



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SKX37CSS

Dwg:

DS-C29-009

Rev:

2

Date:

8/29/2025

GENERAL DATA

MAX. FLOW:	330 GPM (1249.2 LPM)
MAX. HEAD:	71' (21.6m)
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 :	15" (381 mm)
SOLID SIZE:	1.6" (40.6 mm)
IMPELLER DIAMETER:	4.88" (124 mm)
DISCHARGE SIZE:	4" NPT-FEMALE (3" NPT-MALE OPTIONAL ⁴)
SLIDE RAIL SYSTEM	3" STAINLESS STEEL
PUMP WEIGHT (without cable):	121.3 lbs (55 kg)
SHIPPING WEIGHT:	136.2 lbs (61.8 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	5, 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.	14.7	14	7	5.5
LOCKED ROTOR CURRENT (LRA)	86.5	85	43	38
POWER CABLE: GAGE-LENGTH	AWG 12/4, 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.

4 - Converting to 3" discharge requires additional purchased parts & will effect performance.

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INDUSTRIAL
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PERFORMANCE CURVE

BJM Pumps® SKX37CSS

Dwg:

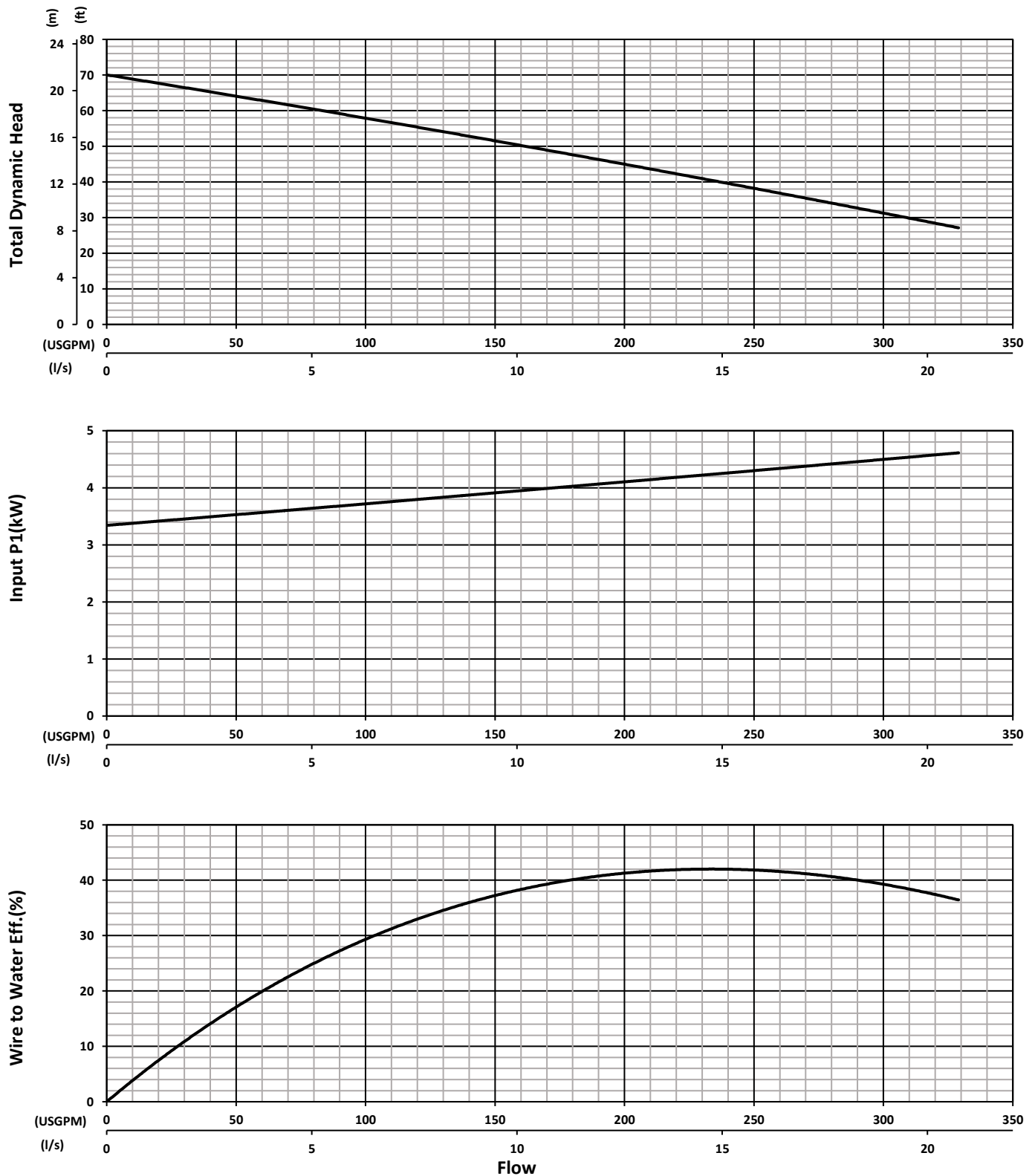
DS-C29-018

Rev:

1

Date:

6/24/2025



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

37CSS - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 124mm

Specifications subject to change without notice