

Canal impeller with cutter mechanism



C 3-phase
50Hz

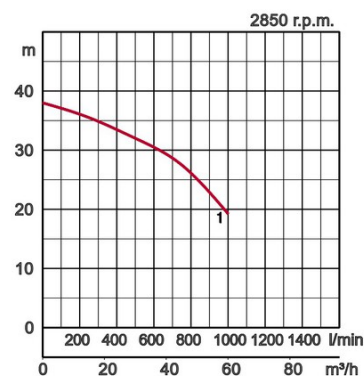
Specifications:

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	
80C27.5-CR	TOS80C27.5-CR	1		80	7,5	3	2850	38,0	1000	direct	130,0	122,0	26x23

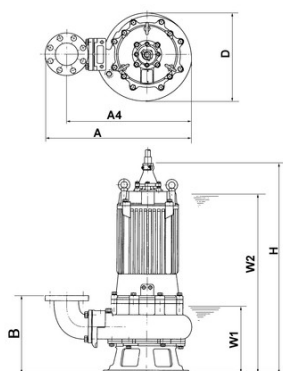


Carbide blades in an impeller-integrated structure cut up fibrous matter.

ø Discharge bore mm		80mm	
Pumping Fluid	Temperature		0-40°C
	Type of Fluid		Wastewater and liquid carrying waste and foreign matters
Pump	Components	Impeller	Non-clog impeller with cutter mechanism
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Chromium iron casting with sintered tungsten carbide alloy tip
		Casing	Grey iron casting EN-GJL-200
		Suction Plate	Chromium iron casting
		Shaft Seal	Silicon carbide in oil bath
Motor	Type, Poles		Induction motor, 2 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 / d.o.l.
	Material	Casing	Grey iron casting EN-GJL-150
		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
80C27.5-CR	615	522	320	345	879	225	745



W1: lowest running water level