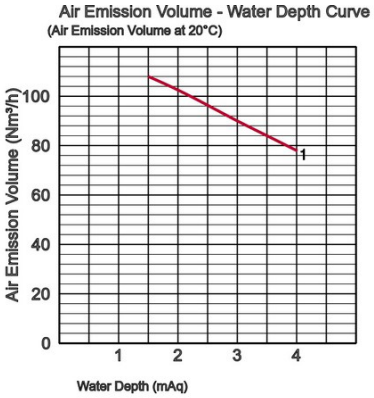
TRN 3-phase 50Hz

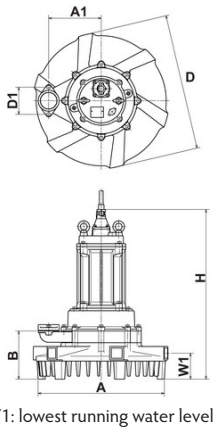
Specifications:

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
50TRN45.5	1			12,0			170,0			10

Submersible Aerators - self priming - low maintenance - easy installation



ø Air inlet			50mm
Pumping Fluid	Temperature		0-40°C
	Type of Fluid		Municipal sewage, sewage of food industry
Pump	Compo-nents	Impeller	Vortex impeller
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Stainless steel DIN-GX12Cr14
		Suction Plate	Stainless steel DIN-GX12Cr14
		Guide vane	Grey iron casting EN-GJL-200
		Air inlet	Grey iron casting EN-GJL-200
		Shaft Seal	Silicon carbide in oil bath
Motor	Type, Poles		Induction motor, 4 poles, IP68
	Insulation		Insulation class F
	Motor Protector (built-in)		Circle thermal cut-out
	Lubrication		Turbine oil (ISO VG32)
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Material	Casing	Grey iron casting EN-GJL-200
		Shaft	Stainless steel EN-X30Cr13
		Cable	Rubber, NSSHÖU
Air pipe connection			Inside thread, flange



W1: lowest running water level

Dimensions in mm:

Model	A	A1	B	D	D1	H	W1
50TRN45.5	660	271	226	700	140	835	123