



TSURUMI PUMP



SEWAGE & WASTE WATER PUMPS & TREATMENT EQUIPMENT

from Japan's largest submersible pump manufacturer

Presented by Australian Pump Industries

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Who is Tsurumi ?



1 MILLION PUMPS

Tsurumi's Kyoto Plant is the world's most modern submersible pump manufacturing plant with a total manufacturing capability of 1 million units per year.

WORLDS BEST

- Established in 1924, Tsurumi (pronounced soo-roo-mee) is one of the world's most experienced pump manufacturers.
- Huge range of submersible dewatering & effluent pumps, & waste water treatment equipment.

AUSTRALIAN SUPPORT

Tsurumi Manufacturing Company has appointed Australian Pump Industries as sole distributor for Australia and Papua New Guinea. This partnership brings Australian consumers top quality product backed by first class aftermarket support throughout the territory.



Equipment Selection Guide

Type	Model	Feature	Page	
Sewage/waste water pumps	B	Sewage pump with channel impeller	7	
	BZ	Sewage pump with large solid passage	8	
	C	Sewage pump with cutter mechanism	9	
	U	Vortex sewage pump with 2 pole motor	6	
	UZ	Vortex sewage pump with large solid passage	6	
	UT	Vortex sewage pump with single phase motor	-	
	PU	Vortex sewage pump - resin	5	
	MG	High head grinder pump	8	
	Corrosion resistant	BQ	Cast ss version of B series	7
		CQ	Cast version of C series	9
Explosion proof	BX	Explosion proof version of B series	7	
	CX	Explosion proof version of C series	9	
	UX	Explosion proof version of U series	6	
Effluent Pumps	PSF	High head effluent pump - resin	4	
	SF	Semi-open impeller, for high head pumping	9	
	OM	Semi-vortex effluent pump - resin	4	
	Corrosion resistant	SQ	Lightweight ss effluent pump	-
		SFQ	Chemical effluent pump - cast ss	10
	TM	Seawater pump - titanium & resin	4	
Water Treatment Equipment	Blower	RS	Rotary air blower	-
	Aerator	TRN	Submersible self aspirating aerator	10
		BER	Submersible axial-flow type aerator	11
	Skimmer	FSP	Floating scum skimmer	11
	Decanting pump	FHP	Float type decanting pump	11
	Bar Screen	KE/KS	Automatic mechanical bar screen (front)	11
KM/KMA		Automatic mechanical bar screen (rear)	11	

Design Features

NOT ALL PUMPS ARE MADE EQUAL



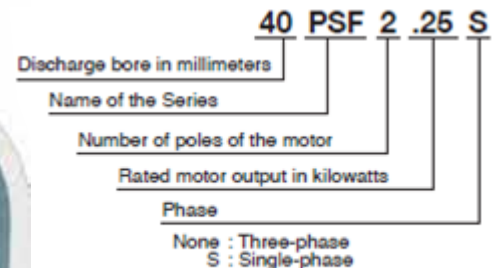
- A Anti-wicking protection** prevents water incursion due to capillary wicking should the power cable be damaged or the end submerged.
- B Double mechanical seal** inside the oil chamber, made of hardest silicon carbide... lasts up to five times as long.
- C Patented oil lifter** for forced lubrication of the mechanical seal
- D Thermal protection** for motor against dry running
- E High tensile stainless steel shaft** supported by deep groove ball bearings
- F Copper windings** with E-class insulation
- G Submersible dry-type** squirrel cage continuous duty rated induction motor
- H Moisture sensor** (30HP pumps & larger)

Key Benefits

- Life-cycle costs significantly below industry average
- Materials of the highest resistance for a longer lifetime
- Quick maintenance in-house with standard tools

- Installation options;
- free standing
 - guide rail fitting
 - dry installation

Tsurumi product codes explained



Features that cut maintenance

VANCS series pumps



The VANCS SERIES of Tsurumi submersible pumps is designed for handling raw sewage, wastewater, industrial and commercial sump pump applications.

The VANCS SERIES has a proven track record for long life in both continuous and intermittent sump applications.

The VANCS corrosion resistant sump pumps are made of moulded resin and either 304 stainless steel or Titanium.

TM SERIES - SALT WATER SPECIALIST

FEATURES

- Titanium
- FRP resin moulded parts
- Vortex impeller design

APPLICATIONS

- Salt wastewater & site drainage.
- Chemical spill containment.
- Decorative waterfalls, salt water, fountains & fish ponds.
- Bilge pumps.
- Salt water aquiculture.
- Anywhere your sump pump is subject to rust or corrosion, VANCS is the answer.

