



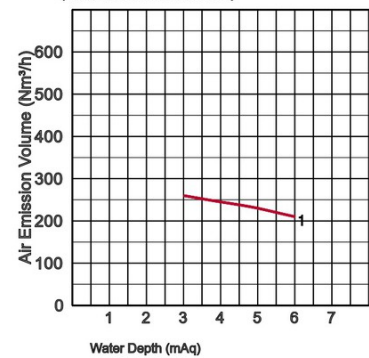
## Specifications:

Diameter air pipe mm	Model	Colour code curve	Power output kW	Phases	r.p.m.	Starting method	Dry weight kg without cable	Cable m
80	80TRN417	<span style="color: red;">●</span> 1	17	3	1450	star/delta	220,0	20



**Submersible Aerators - self priming  
- low maintenance - easy  
installation**

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



<b>ø Air inlet</b>		80mm	
<b>Pumping Fluid</b>	<b>Temperature</b>	0-40°C	
	<b>Type of Fluid</b>	Municipal sewage, sewage of food industry	
<b>Pump</b>	<b>Components</b>	<b>Impeller</b>	Vortex impeller
		<b>Shaft Seal</b>	Double mechanical seal
		<b>Bearings</b>	Shielded ball bearings
	<b>Material</b>	<b>Impeller</b>	Stainless steel DIN-GX12Cr14
		<b>Suction Plate</b>	Stainless steel DIN-GX12Cr14
		<b>Guide vane</b>	Grey iron casting EN-GJL-200
		<b>Air inlet</b>	Grey iron casting EN-GJL-200
		<b>Shaft Seal</b>	Silicon carbide in oil bath
<b>Motor</b>	<b>Type, Poles</b>		Induction motor, 4 poles, IP68
	<b>Lubrication</b>		Turbine oil (ISO VG32)
	<b>Insulation</b>		Insulation class F
	<b>Motor Protector (built-in)</b>		Circle thermal cut-out
	<b>Phase / Voltage</b>		3-phase / 400V / 50Hz / s.d.
	<b>Material</b>	<b>Casing</b>	Grey iron casting EN-GJL-200
		<b>Shaft</b>	Stainless steel EN-X30Cr13
<b>Cable</b>		Rubber, H07RN-F	
<b>Air pipe connection</b>		Inside thread, flange	



Model	A	A1	B	D	D1	H	SA	SB	SD	W1
80TRN417	660	271	246	700	140	958	245	180	585	133