

3 PHASE CUTTER



The **C** series of cutter pumps are for sewage where destructible solids need to be reduced and pumped over a short or medium distance. The impeller rotates against a serrated suction cover to cut solids before pumping. Construction is in cast iron and they are fitted with high-performance motors. Available in three-phase only. They are supplied with a bare delivery flange; elbows (for free-standing use) and auto-coupling sets (for guide rail applications), are optional extras (see page 85).

When a Tsurumi sewage pump is being selected as a replacement for an existing Flygt pump installation, a guide hook adaptor is available as an optional extra (see page 85). This is suitable for use with all 3" and 4" sewage pumps and permits retro-fitting a Tsurumi to existing Flygt guide rail installations.

Fluid: Water | Sewage | Water with suspended material | Temperature: 0 - 40°C

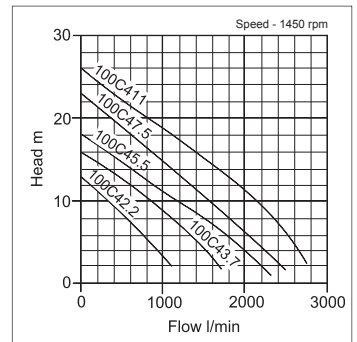
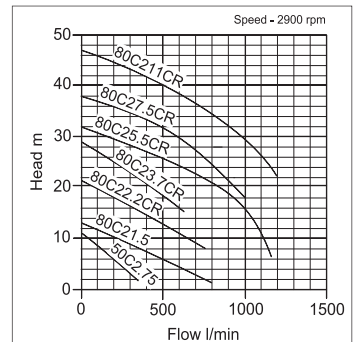
Application: Industry | Pumping stations | Sewage treatment | Food processing



C	Impeller	Shaft seal
	Single channel	Double mechanical

Pump	Lifting eyes	Bearing housing	Impeller	Impeller (80/CR)
	S/S 304	Grey cast iron	Grey cast iron	Chromium iron
	Suction cover	Suction cover (80/CR)	Shaft (C.75, 5.5-11)	Shaft (C1.5-3.7, 80/CR)
	Ductile iron	Chromium iron	S/S 403	S/S 4202J2
	Shaft seal	Lubrication	Stand (C.75 - 1.5)	Stand (C2.2 - 3.7/CR)
	Silicon carbide	Oil	Ductile iron	Steel
	Stand (100C2.2 - 3.7)	Stand (C5.5 - 11/CR)	Stand (100C5.5 - 11)	
Steel	Grey cast iron	Grey cast iron		

Motor	Poles, protection	Insulation (C.75, 2.2, 3.7)	Insulation	Thermal protection
	2 pole, IP68	Class E	Class F	Integral
	Starting	Starting (11kW)	Motor casing	Power cable (10mtr)
	D.O.L.	Star-delta	Grey cast iron	Rubber



80C21.5
free-standing
(elbow is an optional extra)



Flygt guide
hook adaptor
(optional extra)

item code	model	bore (mm)	kW	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm) *inc elbow	dry weight (kgs)	optional item 1 (elbow)	optional item 2 (auto-coupling)
10-10-1126	50C2.75	50	0.75	400	340	11.5	21	250x405x415	24	BEND 50	TOS3-50
10-10-1046	80C21.5	80	1.5	400	800	13	37	250x446x536	36	BEND 80	TOS3-80-80
10-10-1047	80C22.2CR	80	2.2	400	750	21	20 x 31	260x519x611	70	BEND 80 80	TOSH-80
10-10-1232	100C42.2	100	2.2	400	1100	13	44	331x596x610	70	BEND 80-100	TOS3-80-100
10-10-1245	80C23.7CR	80	3.7	400	650	29	22 x 31	260x519x613	70	BEND 80 80	TOSH-80
10-10-1113	100C43.7	100	3.7	400	1700	16	60	333x599x690	86	BEND 80-100	TOS3-80-100
10-10-1246	80C25.5CR	80	5.5	400	1340	32	29 x 23	345x615x879	125	BEND 80 80	TOSH-80
10-10-1080	100C45.5	100	5.5	400	2290	18	40	400x687x824	140	BEND 100-100	TOS3-100-100
10-10-1081	80C27.5CR	80	7.5	400	1000	38	26 x 23	345x615x879	130	BEND 80 80	TOSH-80
10-10-1242	100C47.5	100	7.5	400	2500	23	40	400x687x814	159	BEND 100-100	TOS3-100-100
10-10-1243	80C211CR	80	11	400	1200	47	26 x 25	345x615x927	160	BEND 80 80	TOSH-80
10-10-1141	100C411	100	11	400	2750	26	50	431x710x1000	184	BEND 100-100	TOS3-100-100