



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SKX750CSSF

Dwg:

DS-C30-015

Rev:

2

Date:

2/19/2026

GENERAL DATA

MAX. FLOW:	81 GPM (306.6 LPM)
MAX. HEAD:	51' (15.5m)
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 :	13.5" (342.9 mm)
SOLID SIZE:	2" (50 mm)
IMPELLER DIAMETER:	4.33" (110 mm)
DISCHARGE SIZE:	2" NPT-MALE
SLIDE RAIL SYSTEM	2" STAINLESS STEEL
PUMP WEIGHT (without cable):	66.1 lbs (30 kg)
SHIPPING WEIGHT:	85.1 lbs (38.6 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:	6203
BEARING, OIL LUBRICATED, LOWER:	6304

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	1, SUBMERSIBLE OIL FILLED, (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1PH - 60Hz ¹	115V	230V
CURRENT F.L.A.	16	8.5
LOCKED ROTOR CURRENT (LRA)	70	35
POWER CABLE: GAGE-LENGTH	AWG 14/4, 50' (15m) HIGH TEMP RATED CABLE	AWG 16/4, 50' (15m) 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	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.

©2026 Industrial Flow Solutions Operating, LLC. All rights reserved.

Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA

(860) 631-3618 • www.flowsolutions.com



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SKX750CSSF

Dwg:

