Aeration

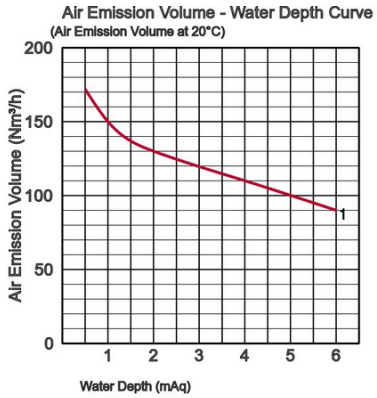
BER 3-phase 50Hz

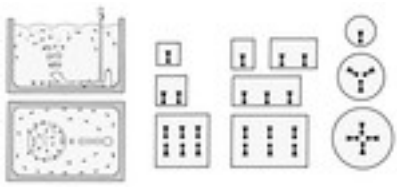
Specifications:

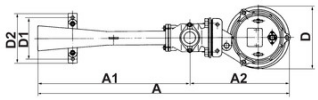
Diameter air pipe mm	Model		Colour code curve	Power output kW	Phases	r.p.m.	Starting method	tank dimensions			Dry weight kg without cable	
	free standing	with guide rail fitting						length max. m	breadth max. m	depth max. m	free standing	with guide rail fitting
50	55-BER	TOS-55BER	1	5,5	3	1450	direct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

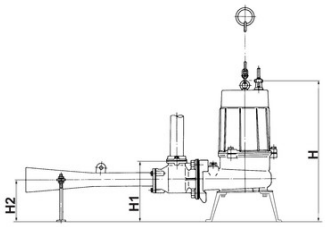
This sumbersible aerator is composed of a B-type pump and an ejector (suction mechanism) so that both agitation and aeration can be carried out simultaneously. The BER aerator features extremely high oxygen dissolution efficiency and a non clog shaver mechanism.

ø Air inlet			50mm
Pumping Fluid	Temperature		0-40°C
	Type of Fluid		Municipal sewage, sewage of food industry
Pump	Compo-nents	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

Updated 12/2016

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