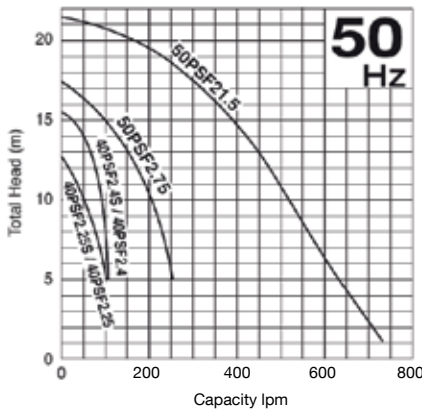
Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Cable Length m	Automatic option (2 floats) TMA
40	40TM2.25S	0.25	single	9	240	condenser	6.7	10	✓
40	40TM2.25	0.25	3-phase	9	240	d.o.l.	5.7	6	✓
50	50TM2.4S	0.4	single	12	290	condenser	6.7	10	✓
50	50TM2.4	0.4	3-phase	12	300	d.o.l.	6.6	6	✓
50	50TM2.75	0.75	3-phase	15	350	d.o.l.	7.8	6	✓



PSF SERIES - HIGH PERFORMANCE EFFLUENT PUMP

FEATURES

- 304 stainless steel
- FRP resin moulded parts
- Closed impeller (for higher heads)
- 2 pole motor

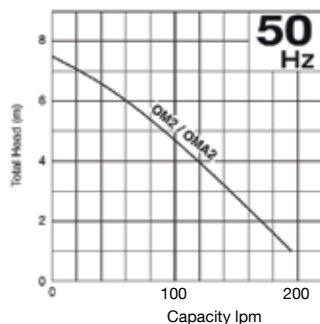


Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m	Automatic Option PSFA (2 floats)	Automatic Option PSFZ (1 float)
40	40PSF2.25S	0.25	Single	12.5	100	Capacitor	7.3	8	10	✓	✓
40	40PSF2.25	0.25	3-phase	12.5	100	d.o.l.	6.2	8	6	✓	
40	40PSF2.4S	0.4	Single	15.5	100	Capacitor	7.3	8	10	✓	✓
40	40PSF2.4	0.4	3-phase	15.5	100	d.o.l.	7.1	8	6	✓	
50	50PSF2.75	0.75	3-phase	17.5	250	d.o.l.	8.4	8	6	✓	
50	50PSF21.5	1.5	3-phase	21.5	750	d.o.l.	14.7	13	6	✓	

OM SERIES - SMALL & EFFICIENT

FEATURES

- 304 stainless steel
- FRP resin moulded parts
- Vortex impeller design (passes compressible solids in suspension)
- Cylindrical float on automatic models, allows installation in tight spaces
- Low power consumption
- Suits fountains, water features, cellars & sumps
- 2 pole motor



Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m	Auto option (2 floats) OMA
32	OM2	0.15	single	7.5	195	capacitor	5.9	10	3	✓

