

RT

The IKA-ROTOTRON® is a jet-flow agitator. Its efficiency is located between that of a normal stirrer and a dispersing machine with rotor-stator-system. It is mainly used when a mixing product has to be intensively circulated, even at high viscosities (up to approx. 15.000 mPas), as well as for unfavourable container dimensions and shapes. The special geometry of the rotor and the jet-tube allows low drive powers at nevertheless high and directed circulation capacity. The machines can be fitted in any position. Seals and operation parameters correspond to those of the ULTRA-TURRAX® UTC (see page 16). When working with higher viscosities a switch for reversing of the flow direction is recommended.

Applications

Mixing and solving of:

- Flocculents
- Gels

... and suspending of:

- Polishes
- Enamels

... and homogenizing of:

- Bath essences
- Latex-emulsionen

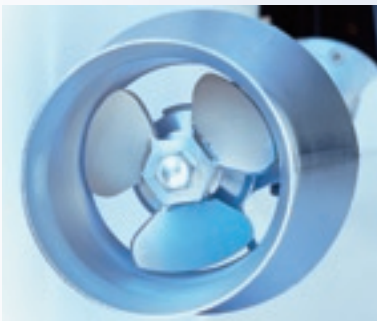
... and gassing of:

- Waste water
- Bioreactors

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Type	Recom. volume, ref. H ₂ O l	Motor power IP 55 kW	Speed 1/min	Max. length mm	Circulation capacity m³/h
ROTOTRON®					
RT 115	200 – 1.000	1,5 - 3	3.000	1.500	25
RT 150	1.000 – 5.000	3 - 4,6	3.000	1.700	60
RT 220	max. 10.000	5,5 - 8	1.500	2.300	110
RT 250	max. 15.000	7,5 - 12	1.500	2.300	145
RT 280	max. 20.000	11 - 15	1.500	2.500	200
RT 350	max. 30.000	15 - 24	1.000	2.700	225