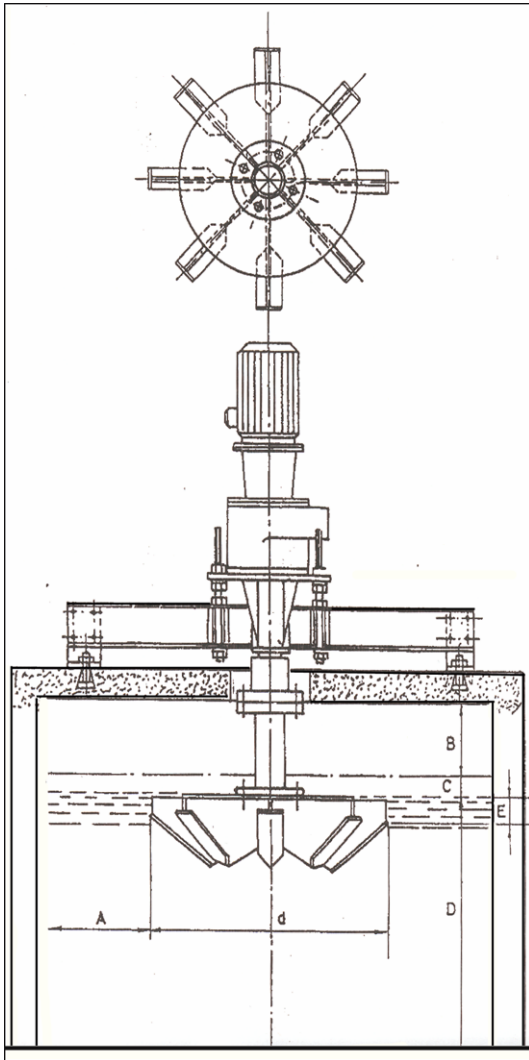


VERTICAL SHAFT AERATORS I - TYPE



Fabricated in mild steel, the I Type aerator consists of a horizontal disc with a number of vertical blades or vanes, each in the shape of an irregular pentagon, welded to the underside of the disc and a central core, a scoop is welded to the other lower sloping edge of each blade. Each aerator is supplied with a mild steel baffle to be mounted on the floor of the tank or suspended from the aerator support structure, to control the Liquid flow to the aerator. When necessary, the aerator and baffle can be coated or made in corrosion resistant material.

Supported by a bridge, a platform or a floating structure, the aerator can operate at various depths, though normally it operates immersed to the level of its horizontal disc. The depth of immersion is controllable by means of jacking screws or mechanically variable devices. In floating applications, the floating structure not only supports the aerator in the Liquid but also on land when the tank or lagoon is drained.



Model No	O ₂ Transfer	Motor Power kW	Weight Kg	(C) mm	(A) mm diagonal	(B) mm	Immersion Depth	Water Depth
I 600	40 – 70	1,5	140	500	600	- 25	100	2000±%20
I 800	160 – 260	5,5	420	800	900	- 50	150	2800±%20
I 1000	320-500	11	700	950	1100	- 60	180	3400±%20
I 1200	540-800	18,5	740	1050	1300	- 70	200	4200±%20
I 1600	900-1400	30	1400	1160	1600	- 100	200	4700±%20
I 2000	2300-3400	75	2800	1360	2100	- 140	280	5000±%20
I 2400	3300-5300	110	4100	1450	2000	- 160	290	5400±%15