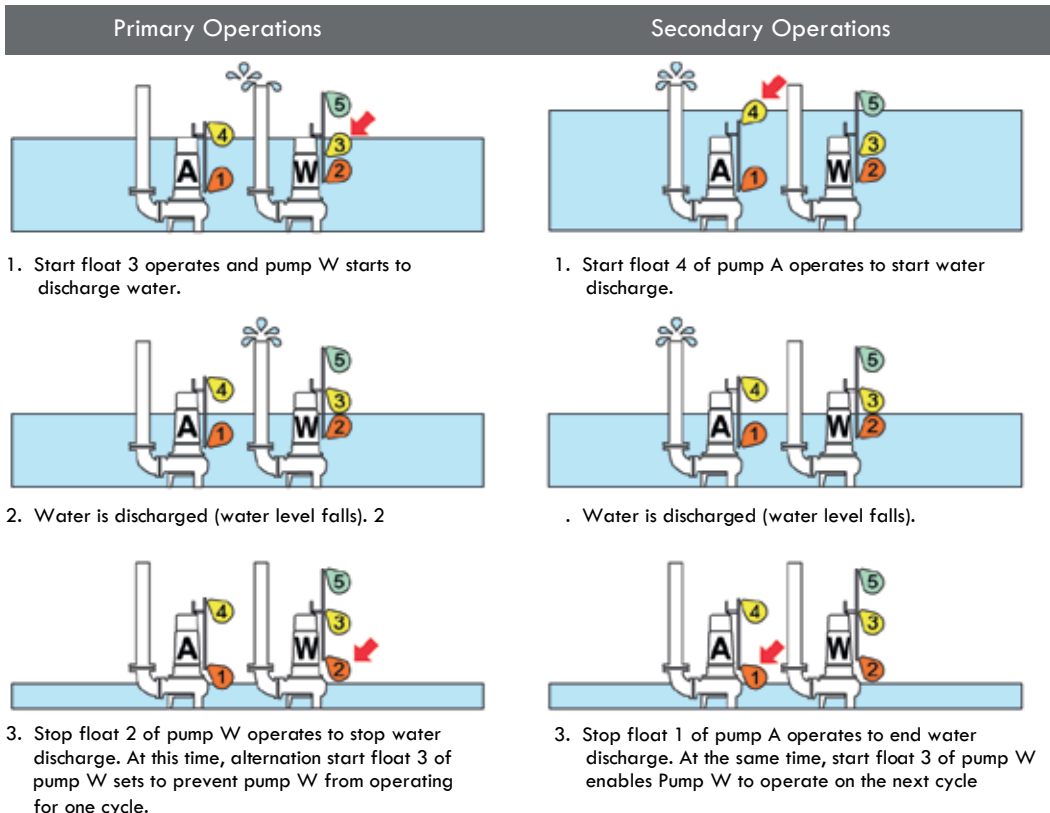


AUTO DUPLEXING - MADE SIMPLE

The auto-alternating model is used along with an automatic model. The combined use of these two pumps enables each pump to operate alternately without a control panel. The auto-alternating model has three floats and can be identified by the suffix "W". It is available in the same output range of the automatic pumps.



Operation is enabled by merely connecting the power supply and adjusting float level.



PU SERIES - HIGH VOLUME SEWAGE PUMP



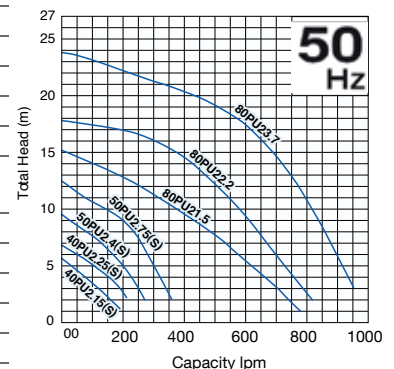
FEATURES

- 304 stainless steel
- FRP resin moulded parts
- Semi-vortex impeller design (passes compressible solids in suspension)

APPLICATIONS

- Residential, commercial, industrial sewage, effluent, wastewater & site drainage.
- Chemical spill containment
- Decorative waterfalls, fountains and fish ponds.
- Raw water supply from rivers or lakes.
- 2 pole motor

Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/m	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m	Auto option (1 float) PUZ	Auto option (2 floats) PUA	Alternation (3 floats) PUW
40	40PU2.15S	0.15	single	5.5	200	Capacitor	6.1	35	10		✓	✓
40	40PU2.15	0.15	3-phase	5.5	200	D.O.L.	5.6	35	6		✓	✓
40	40PU2.25S	0.25	single	6.5	210	Capacitor	7.1	35	10	✓	✓	✓
40	40PU2.25	0.25	3-phase	6.5	210	D.O.L.	7.1	35	6		✓	✓
40	40PU2.4S	0.4	single			Capacitor			10		✓	✓
50	50PU2.25	0.25	3-phase	6.6	210	d.o.l.	6.6	35	6			
50	50PU2.4S	0.4	single	9.6	270	condenser	7.1	35	10	✓	✓	
50	50PU2.4	0.4	3-phase	9.6	270	d.o.l.	7	35	6		✓	✓
50	50PU2.75S	0.75	single	12.5	360	condenser	8.9	35	10	✓	✓	
50	50PU2.75	0.75	3-phase	12.5	360	d.o.l.	8.3	35	6		✓	✓
80	80PU21.5	1.5	3-phase	16	800	d.o.l.	15.8	46	6		✓	✓
80	80PU22.5	2.5	3-phase	18	850	d.o.l.	22	46	6		✓	✓
80	80PU23.7	3.7	3-phase	24	1000	d.o.l.	27	46	6		✓	✓



Pump selection software & detailed specs available

Sewage pumps

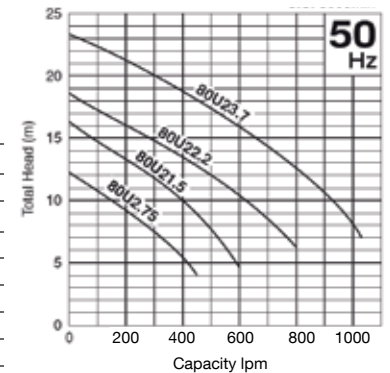
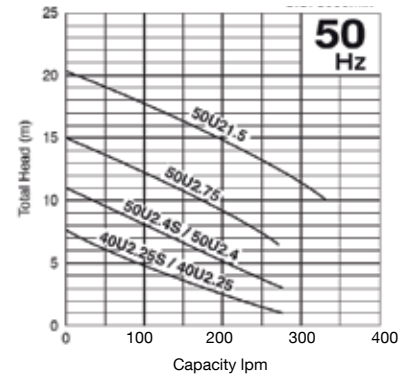
U & UZ SERIES



U SERIES - CHOKE FREE, VORTEX IMPELLER

The U SERIES vortex impeller, powered by a 2-pole motor, allows fibrous materials and solid matter to be pumped out with minimum contact with the impeller. It offers practically choke-free operation in sewage pumping.

