



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SKX08CSSF

Dwg:

DS-C30-005

Rev:

2

Date:

8/29/2025

GENERAL DATA

MAX. FLOW:	84 GPM (318 LPM)
MAX. HEAD:	52' (15.8m)
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 :	12" (304.8 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):	60.2 lbs (27.3 kg)
SHIPPING WEIGHT:	69.2 lbs (31.4 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 - 3PH - 60Hz ¹	208V	230V	460V	575V
CURRENT F.L.A.	3.15	3	1.5	1.2
LOCKED ROTOR CURRENT (LRA)	18.15	18	9	8
POWER CABLE: GAGE-LENGTH	AWG 16/4, 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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INDUSTRIAL
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PERFORMANCE CURVE

BJM Pumps® SKX08CSSF

Dwg:

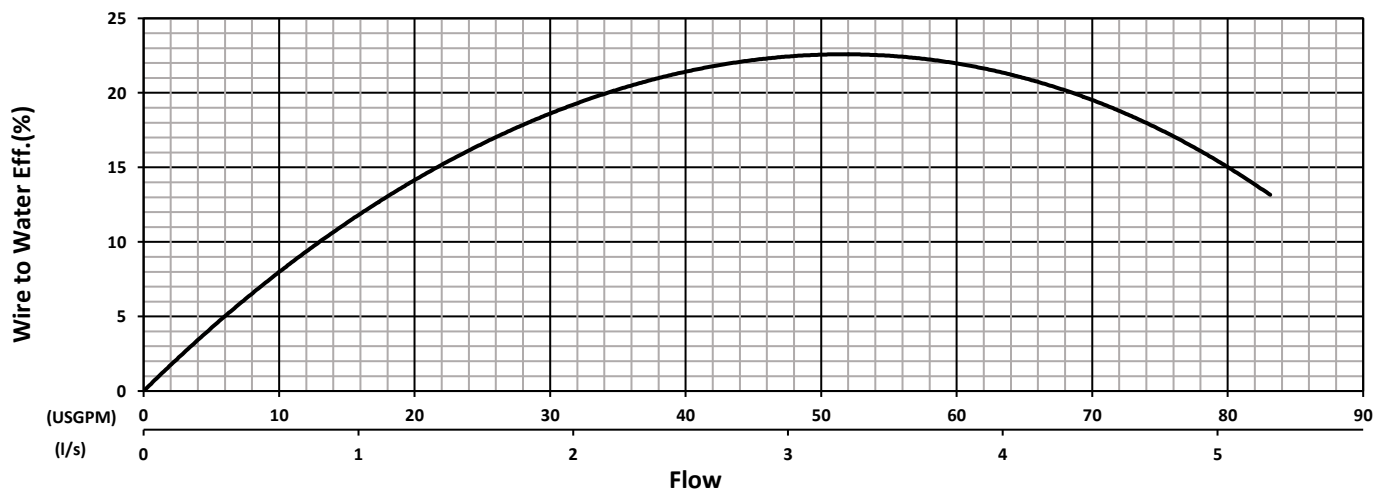
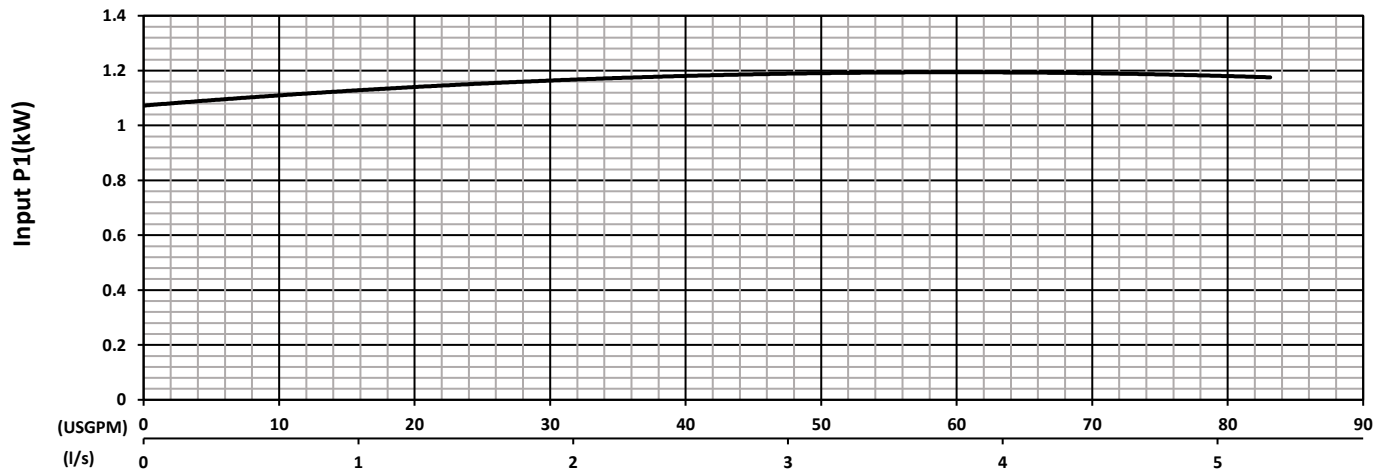
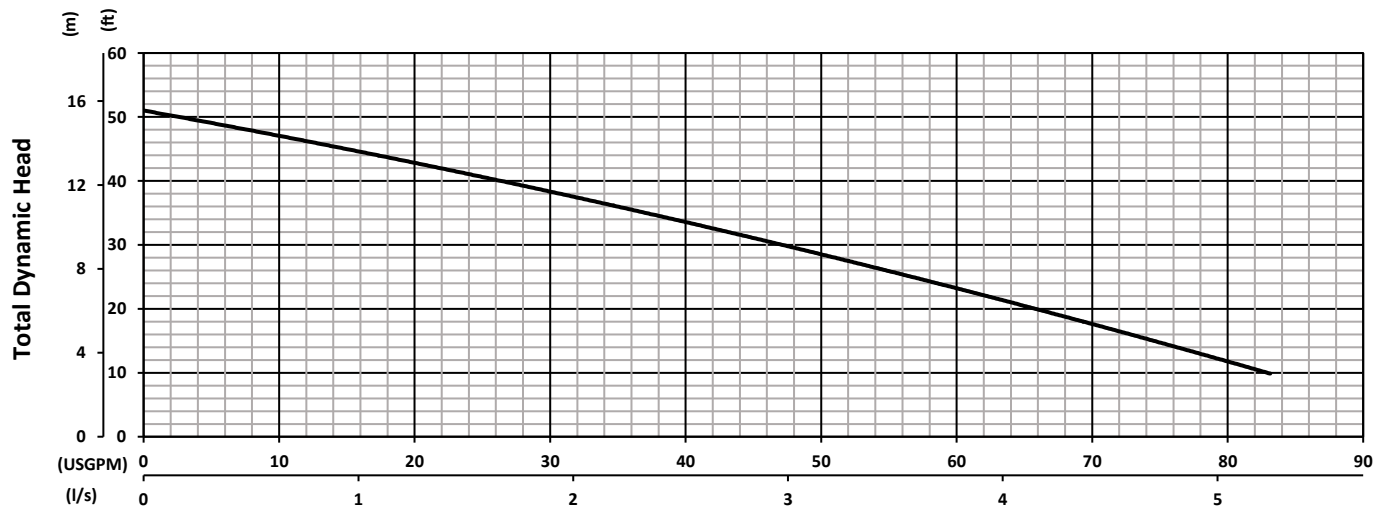
DS-C30-006

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2

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6/20/2025



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

08CSSF - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 110mm

Specifications subject to change without notice