



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® SKX1500CSS**

**Dwg:**

DS-C29-007

**Rev:**

2

**Date:**

8/29/2025

## GENERAL DATA

|                                                        |                                                                                  |
|--------------------------------------------------------|----------------------------------------------------------------------------------|
| MAX. FLOW:                                             | 255 GPM (965.3 LPM)                                                              |
| MAX. HEAD:                                             | 43' (13.1m)                                                                      |
| 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> : | 14" (355.6 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):                           | 93.3 lbs (42.3 kg)                                                               |
| SHIPPING WEIGHT:                                       | 104.3 lbs (47.3 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 <sup>3</sup> ) |
| MOTOR RPM                              | 3450                                            |
| MOTOR INSULATION CLASS                 | F                                               |
| MOTOR SERVICE FACTOR                   | 1.1                                             |
| VOLTAGE - 1PH - 60Hz <sup>1</sup>      | 230V                                            |
| CURRENT F.L.A.                         | 14                                              |
| LOCKED ROTOR CURRENT (LRA)             | 65                                              |
| 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.

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## PERFORMANCE CURVE

**BJM Pumps® SKX1500CSS**

**Dwg:**

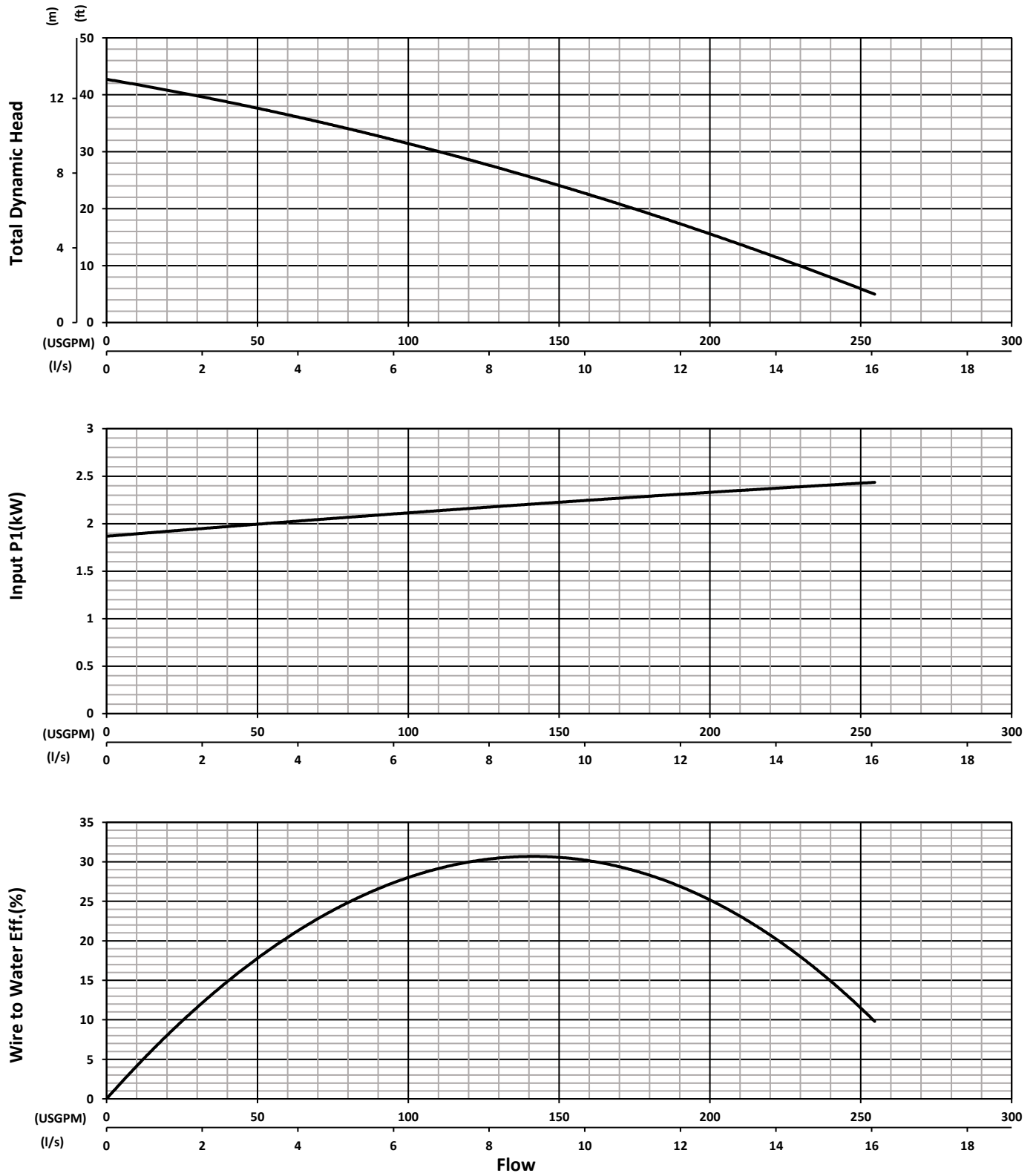
DS-C29-022

**Rev:**

1

**Date:**

8/1/2025



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

**1500CSS - Dual Units**

Frequency  
Pump Speed  
Impeller

60 Hz  
3450 RPM  
108mm

Specifications subject to change without notice