

 **BJM Pumps**<sup>®</sup>

# Submersible Shredder Pumps



**SK/SKX Series**

# SK and SKX Shredder Pumps

Does your liquid include solids? BJM Pumps® SK and SKX Shredder Pumps are designed to obliterate solids by tearing, breaking and ripping them

to pieces. BJM Pumps® tungsten carbide tip Fang™ impeller offers 360° shredding action to pass almost any solid.

The unique construction and solids handling of the BJM Pumps® 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

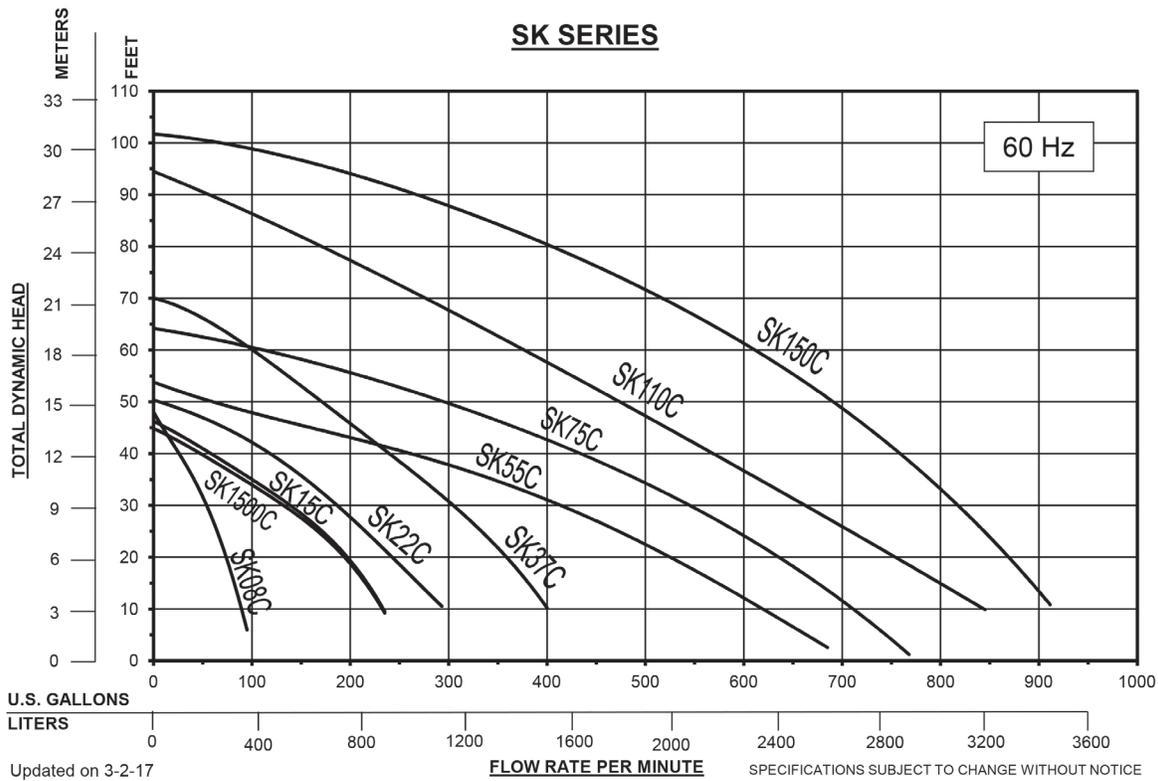
### **Integral Pump Stand**

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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