



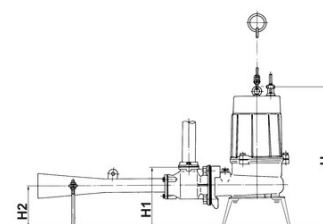
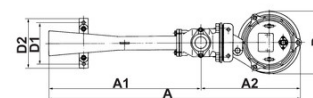
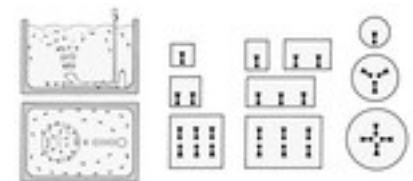
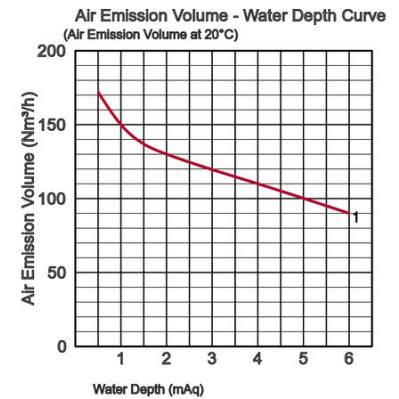
Specifications:

Diameter air pipe mm	Model		Colour code curve	Power output kW	Phases	r.p.m.	Starting method	tank dimensions			Dry weight kg without cable		
	free standing	with guide rail fitting						length max. m	breadth max. m	depth max. m	free standing	with guide rail fitting	
50	55-BER	TOS-55BER		1	5,5	3	1450	direct	7,0	7,0	6,0	149,0	132,0

This submersible aerator is composed of a B-type pump and an ejector (suction mechanism) so that both agitation and aeration can be carried out simultaneously. The BER aerator features extremely high oxygen dissolution efficiency and a non clog shaver mechanism.



ø Air inlet		50mm		
Pumping Fluid	Temperature	0-40°C		
	Type of Fluid	Municipal sewage, sewage of food industry		
Pump	Components	Impeller	Non-clog impeller	
		Shaft Seal	Double mechanical seal	
		Bearings	Shielded ball bearings	
	Material	Impeller	Grey iron casting EN-GJL-200	
		Casing	Grey iron casting EN-GJL-200	
		Suction Plate	Grey iron casting EN-GJL-200	
		Diffuser	Construction steel DIN1.0040 nylon coated	
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 / d.o.l.		
	Material	Casing	Grey iron casting EN-GJL-150	
Shaft		Stainless steel EN-X30Cr13		
Cable		Rubber, 10m H07RN-F		
Air pipe connection		Inside thread, flange		



Model	A	A1	A2	D	D1	D2	H	H1	H2
55-BER	1415	861	554	391	220	260	942	341	256