Suitable for free standing, guide rail installations & dry pit designs



Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m	Auto option (2 floats) UA
50	40U2.25S	0.25	single	7.4	260	Split phase	14	35	10	✓
50	40U2.25	0.25	3-phase	7.5	260	d.o.l.	13.5	35	10	
50	50U2.4S	0.4	single	11	270	Capacitor	20	35	10	✓
50	50U2.4	0.4	3-phase	11	270	d.o.l.	19.2	35	10	
50	50U2.75	0.75	3-phase	15	270	d.o.l.	22.7	35	10	
80	80U2.75	0.75	3-phase	12.2	450	d.o.l.	28.5	46	10	
80	80U21.5	1.5	3-phase	16.5	600	d.o.l.	41.5	46	10	
80	80U22.2	2.2	3-phase	19	800	d.o.l.	55	56	10	
80	80U23.7	3.7	3-phase	23.5	1030	d.o.l.	75	56	10	

UZ SERIES - LONG LIFE FOUR POLE MOTOR

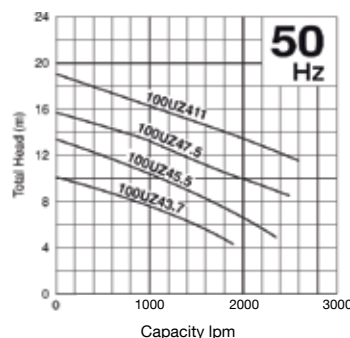
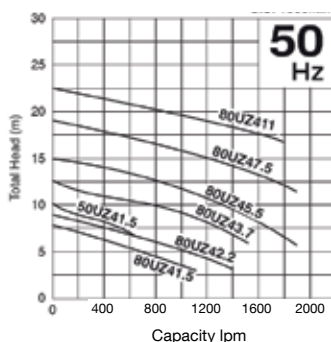
The UZ SERIES Tsurumi submersible pump is a vortex pump driven by a 4-pole motor. It has a large solids passage that is equivalent to its discharge diameter giving it excellent solid handling capability. It offers practically choke-free operation in sewage pumping.

Suitable for free-standing, guide rail installations & dry pit designs.

Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m
50	50UZ41.5	1.5	3-phase	10.2	640	d.o.l.	52	50	10
80	80UZ41.5	1.5	3-phase	7.5	1120	d.o.l.	66	80	10
80	80UZ42.2	2.2	3-phase	8.8	1490	d.o.l.	66	80	10
80	80UZ43.7	3.7	3-phase	12.7	1520	d.o.l.	72	80	10
100	100UZ43.7	3.7	3-phase	12.7	1520	d.o.l.	79	100	10
80	80UZ45.5	5.5	3-phase	15	1900	d.o.l.	129	80	10
100	100UZ45.5	5.5	3-phase	13.2	2360	d.o.l.	145	100	10
80	80UZ47.5	7.5	3-phase	19	1900	d.o.l.	142	80	10
100	100UZ47.5	7.5	3-phase	15.6	2500	d.o.l.	158	100	10
80	80UZ411	11	3-phase	22.8	1800	S.D.	148	80	10
100	100UZ411	11	3-phase	19	2600	S.D.	191	100	10



UZ series shown with TOS guide rail fitting



B SERIES - NON CLOG IMPELLER

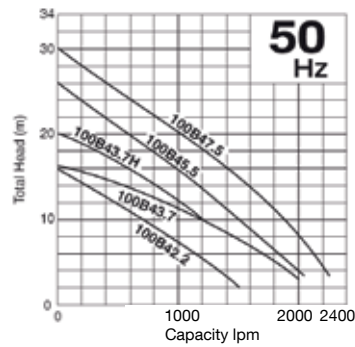
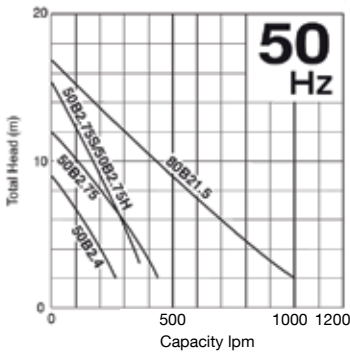
The B SERIES of submersible sewage pumps can be used for a wide range of applications. A channel impeller prevents internal clogging and enables the pump to efficiently transfer sewage and wastewater containing solid matter. It is available in a huge range of bores from 50 to 800mm

Suitable for free-standing, guide rail installations & dry pit designs.



B SERIES

Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m	Auto option (2 floats) BA	Alternation option (3 floats) BW
50	50B2.4	0.4	3-phase	9	260	d.o.l.	23	19	6		
50	50B2.75	0.75	3-phase	12	435	d.o.l.	25	20	5		
50	50B2.75S	0.75	single	15.2	360	capacitor	32	20	6	✓	
50	50B2.75H	0.75	3-phase	15.2	360	d.o.l.	24	20	6		
80	80B21.5	1.5	3-phase	16.8	1000	d.o.l.	36	40	6	✓	✓
100	100B42.2	2.2	3-phase	16	1500	d.o.l.	70	45	6	✓	✓
100	100B43.7	3.7	3-phase	16.4	2000	d.o.l.	86	53	6	✓	✓
100	100B43.7H	3.7	3-phase	20	1180	d.o.l.	84	35	6		
100	100B45.5	5.5	3-phase	26	2080	d.o.l.	147	40	8		
100	100B47.5	7.5	3-phase	29.7	2260	d.o.l.	169	40	8		



