

**Dwg:**

DS-C29-005

**Rev:**

2

**Date:**

8/29/2025

**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
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY <sup>3</sup> :	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):	66 lbs (30 kg)
SHIPPING WEIGHT:	75 lbs (34 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	1, SUBMERSIBLE, (CONTINUOUS DUTY <sup>3</sup> )	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1PH - 60Hz <sup>1</sup>	115V	230V
CURRENT F.L.A.	14	7
LOCKED ROTOR CURRENT (LRA)	70	35
POWER CABLE: GAGE-LENGTH	AWG 14/3, 33' (10m) STOW	
SENSOR CABLE: <sup>2</sup> GAGE-LENGTH	AWG 18/2, 33' (10m) STJ	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR <sup>2</sup>	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® SKX750CSS

Dwg:

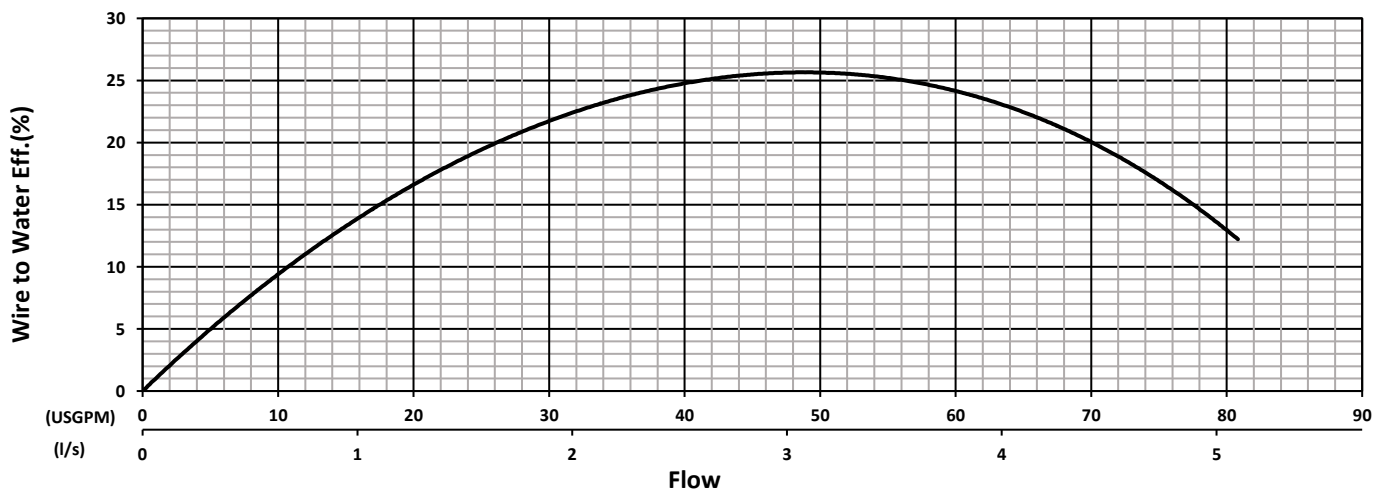
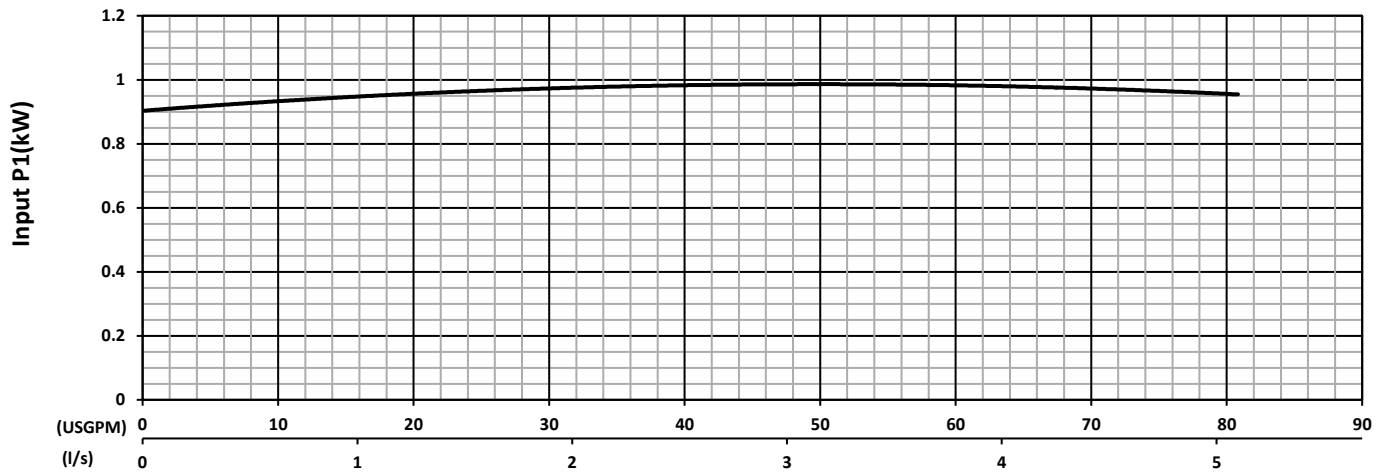
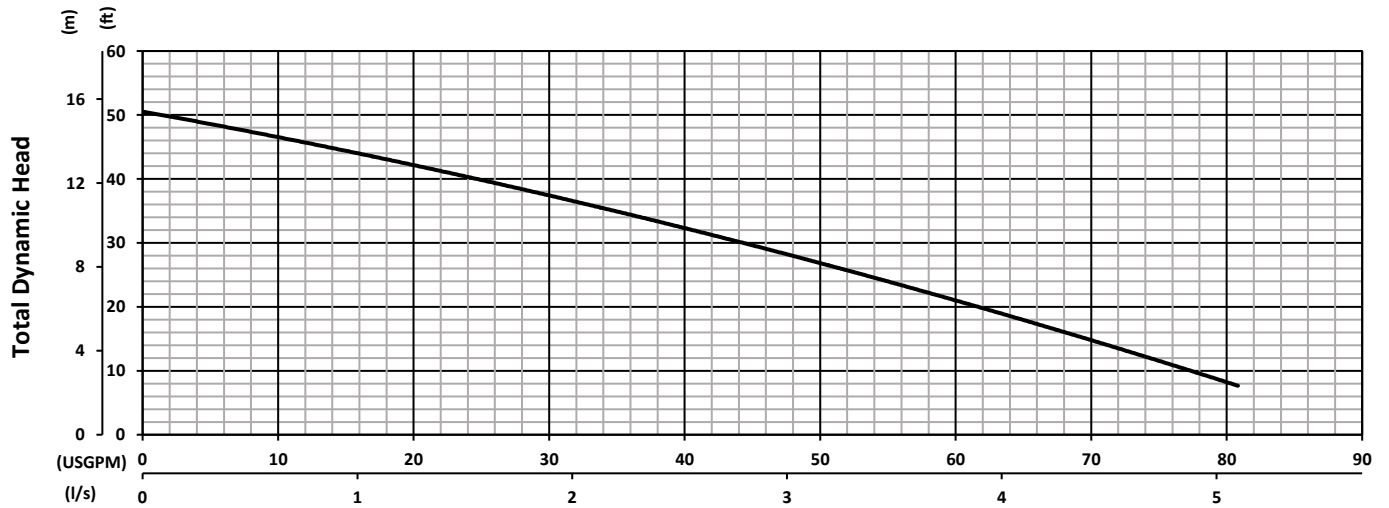
DS-C29-021

Rev:

1

Date:

7/23/2025



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

750CSS - Dual Units

Frequency 60 Hz  
Pump Speed 3450 RPM  
Impeller 110mm

Specifications subject to change without notice