

**Dwg:**

DS-C29-008

Rev:

2

Date:

8/29/2025

GENERAL DATA

MAX. FLOW:	329 GPM (1245.4 LPM)
MAX. HEAD:	50' (15.2m)
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 :	13.5" (342.9 mm)
SOLID SIZE:	1.6" (40.6 mm)
IMPELLER DIAMETER:	4.45" (113 mm)
DISCHARGE SIZE:	3" NPT-MALE
SLIDE RAIL SYSTEM	3" STAINLESS STEEL
PUMP WEIGHT (without cable):	113.3 lbs (51.4 kg)
SHIPPING WEIGHT:	125.2 lbs (56.8 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, PERM. LUBRICATED, UPPER:	6304
BEARING, PERM. LUBRICATED, LOWER:	6305

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	3, 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.	9.45	9	4.5	3.2
LOCKED ROTOR CURRENT (LRA)	57	56	28	22
POWER CABLE: GAGE-LENGTH	AWG 14/4, 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.



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SKX22CSS

Dwg:

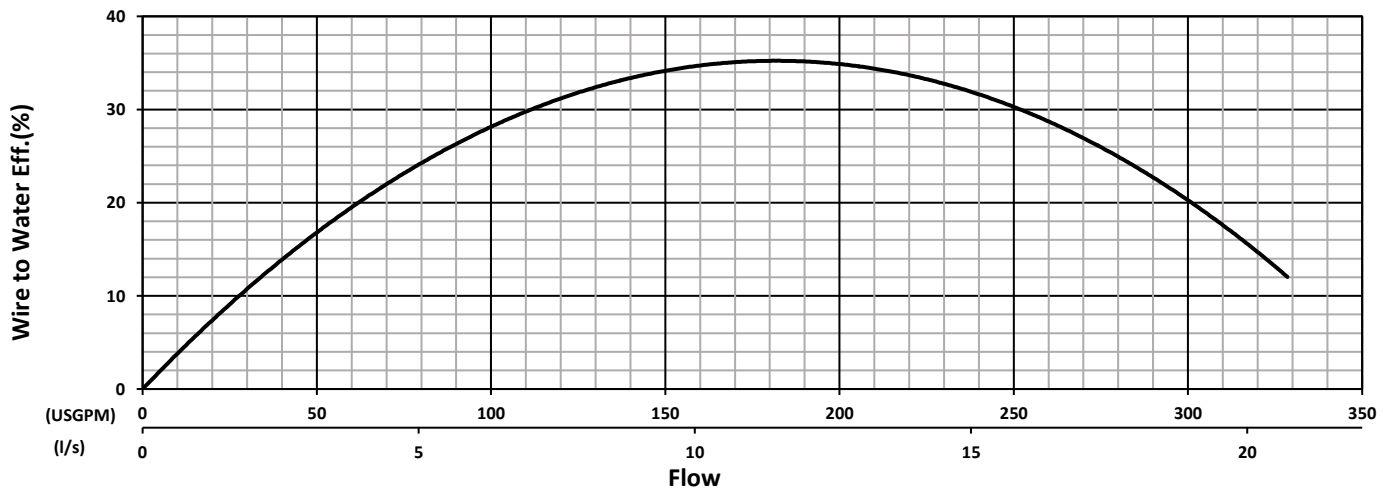
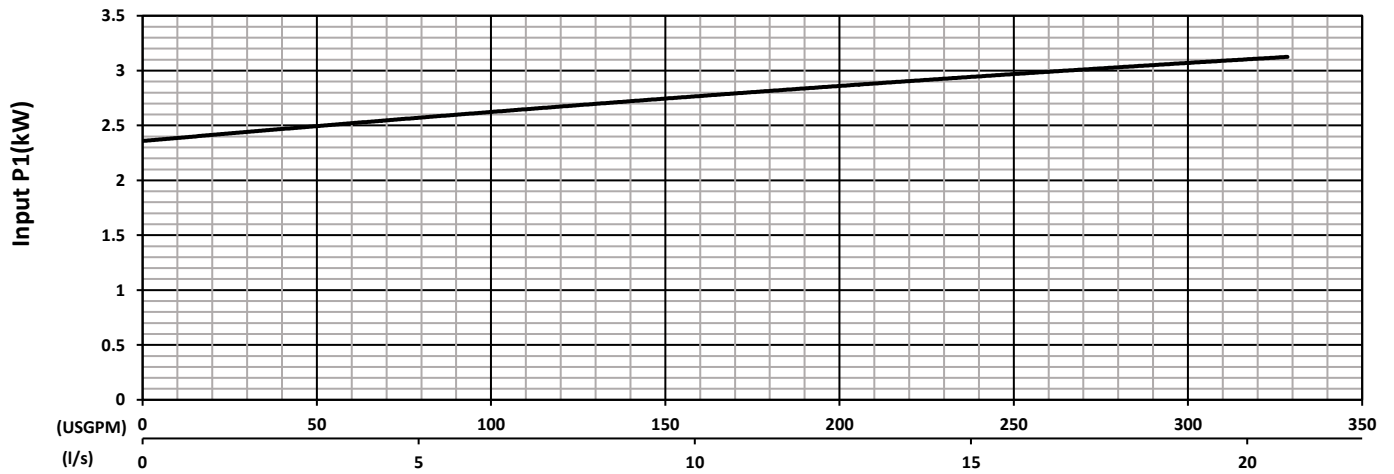
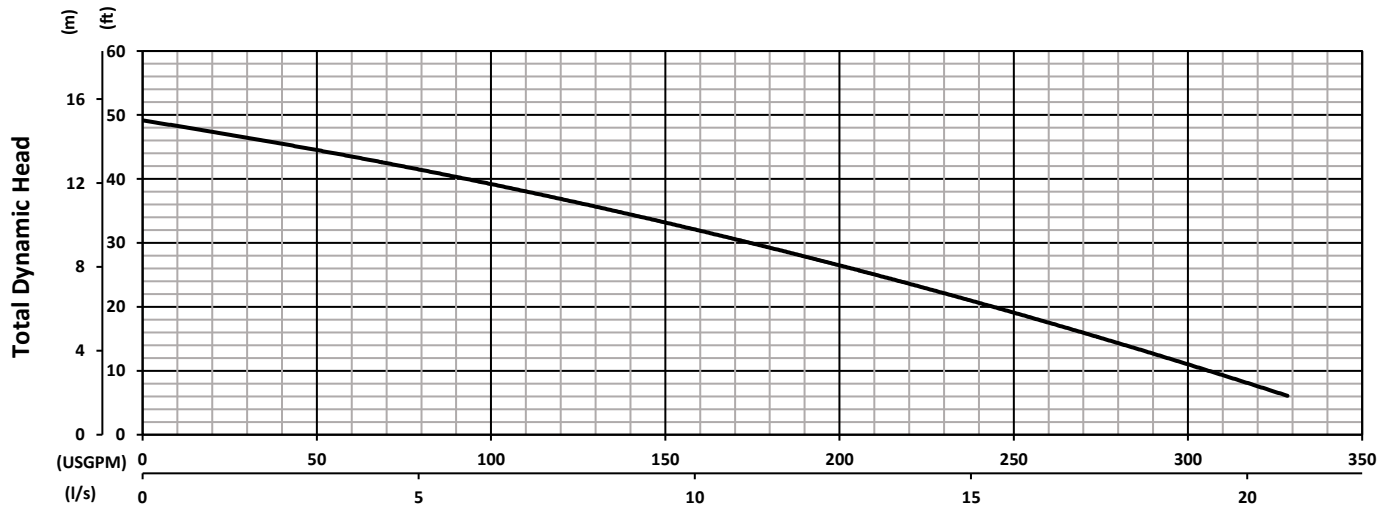
DS-C29-020

Rev:

1

Date:

8/7/2025



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

22CSS - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	113mm

Specifications subject to change without notice