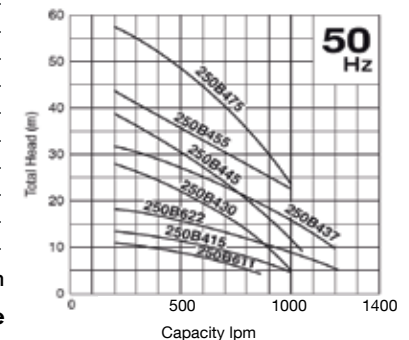
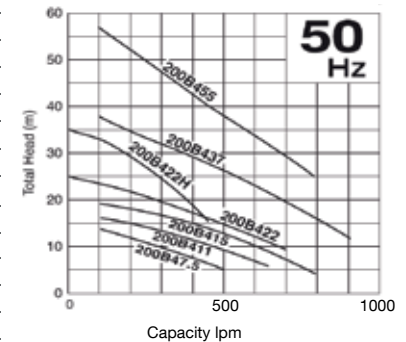
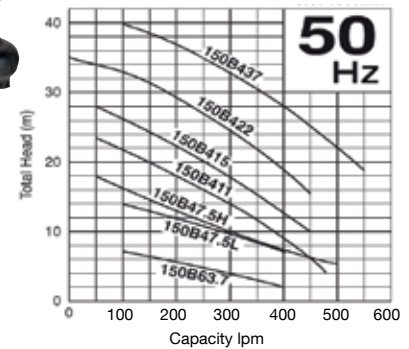
BQ Series - stainless steel version of B series sewage pumps available 50-100mm bore.

BX Series - explosion proof version of B series sewage pumps available 80-100mm bore

Automatic version (BA) shown with TOS guide rail fitting

Larger Bore Sizes 150 mm to 250 mm

Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m
150	150B63.7	3.7	3-phase	6.5	4000	d.o.l.	280	70	6
150	150B47.5H	7.5	3-phase	14	5000	d.o.l.	210	75	8
150	150B47.5L	7.5	3-phase	18	4000	d.o.l.	196	60	8
150	150B411	11	3-phase	23	4750	star-delta	250	75	8
150	150B415	15	3-phase	28	4500	star-delta	270	75	8
150	150B422	22	3-phase	35	4500	star-delta	460	75	10
150	150B437	37	3-phase	40	5500	star-delta	680	40x72	10
200	200B47.5	7.5	3-phase	14	5000	d.o.l.	203	80x60	8
200	200B411	11	3-phase	16	6500	star-delta	252	68x60	8
200	200B415	15	3-phase	20	8000	star-delta	302	70x60	8
200	200B422H	22	3-phase	35	4500	star-delta	465	75	10
200	200B422	22	3-phase	25	7000	star-delta	450	75	10
200	200B437	37	3-phase	37.5	9000	star-delta	710	40x77	10
200	200B455	55	3-phase	57.5	8000	star-delta	1060	40x110	10
250	250B611	11	3-phase	11	8500	star-delta	430	80x68	8
250	250B415	15	3-phase	13	10000	star-delta	420	73	8
250	250B622	22	3-phase	18	12000	star-delta	735	90x90	10
250	250B430	30	3-phase	18	10000	star-delta	730	75x80	10
250	250B437	37	3-phase	32	12000	star-delta	765	63x80	10
250	250B445	45	3-phase	38	11000	star-delta	780	45x70	10
250	250B455	55	3-phase	44	10000	star-delta	1100	45x70	10
250	250B475	75	3-phase	57	10000	star-delta	1150	35x75	10



Contact Aussie for details on pumps from 300mm to 800mm

Pump selection software & detailed specs available

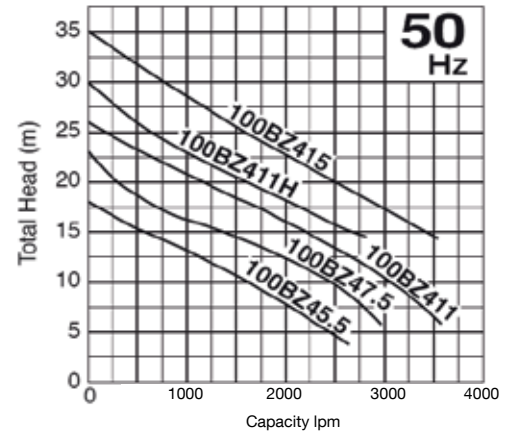
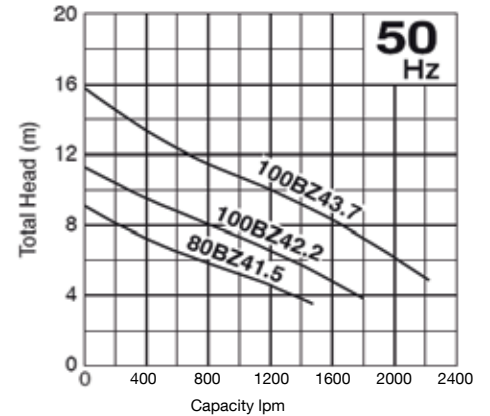




BZ SERIES - HIGH PERFORMANCE SINGLE CHANNEL IMPELLER

This efficient, high volume pump can handle compressible solids up to 80mm due to its unique non-clog, single channel impeller.

