

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® SKX15CSS****Dwg:**

DS-C29-003

Rev:

3

Date:

8/28/2025

GENERAL DATA

MAX. FLOW:	229 GPM (866.9 LPM)
MAX. HEAD:	42' (12.8m)
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
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ³ :	20.5" (520.7 mm)
SOLID SIZE:	1.6" (40.6 mm)
IMPELLER DIAMETER:	4.25" (108 mm)
DISCHARGE SIZE:	3" NPT-MALE
SLIDE RAIL SYSTEM	3" STAINLESS STEEL
PUMP WEIGHT (without cable):	84 lbs (38.1 kg)
SHIPPING WEIGHT:	95 lbs (43.1 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, 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, PERM. LUBRICATED, UPPER:	6203
BEARING, PERM. LUBRICATED, LOWER:	6304

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	2, SUBMERSIBLE, (CONTINUOUS DUTY ³)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3PH - 60Hz ¹	208V	230V	460V	575V
CURRENT F.L.A.	6.3	6	3	2.3
LOCKED ROTOR CURRENT (LRA)	44.6	44	22	15.5
POWER CABLE: GAGE-LENGTH	AWG 16/4, 33' (10m) STOW			
SENSOR CABLE: ² GAGE-LENGTH	AWG 18/2, 33' (10m) STJ			
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
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 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® SKX15CSS

Dwg:

