

# Canal impeller with cutter mechanism



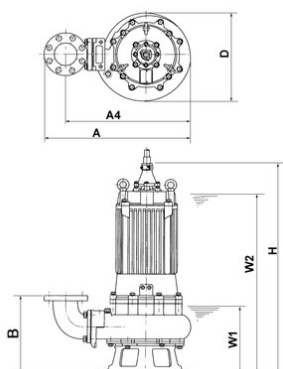
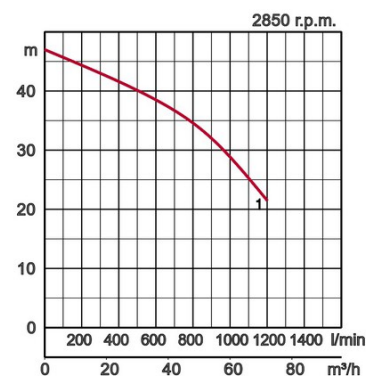
**C** 3-phase  
50Hz

## Specifications:

Model		Colour code curve	Dry weight kg without cable	
free standing	with guide rail fitting		free standing	with guide rail fitting
80C211-CR	TOS80C211-CR	<span style="color: red;">●</span>	1	



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
80C211-CR	615	522	320	345	927	225	770

W1: lowest running water level