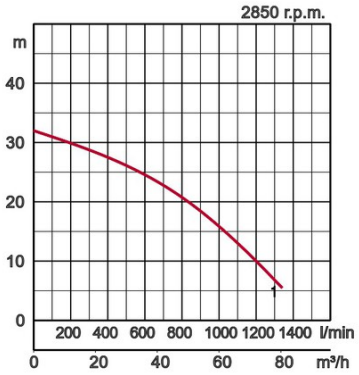
Canal impeller with cutter mechanism

3-phase
50Hz

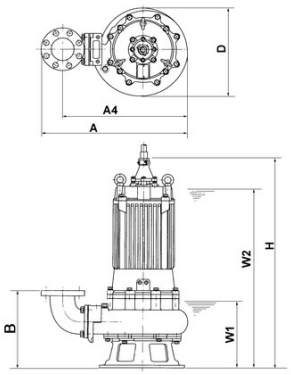
Specifications:

Model	Colour code curve	Bore mm	Motor output kW	Rated current A	Head max. m	Capacity max. l/min	Dry weight kg w/o cable	Max. solid handling ø mm	Pressure resistance max. m	Cable length m
80C25.5-CR	1			11,6	32,0	1340	125,0		15	

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	Compo-nents	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	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Motor Protector (built-in)		Circle thermal cut-out
	Lubrication		Turbine oil (ISO VG32)
	Type, Poles		Induction motor, 2 poles, IP68
	Insulation		Insulation class F
	Material	Casing	Grey iron casting EN-GJL-150
		Shaft	Stainless steel EN-X30Cr13
		Cable	Rubber, NSSHÖU
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

Dimensions in mm:

Model	A	B	D	H	W1
80C25.5-CR	615	320	345	879	225

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

Updated 08/2024