

 **BJM Pumps**

Submersible Shredder Pumps



SK/SKX Series

SK and SKX Shredder Pumps

Does your liquid include solids? BJM's SK and SKX Shredder Pumps are designed to obliterate solids by tearing, breaking and ripping them to pieces. BJM's tungsten carbide tip Fang™ impeller offers 360° shredding action to pass almost any solid.

The unique construction and solids handling of the BJM Shredder Pump make it the choice for wastewater and industrial applications, including:

- Beverage Bottling
- Meat, Fish and Poultry Plants
- Food Processing Plants
- Chemical Wastes
- Paper Mills
- Amusement Parks
- Campgrounds
- Schools
- Sports Centers
- Medical Facilities



Shredder pumps can handle most unintended items that occasionally enter the waste stream.

Plastics

- Beverage Containers
- Children's Toys
- Tampon Applicators
- Eating Utensils
- Condoms

Metals

- Beer Cans
- Soda Cans
- Bottle Caps
- Wire

Food Wastes

- Fish, Meats, Poultry
- Whole Fruits
- Vegetables

Fibrous Solids

- Diapers
- Sanitary Pads
- Gloves
- Underwear
- Towels



Features & Benefits



33 Ft Power and Seal Minder Cable

UL/CSA/MSHA approved - Custom lengths available

Cable Entry Sealing System

FKM compression fitting with SS gland nut to hold and seal cable. Individually isolated and potted power leads to prevent wicking

Heavy Duty Lifting Rings

Or handle on smaller models

Motor Overload Device

Protects motor from thermal and amperage overloads

Superior Motor Insulation and SS Motor Housing

Class F insulation on 1 HP- 5 HP and Class H on 7.5 HP - 20 HP. SS motor housing for superior corrosion resistance and longer life

Seal Minder® Moisture Detection System

Provides early warning to protect motor

ANSI Flange or NPT Discharge

Flange adapts easily to slide rail installations and NPT discharge with elbow for hose connection

Double Mechanical Seals

Oil lubricated double seal design with (SiC X 2) lower and carbon/ceramic upper seal faces

Wear-Resistant Shredding System – Tungsten Carbide Fitted Non-Clog Fang™ Impeller and Hi-Chrome 360° Toothed Suction Plate