Suitable for free-standing, guide rail installations & dry pit designs.



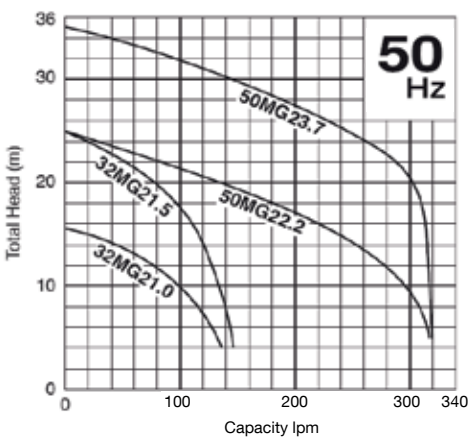
Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m
80	80BZ41.5	1.5	3-phase	9.1	1480	d.o.l.	78	80	10
100	100BZ42.2	2.2	3-phase	11.3	1800	d.o.l.	80	80	10
100	100BZ43.7	3.7	3-phase	15.8	2220	d.o.l.	100	80	10
100	100BZ45.5	5.5	3-phase	18	2630	d.o.l.	175	80	10
100	100BZ47.5	7.5	3-phase	23	2960	d.o.l.	194	80	10
100	100BZ411H	11	3-phase	30	2810	Star-Delta	219	80	10
100	100BZ411	11	3-phase	26	3570	Star-Delta	219	80	10
100	100BZ415	15	3-phase	35	3500	Star-Delta	295	80	10

MG SERIES - GRINDS FOREIGN MATTER, CLOG FREE PUMPING

Foreign matter is finely ground up by the built-in grinder mechanism and discharged by a vortex impeller.

Tsurumi submersible grinder pumps utilize a grinding mechanism in the suction port to crush foreign matter into fine particles before discharging the waste through a small diameter pipe. The 2 pole motor means high head performance and high efficiency.

Suitable for free-standing or guide rail installations.



Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Cable Length m
32	32MG21.0	1	3-phase	13	135	d.o.l.	36	10
32	32MG21.5	1.5	3-phase	25	145	d.o.l.	34	10
50	50MG22.2	2.2	3-phase	25	320	d.o.l.	54	10
50	50MG23.7	3.7	3-phase	35	320	d.o.l.	55	10



C SERIES - CUTTER PUMP, SHREDS SOLIDS

A serrated suction cover is used in combination with a tungsten carbide tip impeller ensuring that fibrous foreign matter is shredded and sewage is transferred without clogging.

The C SERIES CUTTER has a proven track record for offering long life in both continuous and intermittent sump applications. Suits installations that need the ability to handle the disposal of items with the potential to block drains, for example in hotels, shopping centres & restaurants.

Suitable for free-standing, guide rail installations & dry pit designs.

Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight KG	Max. Solid Handling mm	Cable Length m	Auto option (2 floats) CA	Alternation (3 floats) CW
50	50C2.75S	0.75	single	11.5	335	capacitor	32	21	5	✓	
50	50C2.75	0.75	3-phase	11.5	335	d.o.l.	24	21	6	✓	✓
80	80C21.5	1.5	3-phase	13.2	810	d.o.l.	36	37	6	✓	✓
80	80C22.2-CR	2.2	3-phase	21	750	d.o.l.	70	22x31	6		
80	80C23.7-CR	3.7	3-phase	29	650	d.o.l.	70	22x31	6		
80	80C25.5-CR	5.5	3-phase	32	1340	d.o.l.	125	29x23	6		
80	80C27.5-CR	7.5	3-phase	38	1000	d.o.l.	130	26x25	6		
80	80C211-CR	11	3-phase	47	1200	d.o.l.	156	26x27	6		
100	100C42.2	2.2	3-phase	13.5	1100	d.o.l.	70	44	6		
100	100C43.7	3.7	3-phase	16	1700	d.o.l.	86	60	6		
100	100C45.5	5.5	3-phase	18.1	2290	d.o.l.	140	40	6		
100	100C47.5	7.5	3-phase	23	2500	d.o.l.	159	40	8		
100	100C411	11	3-phase	26	2750	Star-Delta	184	50	8		