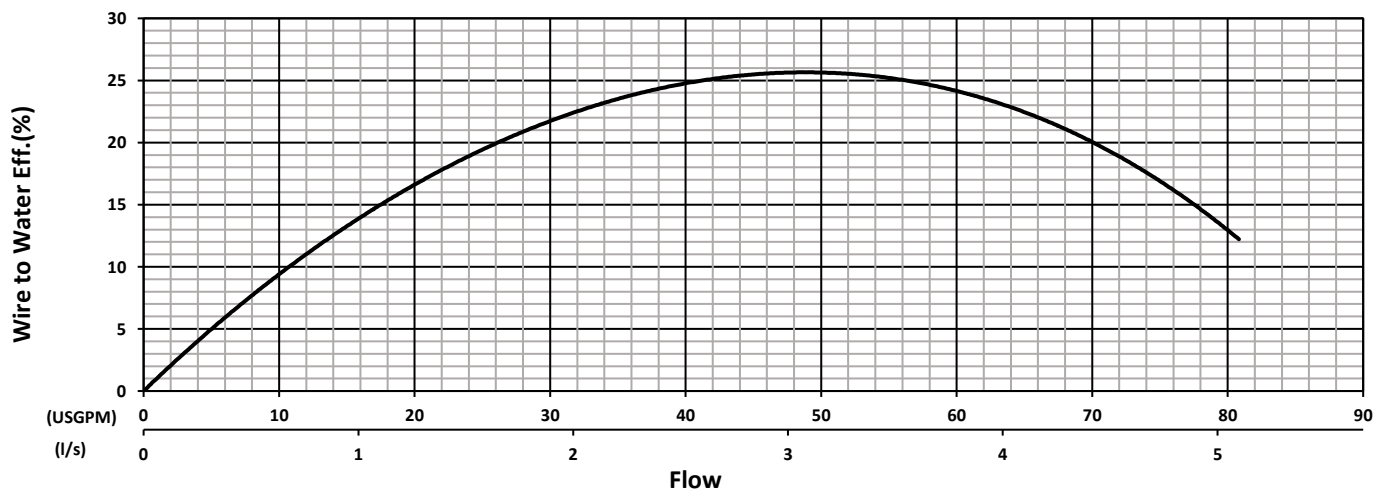
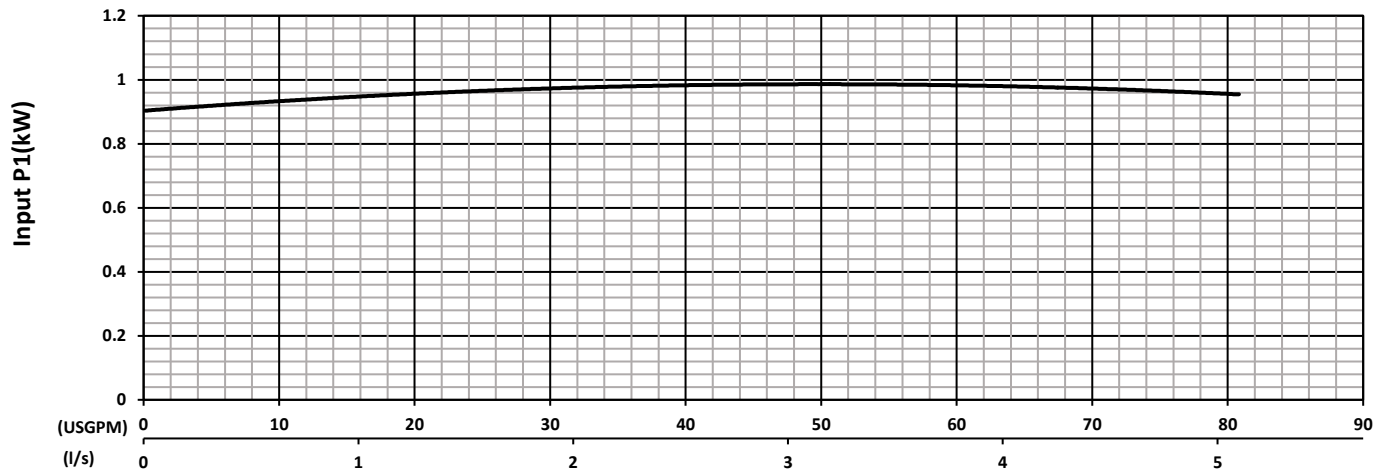
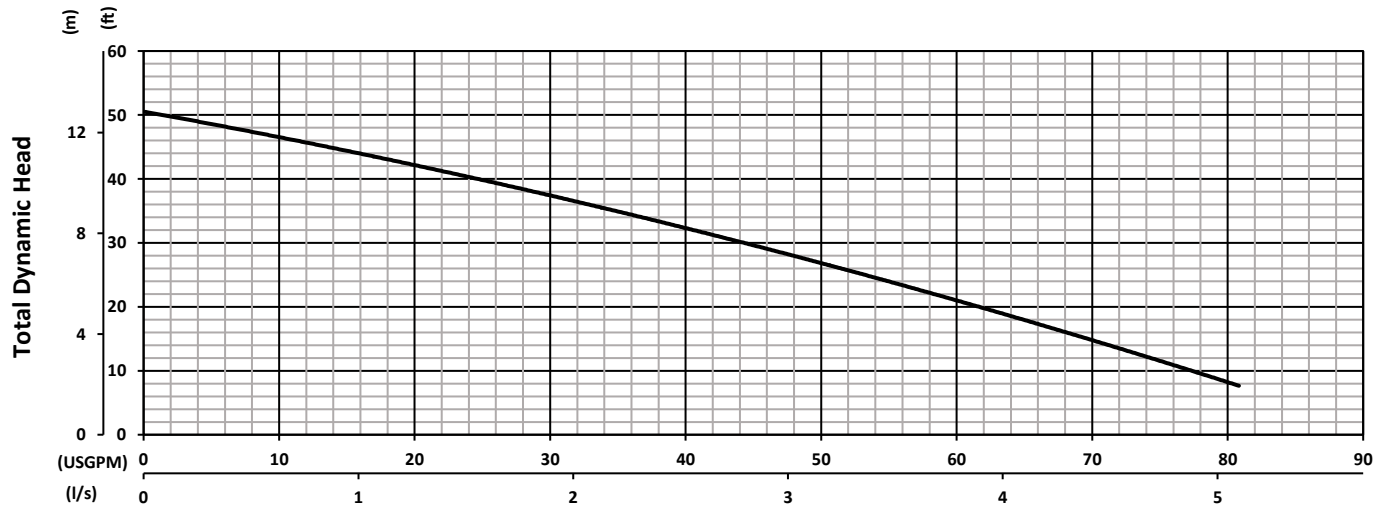
DS-C30-016

Rev:

1

Date:

7/23/2025



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

750CSSF - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 110mm

Specifications subject to change without notice