: ² 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 ²	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°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.

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FLOW
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PERFORMANCE CURVE

BJM Pumps® SKX75CSSF

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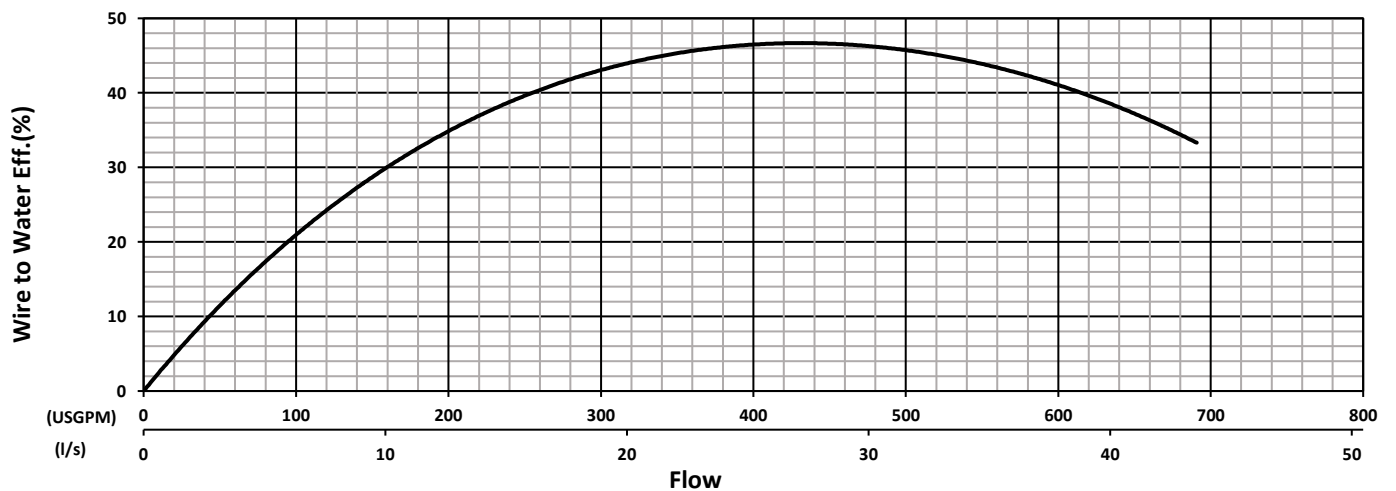
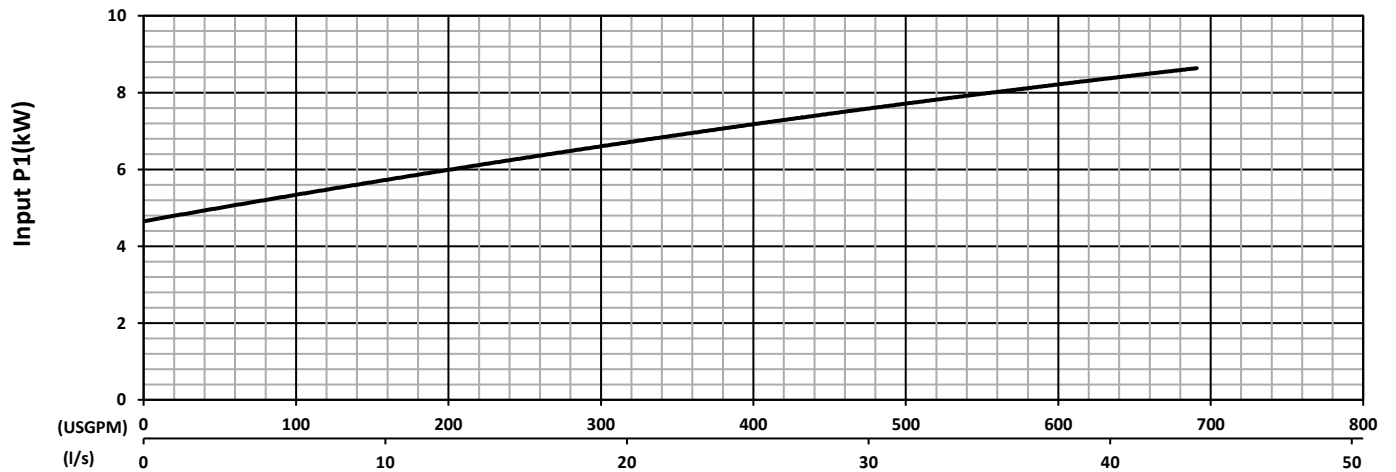
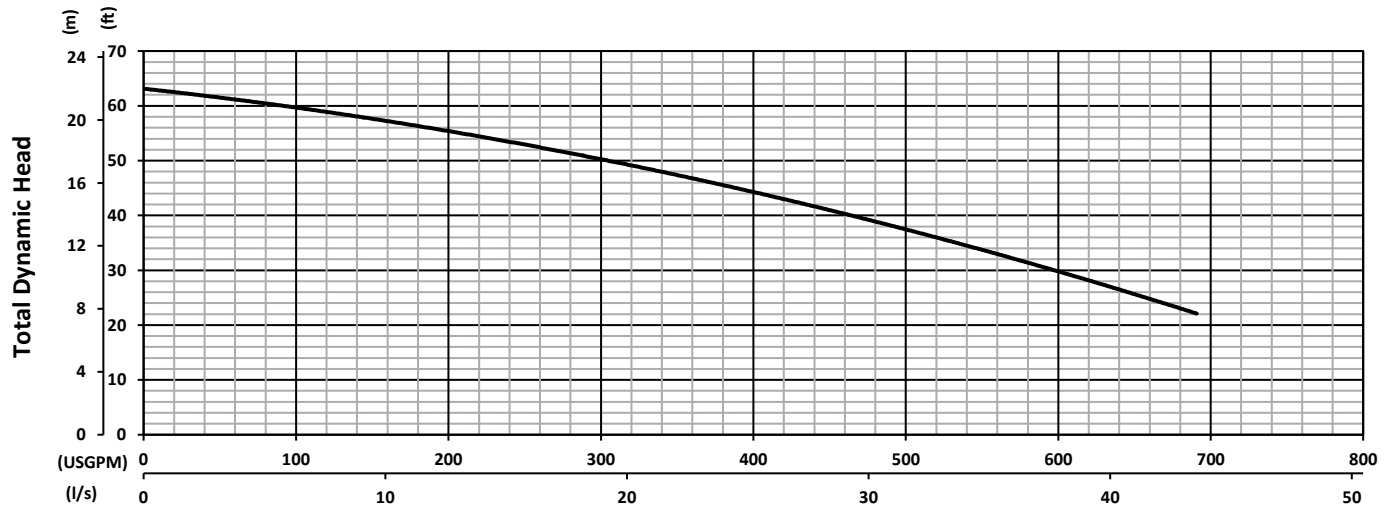
DS-C30-012

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1

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6/20/2025



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

75CSSF - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 200mm

Specifications subject to change without notice