



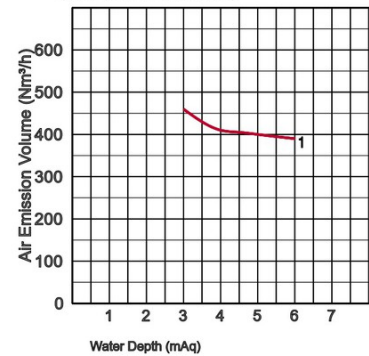
Specifications:

Diameter air pipe mm	Model	Colour code curve	Power output kW	Phases	r.p.m.	Starting method	Dry weight kg without cable	Cable m
100	100TRN424	1	24	3	1450	star/delta	460,0	20



Submersible Aerators - self priming
- low maintenance - easy installation

Air Emission Volume - Water Depth Curve
(Air Emission Volume at 20°C)



ø Air inlet		100mm	
Pumping Fluid	Temperature	0-40°C	
	Type of Fluid	Municipal sewage, sewage of food industry	
Pump	Components	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
	Lubrication		Turbine oil (ISO VG32)
	Insulation		Insulation class F
	Motor Protector (built-in)		Circle thermal cut-out
	Phase / Voltage		3-phase / 400V / 50Hz / s.d.
	Material	Casing	Grey iron casting EN-GJL-200
		Shaft	Stainless steel EN-X20Cr13
Cable		Rubber, NSSHÖU	
Air pipe connection		Inside thread, flange	



Model	A	A1	B	D	D1	H	SA	SB	SD	W1
100TRN424	980	385	417	1000	230	1254	345	256	760	272