



UZ

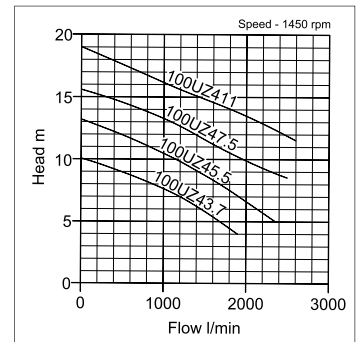
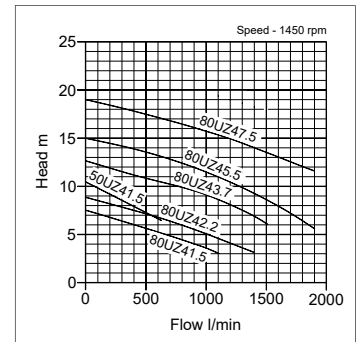
SOLIDS: 50mm to 100mm

The **UZ** series have vortex impellers and wide pump casings, for pumping large volumes of sewage and waste which contains fibrous material, submerged debris and very large solids. Construction is in cast iron and they are fitted with high-performance, 4 pole motors, to give improved longevity and wear resistance. 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: Agriculture | Industry | Pumping stations | Sewage treatment



UZ	Impeller	Shaft seal
	Vortex	Double mechanical

Pump	Lifting eyes	Bearing housing	Impeller	Shaft
	S/S 304	Grey cast iron	Grey cast iron	S/S 4202J2
	Shaft seal	Lubrication	Pump casing & stand	
	Silicon carbide	Oil	Grey cast iron	

Motor	Poles, protection	Insulation (80UZ.75)	Insulation	Thermal protection
	4 pole, IP68	Class E	Class F	Integral
	Starting	Starting (11kW)	Motor casing	Power cable (10mtr)
	D.O.L.	Star-delta	Grey cast iron	Rubber



100UZ43.7
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)
10-10-1271	50UZ41.5	50	1.5	400	640	10.2	50	250x405x566	52	BEND 50	TOS3-50
10-10-1190	80UZ41.5	80	1.5	400	1100	7.5	80	261x531x637	66	BEND 80 80	TOS3-80-80
10-10-1251	80UZ42.2	80	2.2	400	1400	9	80	261x531x637	66	BEND 80 80	TOS3-80-80
10-10-1198	80UZ43.7	80	3.7	400	1500	12.5	80	291x557x688	72	BEND 80 80	TOS3-80-80
10-10-1023	100UZ43.7	100	3.7	400	1900	10	100	314x628x737	79	BEND 100 100	TOS3-100-100
10-10-1034	80UZ45.5	80	5.5	400	1900	15	80	358x595x899	129	BEND 80 80	TOS3-80-80
10-10-1045	100UZ45.5	100	5.5	400	2350	13	100	358x652x939	145	BEND 100 100	TOS3-100-100
10-10-1099	80UZ47.5	80	7.5	400	1900	19	80	358x595x920	142	BEND 80 80	TOS3-80-80
10-10-1075	100UZ47.5	100	7.5	400	2500	15.5	100	358x652x960	158	BEND 100 100	TOS3-100-100
10-10-1048	100UZ411	100	11	400	2600	19	100	358x660x1021	178	BEND 100 100	TOS3-100-100