

SUBMERSIBLE

UNSCREENED SEWAGE – SINGLE CHANNEL IMPELLER

BZ

- 3" (80mm) – 4" (100mm) outlet
 - 80mm passage
 - free-standing
 - guide rail option
 - 400 volts
- ✓ Packaged pumping stations
 - ✓ Commercial and Industrial
 - ✓ Treatment plants

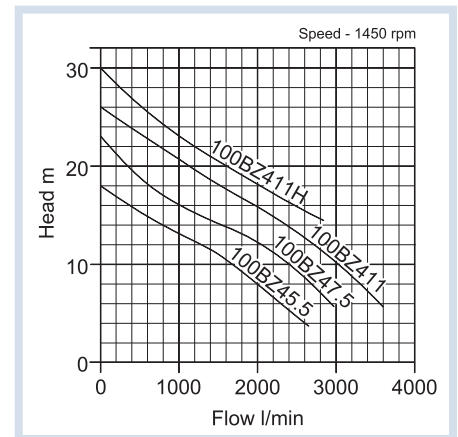
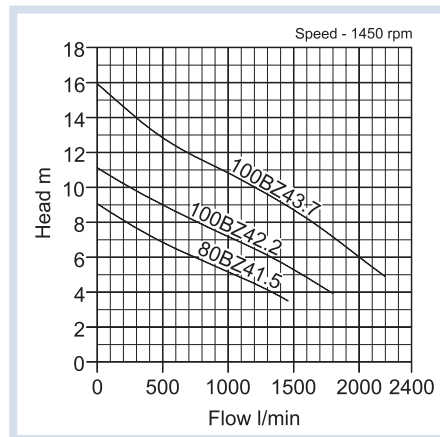
The **BZ** sewage pumps are of cast iron construction and are fitted with shrouded single-channel impellers. This design provides substantial flows and enables the pump to pass 80mm solid particles without clogging, and provides reliable operation in pumping stations, sewage works and effluent processing. Pumping capacity exceeds many other pump brands of a similar design. Available in three-phase only. The 403 (<3.7kW)/ 420 (>5.5kW) stainless steel shaft is fitted with an ultra hardwearing, silicon carbide, double mechanical seal (in an oil chamber). They are available free-standing (**BZ**) or for fixed installations (**AC~BZ**), when supplied with the guide rail (auto-coupling) kit. The latter includes a pedestal, guide hook, top bracket and lifting chain, but not rails. Supplied with 10 metres of heavy duty, H07RN-F rubber power cable.



100BZ
free-standing

ACCESSORIES

- Control Panels page 49
- Float switches page 48
- Swing valves page 102



model (free-standing)	outlet (BSPF)	kW	start	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm)	weight (kgs)
80BZ41.5	3"	1.50	D.O.L.	400	1450	9	80	273x523x631	78
100BZ42.2	4"	2.20	D.O.L.	400	1800	11	80	273x551x631	78
100BZ43.7	4"	3.70	D.O.L.	400	2200	16	80	289x584x681	98
100BZ45.5	4"	5.50	D.O.L.	400	2650	18	80	421x716x925	149
100BZ47.5	4"	7.50	D.O.L.	400	2950	23	80	421x716x946	165
100BZ411H	4"	11.0	S.D.	400	2850	30	80	431x727x1023	222
100BZ411	4"	11.0	S.D.	400	3600	26	80	431x727x1023	222
(fixed-guide rail option) AC80-100BZ - all models	supplied with pedestal, guide hook, top bracket, S/S lifting chains and anchor bolts.								