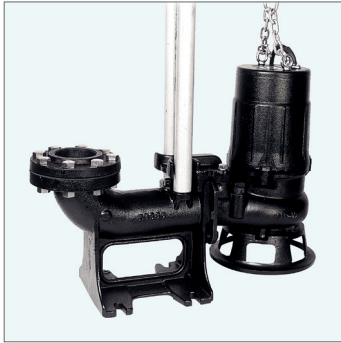


SUBMERSIBLE SEWAGE

B

SOLIDS: 19mm to 75mm

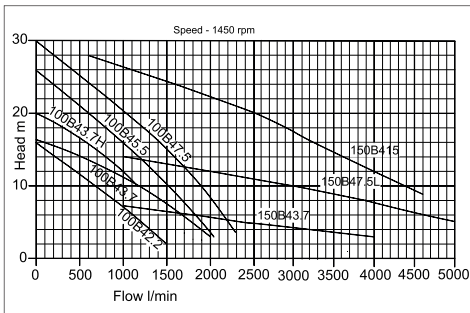
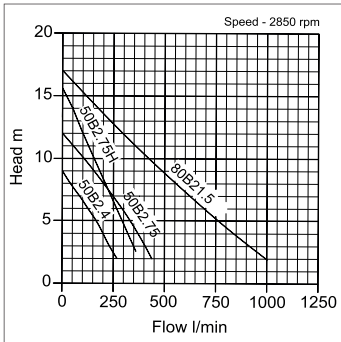


The **B** series have channel impellers and wide pump casings, for pumping large volumes of sewage and waste which contains fibrous material, submerged debris and large solids. Construction is in cast iron and they are fitted with high-performance 2 pole and 4 pole motors. Available in three-phase only. 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



B	Impeller	Shaft seal
	Single channel (Dual channel: 5.5 - 15kW)	Double mechanical

Pump	Lifting eyes	Bearing housing	Impeller	Suction cover
	S/S 304	Grey cast iron	Grey cast iron	Ductile iron
	Suction cover (0.75-15kW)	Shaft	Shaft (1.5 - 3.7kW)	Shaft seal
	Grey cast iron	S/S 403	S/S 4202J2	Silicon carbide
	Lubrication	Stand (0.75-1.5kW + 5.5-15kW)		Stand (2.2-3.7kW)
	Oil	Ductile iron	Steel	

Motor	Poles, protection (0.75 - 1.5)	Poles, protection	Insulation	Insulation (1.5, 5.5 - 15kW)
	2 pole, IP68	4 pole, IP68	Class E	Class F
	Thermal protection	Starting	Starting (11kW)	Motor casing
	Integral	D.O.L.	Star-delta	Grey cast iron
	Power cable (10mtr)			
	Rubber			



Flygt guide hook adaptor
(optional extra)



80B21.5 free-standing
(elbow is an 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)
10-10-1285	50B2.4	50	0.4	400	265	9	19	224x347x443	23	BEND 50	TOS3-50
10-10-1295	50B2.75H	50	0.75	400	365	15.5	20	250x405x415	25	BEND 50	TOS3-50
10-10-1121	50B2.75	50	0.75	400	440	12	20	250x405x436	25	BEND 50	TOS3-50
10-10-1117	80B21.5	80	1.5	400	1000	17	40	250x446x536	36	BEND 80	TOS3-80-80
10-10-1230	100B42.2	100	2.2	400	1500	16	45	331x569x616	70	BEND 80-100	TOS3-80-100
10-10-1211	100B43.7	100	3.7	400	2000	16	53	339x575x690	86	BEND 80-100	TOS3-80-100
10-10-1090	100B43.7H	100	3.7	400	1150	20	35	331x569x666	84	BEND 80-100	TOS3-80-100
10-10-1303	150B43.7	150	3.7	400	4000	7	53	486x871x875	145	BEND 150-150	TOS-150A
10-10-1036	100B45.5	100	5.5	400	2050	26	40	400x687x824	147	BEND 100-100	TOS3-100-100
10-10-1025	100B47.5	100	7.5	400	2260	30	40	400x687x814	169	BEND 100-100	TOS3-100-100
10-10-1308	150B47.5L	150	7.5	400	5000	14	60	486x871x1085	200	BEND 150-150	TOS-150A
10-10-1313	150B415	150	15	400	4500	28	75	490x895x1168	270	BEND 150-150	TOS-150A