

SUBMERSIBLE

CX series, sewage cutter pumps, comply with the ATEX directive 94/9/EC and have explosion proof motors. ATEX classification is Eexd-IIB-T4-II-2-G. They are intended for use in potentially explosive atmospheres created by gases, mists and vapours. They are classified for use in Group II areas (surface industries, but not mining), and Category 2-G gases ("hazardous atmospheres... likely... for short periods"). They are of a cast iron construction with a single channel, hardened iron impeller, which rotates against a serrated suction cover to cut solids before pumping. They are suitable for effluent transfer, in municipal or industrial applications, where suspended solids need to be reduced in size. 1.6kW models have 2 pole motors, while 2.3 to 3.8kW have 4 pole. The series is available in three phase only. The 420 stainless steel shaft is fitted with an ultra hardwearing, silicon carbide, double mechanical seal (in an oil chamber). They are available free-standing (**C**), or for guide rail mounting (**AC~C**) when supplied with the auto-coupling accessory. 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.

CX

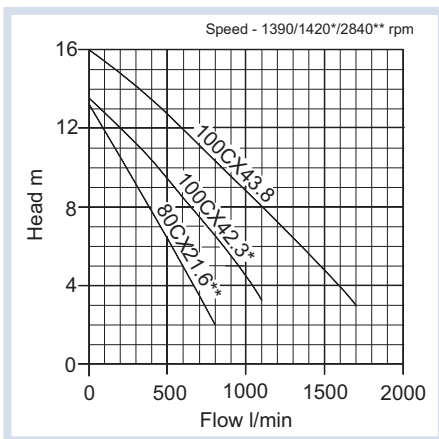


UNSCREENED SEWAGE - CUTTER

- ✓ Packaged pumping stations
- ✓ Domestic, Commercial and Industrial
- ✓ Treatment plants
- 3" (80mm) – 4" (100mm) outlet
- 43mm – 81mm passage
- free-standing
- guide rail option
- 400 volts

ACCESSORIES

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- Swing valves page 102
- Gate valves page 102



80CX21.6 free-standing

model (free-standing)	outlet (BSPF)	kW	start	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm)	weight (kgs)
80CX21.6	3"	1.60	D.O.L.	400	810	13.2	43x60	250x446x695	52
100CX42.3	4"	2.30	D.O.L.	400	1100	13.5	67x56	324x597x761	78
100CX43.8	4"	3.80	D.O.L.	400	1700	16.0	70x81	333x602x838	94
(fixed-guide rail option) AC80-100CX - all models	supplied with pedestal, guide hook, top bracket, S/S lifting chains and anchor bolts.								