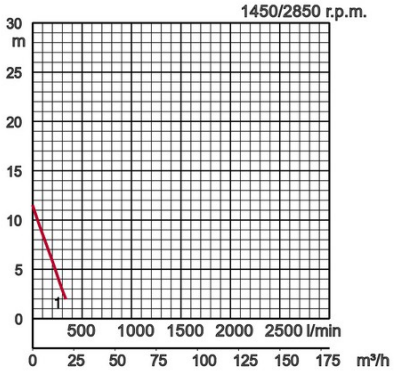
Canal impeller with cutter mechanism

C 3-phase 50Hz

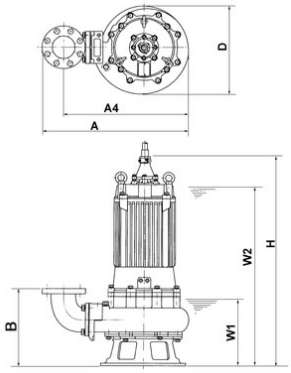
Specifications:

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	
50C2.75	TOS50C2.75	1	50	0,75	3	2850	11,5	335	direct	24,0	23,0	21

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



ø Discharge bore mm			50mm
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, 2 poles, IP68
	Lubrication		Turbine oil (ISO VG32)
	Insulation		Insulation class E
	Motor Protector (built-in)		Circle thermal cut-out
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Material	Casing	Grey iron casting EN-GJL-150
		Shaft	Stainless steel EN-X6Cr13
		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



W1: lowest running water level

Model	A	A4	B	D	H	W1	W2
50C2.75	405	351	196	250	415	145	385

Updated 10/2016

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