

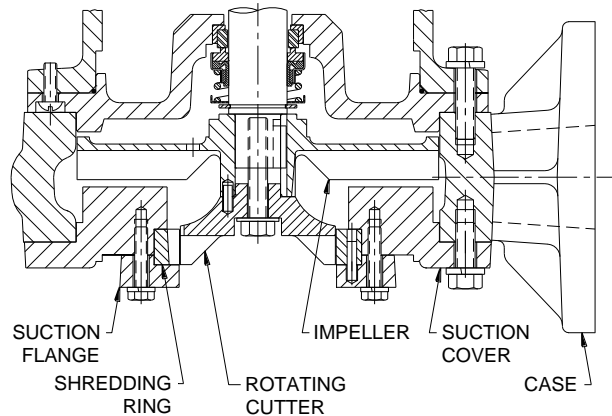
Arranged by Pump Style then Discharge Size

Model	Discharge		Mount Style	Pump		Pump Seals	Impeller		Motor Type	Max HP		
	Size	Type		Type	Style		Nom.	Type		1150 RPM	1750 RPM	3500 RPM
2439	1 1/4	NPT	Floor	Submersible	Grinder	One	5	Enclosed	9725	--	--	1 1/2
2417	2	NPT	Floor	Submersible	Grinder	One	7	Semi-Open	9724	--	5/8	--
2418	2	ANSI	Removal	Submersible	Grinder	One	5	Semi-Open	9724	--	5/8	--
2852	2	ANSI	Horizontal	Dry Well	Grinder	One	7	Semi-Open	NEMA	--	1 1/2	7 1/2
2438	2	ANSI	2613	Submersible	Grinder	One	5	Enclosed	9725	--	--	2
2436	2	ANSI	2613	Submersible	Grinder	One	7	Semi-Open	9725	--	1 1/2	--
2516	2	ANSI	2613	Submersible	Grinder	Two	7	Semi-Open	9709	--	1 1/2	5
2437	2	NPT	Floor	Submersible	Grinder	One	7	Semi-Open	9725	--	1 1/2	--
2526	2	NPT	Floor	Submersible	Grinder	Two	7	Semi-Open	9709	--	1 1/2	5
2104	2	ANSI	2613	Vertical	Grinder	--	7	Semi-Open	NEMA	--	1 1/2	--
2105	2	NPT	Cover	Vertical	Grinder	--	7	Semi-Open	NEMA	--	1 1/2	--
2834	3	ANSI	Horizontal	Dry Well	Slicer	One	7	Semi-Open	NEMA	--	5	--
2533	3	ANSI	2613	Submersible	Slicer	Two	7	Semi-Open	9709	1	5	--
2537	3	NPT	Floor	Submersible	Slicer	Two	7	Semi-Open	9709	1	5	--
2822	4	ANSI	Vertical	Dry Well	Slicer	Two	9	Enclosed	9727	--	15	--
2836	4	ANSI	Horizontal	Dry Well	Slicer	One	7	Semi-Open	NEMA	--	5	--
2838	4	ANSI	Horizontal	Dry Well	Slicer	One	9	Enclosed	NEMA	--	15	--
2534	4	ANSI	2613	Submersible	Slicer	Two	7	Semi-Open	9709	1	5	--
2536	4	ANSI	2613	Submersible	Slicer	Two	9	Enclosed	9727	--	15	--
2536F	4	Flange	Floor	Submersible	Slicer	Two	9	Semi-Open	9727	--	15	--
2538	4	NPT	Floor	Submersible	Slicer	Two	7	Semi-Open	9709	1	5	--

Motors

- NEMA – Standard TEFC motor
 - 9724 - Single Seal
Carbon/ceramic
Elastomers are Buna N
Stainless steel spring
 - 9725 - Single Seal
Carbon/ceramic
Elastomers are Buna N
Stainless steel spring
 - 9709 and 9727 - Double Tandem Seal
Carbon/ceramic upper seal
Silicon carbide/silicon carbide lower seal.
Elastomers are Buna N
Stainless steel spring
- ANSI** American National Standard Institute 125# flange connection. Provided with similar holes for bolts to allow fastening an ANSI flange pipe to a similarly equipped adjoining pipe.
- NPT** National Pipe Taper. Discharge is female NPT for threaded pipe.
- Cover Mount** Pump floor plate rests on the wet well cover.
- Floor Mount** Floor mount pumps have a vertical discharge and three cast feet. Connections are available for NPT or flanges.
- Horizontal** Close coupled design.
- Removal System Pump** 2613 - Pump can be removed from the wet well without disconnecting the discharge piping. The 2613 components are not included with the pump.

Grinder

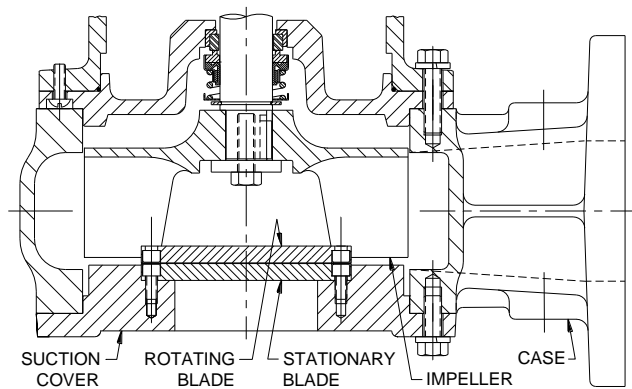


Grinder Pumps – To 100 GPM. Solids are reduced to a 3/8-inch diameter by the grinder cutter and shredding ring components. The 3/8-inch solids are then pumped by the impeller into the discharge line. The impeller is sized to efficiently pump the slurry at flows and pressures determined by the system design.

Install a ball check valve at the discharge of each pump. An additional third check valve is recommended on the mainline of a duplex system.

The grinder portion consists of a hardened rotating cutter mounted on a stainless steel motor shaft. A stationary shredding ring is positioned in the pump inlet. On all models the cutter and shredding ring are made from 440C stainless steel hardened to Rockwell 58C. The semi-open impeller is cast iron. A bronze impeller is available as an option.

Slicer



Slicer Pumps – To 650 GPM. Effectively slices and cuts sewage solids into pumpable pieces. The slicer will devour sanitary napkins, tampons, articles of clothing, disposable diapers, paper towels, newspapers, shop towels, and cigars.

The slicer pump combines many of the characteristics of non-clog, cutter, and grinder pumps.

The two slicer blades are 440C stainless steel hardened to Rockwell 58C. One blade rotates with the iron impeller and the other blade is stationary.

A slicer pump will process more sewage gallons per minute than a grinder pump.