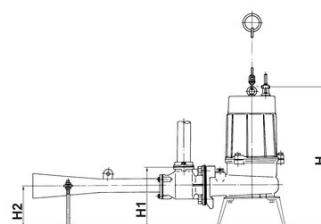
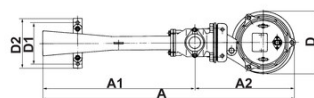
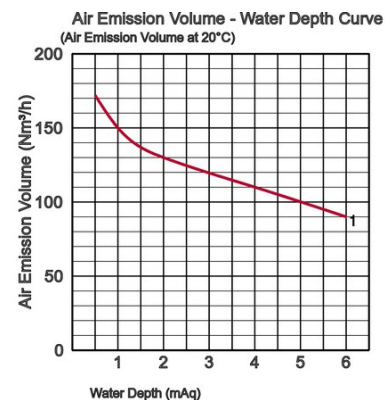


## Specifications:

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
55-BER	1			12,1			149,0			

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	Insulation		Insulation class F
	Type, Poles		Induction motor, 4 poles, IP68
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Lubrication		Turbine oil (ISO VG32)
	Motor Protector (built-in)		Circle thermal cut-out
	Material	Casing	Grey iron casting EN-GJL-150
		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	D	D1	H
55-BER	1415	861	391	220	942

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