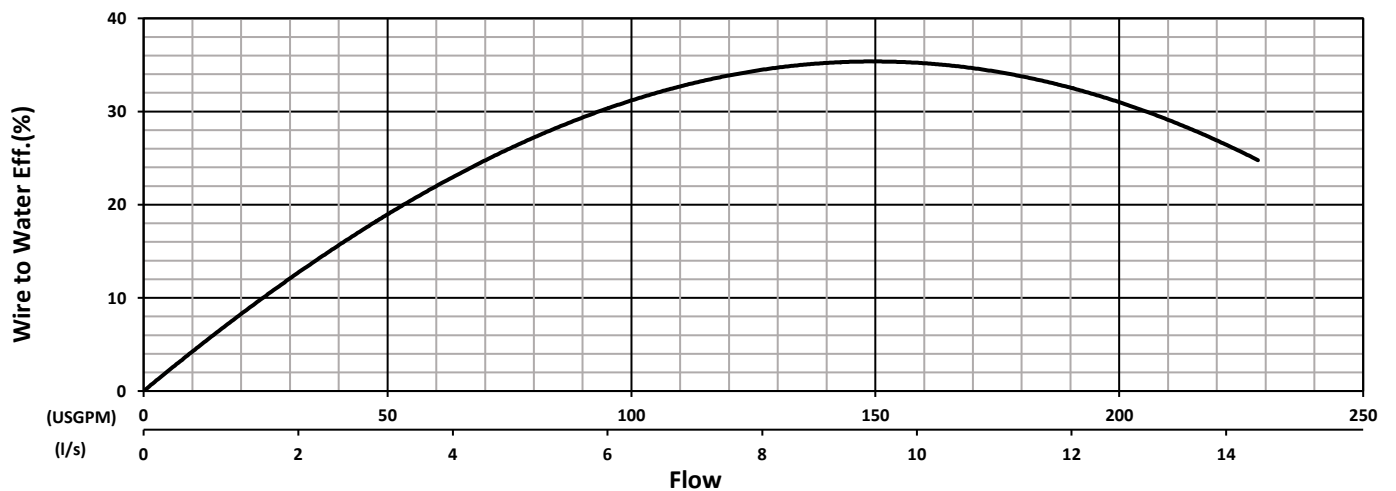
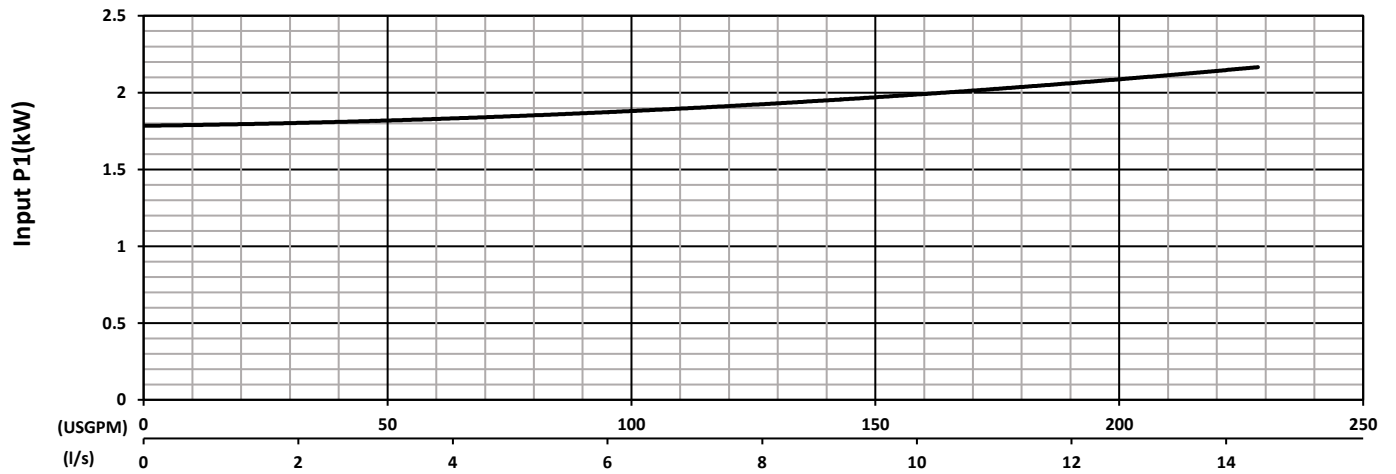
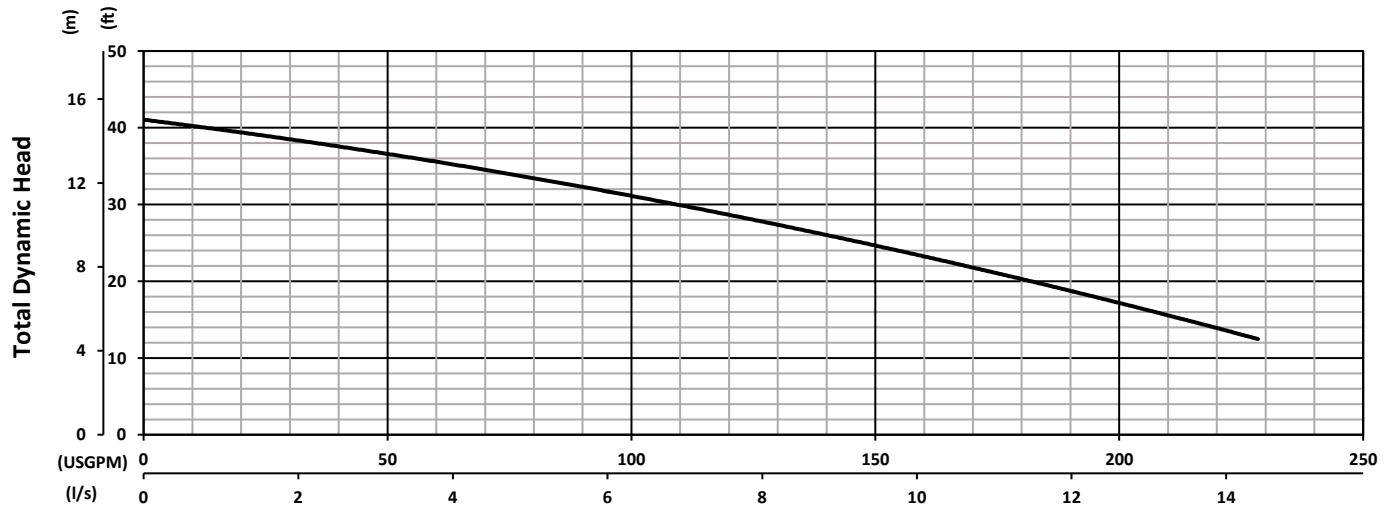
DS-C29-001

Rev:

2

Date:

6/24/2025



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

15CSS - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 108mm

Specifications subject to change without notice