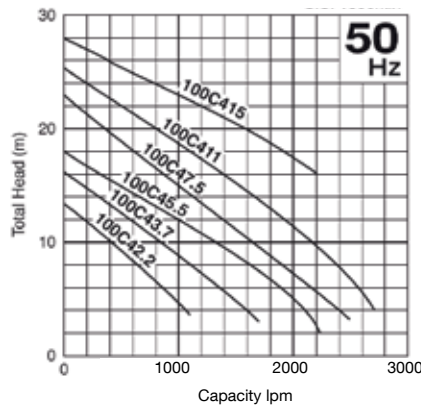
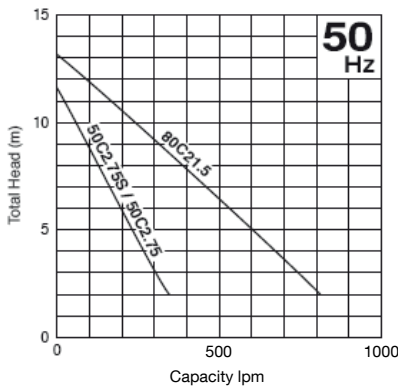
View online
demo on
Youtube



Channel impeller with cutter

CQ Series ... stainless steel version of C series sewage pumps available 50-100mm bore.

CX Series ... explosion proof version of C series sewage pumps available 80-100mm bore



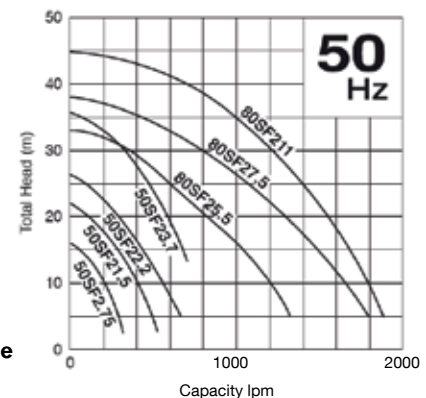
Automatic version (CA) shown with TOS guide rail fitting

SF SERIES - SEMI OPEN IMPELLER, EFFLUENT PUMPS

The SF SERIES are cast iron, effluent pumps powered by a 2 pole motor with a semi-open impeller. These efficient pumps are designed for high-head pumping and de-foaming at wastewater treatment plants.

For pumping screened effluent or as a de-foaming spray pump.

Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m
50	50SF2.75	0.75	3-phase	16	250	d.o.l.	20	11	6
50	50SF21.5	1.5	3-phase	10.5	475	d.o.l.	33	11	6
50	50SF22.2	2.2	3-phase	26	640	d.o.l.	49	7.5	6
50	50SF23.7	3.7	3-phase	36	650	d.o.l.	56	7.5	6
80	80SF25.5	5.5	3-phase	32.5	1250	d.o.l.	125	15	6
80	80SF27.5	7.5	3-phase	38	1800	d.o.l.	128	19	8
80	80SF211	11	3-phase	45	1900	d.o.l.	147	22	8



Pump selection software & detailed specs available



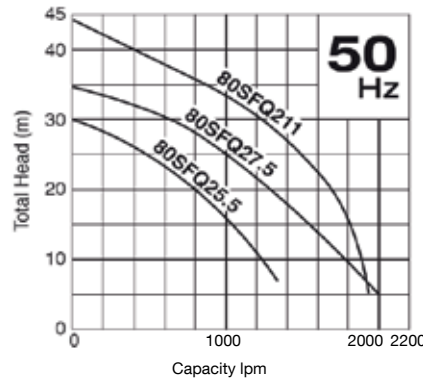
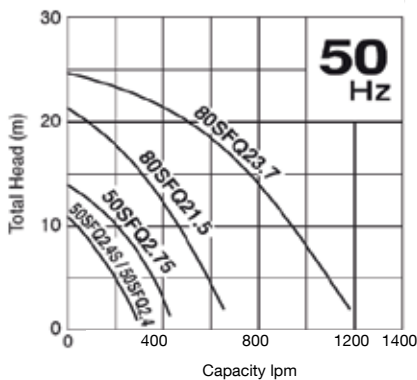
Corrosive liquids

SFQ SERIES - CAST 316 STAINLESS STEEL



The SFQ-series is made of austenitic cast 316 stainless steel. It is ideal for pumping corrosive liquid in chemical plants or other industrial plants. The pump is a highly specialist pump terms of design and materials.

Bore mm	Model	Motor Output kW	Phase	Head max. m	Capacity max. l/min	Starting Method	Dry Weight kg	Max. Solid Handling mm	Cable Length m
50	50SFQ2.4	0.4	3-phase	11.2	275	d.o.l.	20	6	10
50	50SFQ2.75	0.75	3-phase	14.2	430	d.o.l.	22	6	10
80	80SFQ21.5	1.5	3-phase	20.9	650	d.o.l.	36	6	10
80	80SFQ23.7	3.7	3-phase	24.6	1180	d.o.l.	50	15	10
80	80SFQ25.5	5.5	3-phase	30	1340	d.o.l.	124	18	10
80	80SFQ27.5	7.5	3-phase	34.8	2000	d.o.l.	123	23	10
80	80SFQ211	11	3-phase	44	1950	d.o.l.	143	23	10



SQ pump shown with TOS guide rail fitting

Water Treatment



TRN Self Aspirating Submersible Aerator - COST EFFECTIVE AERATION

The TRN is designed for very high oxygen transfer efficiency to promote the aerobic water treatment process

- Non-clog impellers.
- Motors range from 0.75kW to 40kW.
- Can operate in water depth of 9.75m with supplemental blower.
- Powerful stirring and mixing capabilities for convectional circulation.
- Compact shape and design.
- Self aspiration of oxygen eliminates need for compressed air.

