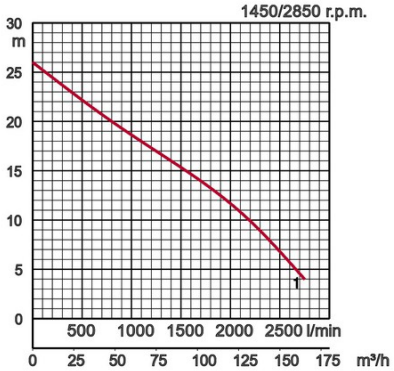
Canal impeller with cutter mechanism

C 3-phase 50Hz

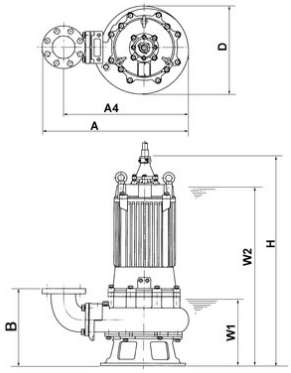
Specifications:

Model		Colour code curve	Bore mm	Power output kW	Phases	r.p.m.	Head max. m	Capacity max. l/min	Starting method	Dry weight kg without cable		Impeller passage mm
free standing	with guide rail fitting									free standing	with guide rail fitting	
100C411	TOS100C411	1	100	11	3	1450	26,0	2750	star/delta	184,0	177,0	50

Carbide blades in an impeller-integrated structure cut up fibrous matter.



ø Discharge bore mm			100mm
Pumping Fluid	Temperature		0-40°C
	Type of Fluid		Wastewater and liquid carrying waste and foreign matters
Pump	Compo-nents	Impeller	Non-clog impeller with cutter mechanism
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Grey iron casting EN-GJL-200 with sintered tungsten carbide alloy tip
		Casing	Grey iron casting EN-GJL-200
		Suction Plate	Ductile iron casting EN-GJS-700-2
		Shaft Seal	Silicon carbide in oil bath
Motor	Type, Poles		Induction motor, 4 poles, IP68
	Lubrication		Turbine oil (ISO VG32)
	Insulation		Insulation class F
	Motor Protector (built-in)		Circle thermal cut-out
	Phase / Voltage		3-phase / 400V / 50Hz / s.d.
	Material	Casing	Grey iron casting EN-GJL-200
		Shaft	Stainless steel EN-X30Cr13
		Cable	Rubber, 10m H07RN-F
Discharge Connection			Inside thread, JIS10K flange
Optional Accessories			Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types



Model	A	A4	B	D	H	W1	W2
100C411	710	605	372	431	1000	300	840

W1: lowest running water level

Updated 11/2016

Please mind: discharge bend, duck foot bend and stand set are accessories and must be ordered separately