Provides long life in tough services

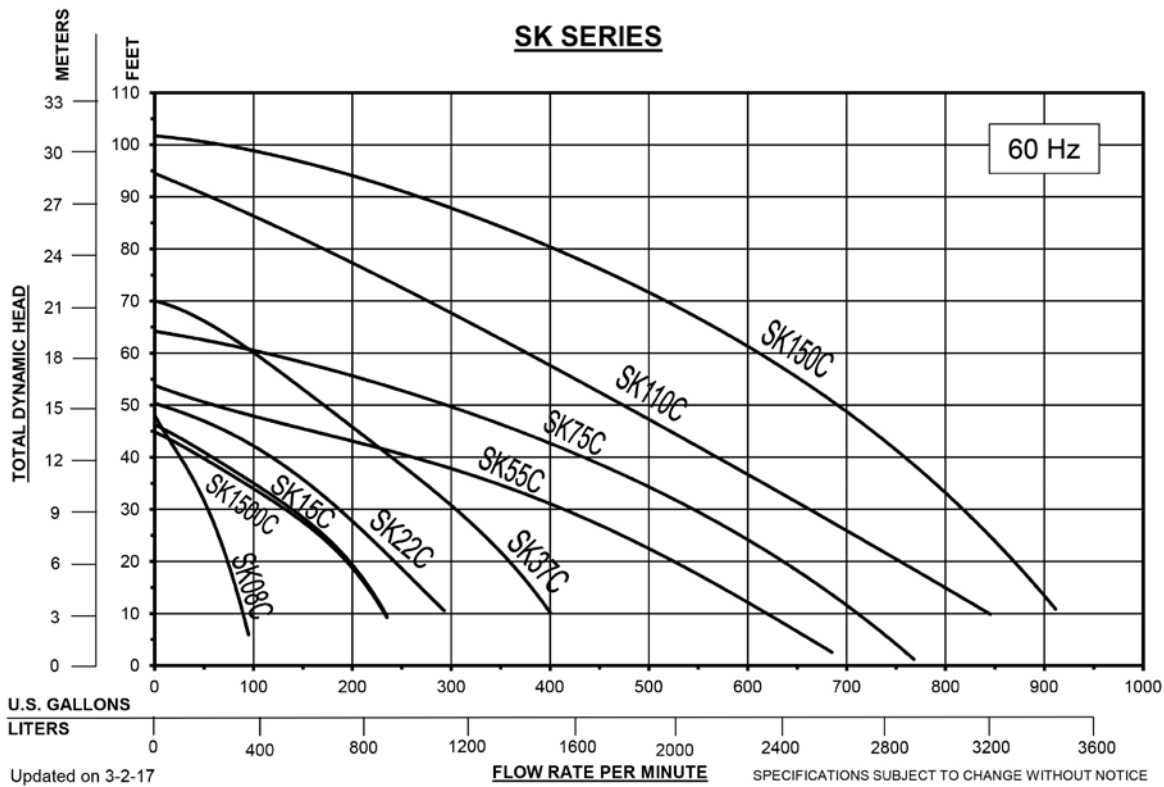
Integral Pump Stand

Positions suction inlet off the bottom. Can be removed (cast iron version) to accept slide rail installation

Choice of Construction

- **SK Shredder Pumps:** Cast Iron and 304 Stainless Steel for Non-Corrosive Applications.
- **SKX Shredder Pumps:** All 316 Stainless Steel and FKM for corrosive liquids or applications where cast iron oxidation contaminates the pumped liquid.

High temperature and explosion proof pumps also available. Ask about BJM's Fahrenheit® and XP-SK Series.



Note: When selecting a pump, shredding capability increases with higher motor torque. Size the pump to apply as much motor HP as possible. For optimal performance, the pump must be sized correctly for the application.

| MODEL | DISCH. SIZE | H.P. | VOLT | PHASE | RPM | RATED AMPS | MAX SOLIDS | MAX HEAD | MAX GPM | HEIGHT | WIDTH | PUMP WEIGHT LBS | EST SHIP WEIGHT LBS |
|------------------|-------------|------|---------|-------|------|------------|------------|----------|---------|--------|--------|-----------------|---------------------|
| SK1500C/SKX1500C | 3" | 2 | 230 | 1 | 3450 | 14 | 1.6" | 40' | 220 | 21.5" | 14.75" | 93 | 104 |
| SK08C/SKX08C | 2" | 1 | 230/460 | 3 | 3450 | 3.2/1.6 | 2" | 48' | 95 | 21.25" | 13.5" | 60 | 69 |
| SK15C/SKX15C | 3" | 2 | 230/460 | 3 | 3450 | 6/3 | 1.6" | 42' | 220 | 20.5" | 14.75" | 84 | 95 |
| SK22C/SKX22C | 3" | 3 | 230/460 | 3 | 3450 | 9/4.5 | 1.6" | 45' | 270 | 21.8" | 15.3" | 113 | 125 |
| SK37C/SKX37C | 3" or 4" | 5 | 230/460 | 3 | 3450 | 14/7 | 1.6" | 62' | 360 | 22.5" | 15.3" | 121 | 136 |
| SK55C/SKX55C | 4" | 7.5 | 230/460 | 3 | 1750 | 21/10.5 | 3.5" | 54' | 570 | 30" | 29.5" | 321 | 398 |
| SK75C/SKX75C | 4" | 10 | 460 | 3 | 1750 | 15 | 3.5" | 64' | 670 | 31.2" | 29.5" | 337 | 414 |
| SK110C/SKX110C | 6" | 15 | 460 | 3 | 1750 | 19.8 | 3.5" | 94' | 845 | 35.6" | 35.2" | 515 | 610 |
| SK150C/SKX150C | 6" | 20 | 460 | 3 | 1750 | 25.7 | 3.5" | 101' | 911 | 37.6" | 35.2" | 534 | 630 |

| SHREDDER PUMP SLIDE RAIL ASSEMBLIES | | | |
|-------------------------------------|-----------------|------|------------------------------------|
| CAST IRON | STAINLESS STEEL | SIZE | PUMP SIZES |
| SR50-1 | SRX50SS-1 | 2" | 08C |
| SR80-ANSI | SRX80SS-ANSI | 3" | 1500C, 15C, 22C, 37C |
| SR100-ANSI | SRX100SS-ANSI | 4" | *1500C, *15C, *22C, *37C, 55C, 75C |
| SR150-ANSI | SRX150SS-ANSI | 6" | *55C, *75C, 110C, 150C |

*Note: Some pumps will need an adapter to fit rails larger than their rated discharge size. Slide rail adapters for other manufacturers available.

WARNING: NOT FOR USE IN ANY FLAMMABLE LIQUIDS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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