

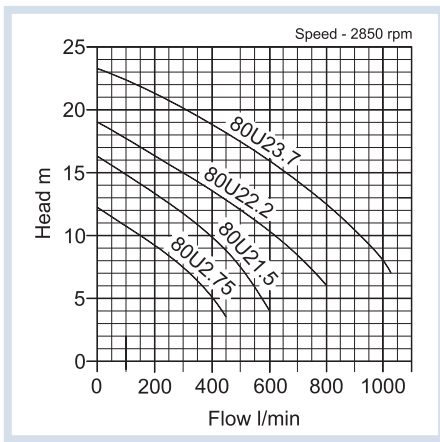
# SUBMERSIBLE

UNSCREENED SEWAGE – VORTEX IMPELLER

## 80U2

- 3" (80mm) outlet
- 46mm – 56mm passage
- free-standing
- guide rail option
- 400 volts
- ✓ Packaged pumping stations
- ✓ Commercial and Industrial
- ✓ Treatment plants
- ✓ Agriculture

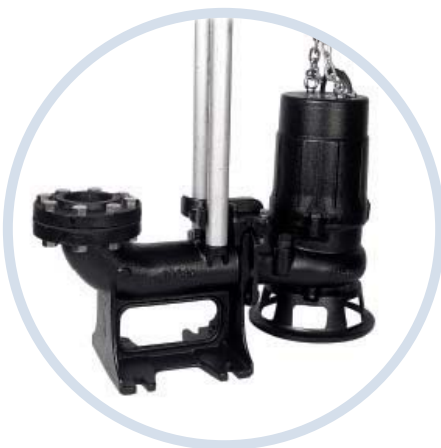
The **80U2** series vortex impeller sewage pumps are of cast iron construction and provide excellent free passage for the uninterrupted flow of suspended solids and fibrous material found in some municipal and industrial duties. They are particularly popular and effective in agricultural applications. Available in three-phase only. The 403 stainless steel shaft is fitted with an ultra hardwearing, silicon carbide, double mechanical seal (in an oil chamber). They are available free-standing (**80U2**) or for fixed installations (**AC80U2**) when supplied with the guide rail (auto-coupling) kit. The latter includes a pedestal, guide hook, top bracket and lifting chain, but not rails. A range of explosion proof pumps, incorporating vortex impellers, can be found on page 38. Supplied with 10 metres of heavy duty, H07RN-F rubber power cable.



**80U21.5 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)
80U2.75	3"	0.75	D.O.L.	400	450	12	46	173x383x419	29
80U21.5	3"	1.50	D.O.L.	400	600	16	46	200x420x501	42
80U22.2	3"	2.20	D.O.L.	400	800	19	56	240x502x562	55
80U23.7	3"	3.70	D.O.L.	400	1025	23.5	56	234x502x565	75
(fixed-guide rail option) AC80U - all models	supplied with pedestal, guide hook, top bracket, S/S lifting chains and anchor bolts.								