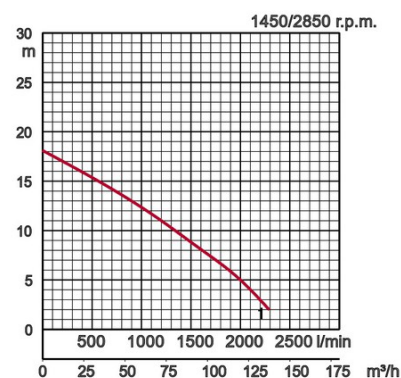


Specifications:

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
100C45.5	● 1			12,1	18,1	2290	140,0		15	

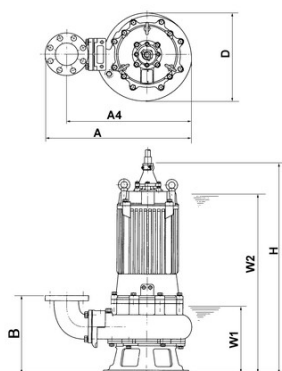
ø Discharge bore mm		100mm		
Pumping Fluid	Type of Fluid	Wastewater and liquid carrying waste and foreign matters		
	Temperature	0-40°C		
Pump	Components	Impeller	Non-clog impeller with cutter mechanism	
		Shaft Seal	Double mechanical seal	
		Bearings	Shielded ball bearings	
	Material	Impeller	Grey iron 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	
	Insulation		Insulation class F	
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.	
	Motor Protector (built-in)		Circle thermal cut-out	
	Lubrication		Turbine oil (ISO VG32)	
	Material	Casing	Grey iron casting EN-GJL-200	
		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		

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



Dimensions in mm:

Model	A	B	D	H	W1
100C45.5	687	372	400	824	335



W1: lowest running water level

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