Self priming, low maintenance, easy installation.

FREE Aerator Selection Guide and Technical Manual available



BER SERIES - MIXER/AERATOR

The BER is designed for both very high oxygen transfer and excellent mixing. The BER is used in Sequence Batch Reactors where high oxygen transfer is required during the aeration cycle and when the air is shut off, mixing only during the anaerobic cycle.

- Ideal for SBR treatment systems.
- Superior oxygen transfer rate during aeration cycle.
- Excellent mixing for anaerobic cycle when aspirating air is off.
- Submersible aspirating aerators range in size 0.75 kW to 5.5 kW.
- Self aspiration of oxygen eliminates need for compressed air.

KE & KM Bar Screens

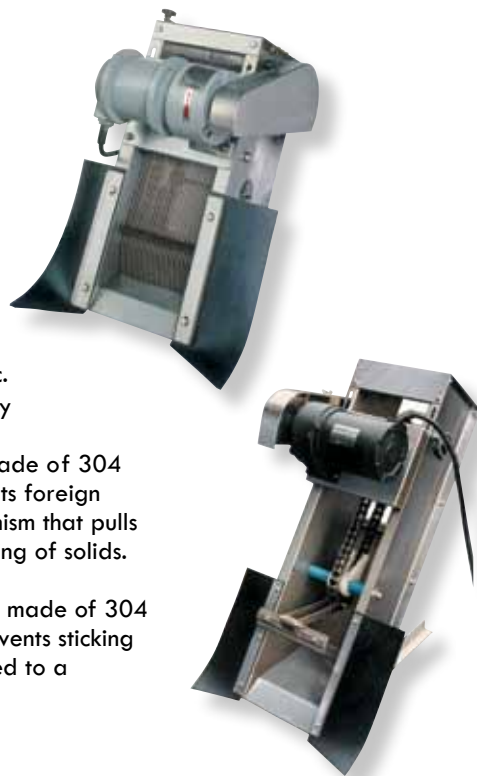
Mechanically cleaned bar screens; designed for the small plant inflows to remove solids from the wastewater, eliminating solids from aeration & clarification tanks. Screen capacity range to 2,750 lpm. Bar spacing range from 1mm to 50mm. Screen is fabricated in 304 stainless steel for corrosion resistance.

APPLICATION

- Primary treatment at a factory wastewater treatment plant
- Screening suspended solid from kitchen effluent at hotel, factory, hospital, etc.
- Screening suspended solid from wastewater at small scale wastewater facility

The KE/KS SERIES are front-type mechanical bar screens in which major parts are made of 304 stainless steel. The saw teeth on each rake travel between screen bars, which prevents foreign matters from lodging in the screen bars. The KS-series has an eccentric roller mechanism that pulls the rake out of the screen bars at the solids releasing point and eliminates the jamming of solids.

The KM/KMA SERIES are rear-type mechanical bar screens in which major parts are made of 304 stainless steel. The chain and sprocket do not come in contact with the liquid that prevents sticking of solids to the rotating parts. Being a self-standing design, it can be directly installed to a U-shaped waterway.



FHP Series decanting pump

The FHP-series is a decanting pump that detects the sludge surface and only pumps the supernatant liquid without any sediment.

Bore (mm)	Model	Motor Output KW	Phase	Starting Method	Dry Weight kg FREE STANDING	Head Max. m	Capacity max./min	Cable length m
40	FHP2-3	0.25		Capacitor	29.5	8	200	6
40	FHP2-3T	0.25		Capacitor	27.5	8	200	6
50	FHP-4	0.4	single	Capacitor	29	10	280	6
50	FHP-4T	0.4	3-phase	d.o.l.	27	10	280	6
50	FHP3-8T	0.75	3-phase	d.o.l.	27.5	13	420	6
80	FHP2-15T	1.5	3-phase	d.o.l.	60	11	800	6

FSP Series skimmer pump

The FSP-series is a scum skimmer incorporating a jet injector. It guarantees a stable sucking process even if water, air, and suspended matter are drawn in from water surface simultaneously.

Bore mm	Model	Motor Output KW	Phase	Starting Method	Speed	Max. Solid Handling mm	Cable length m
50	4-FSP	0.4	3-phase	d.o.l.	3000	16	6
50	8-FSP	0.75	3-phase	d.o.l.	3000	22	6



Pump selection software & detailed specs available