



Stainless Turbines GTRF

Pneumatic turbine vibrators made of stainless steel.

Properties

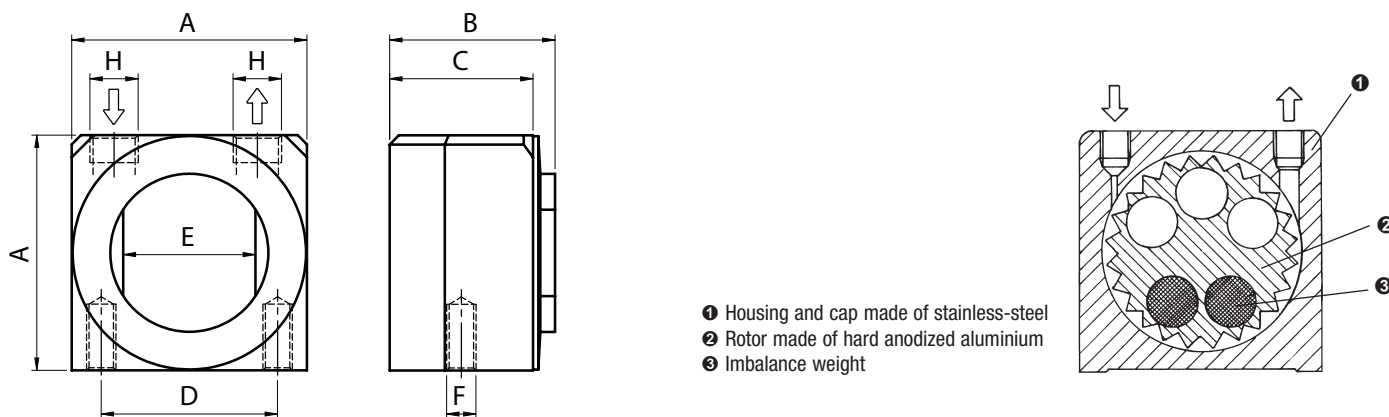
- Lubrication-free
- Low noise level
- Strong vibration by high speed and excentric working torques
- Rated frequency 14'000 – 37'000 rpm
- Centrifugal force 750 – 5'700 N
- Continuously variable
- Applicable up to 120°C, HT version on request
- Resistant against extreme environmental conditions
- Also available with ATEX certification Ex

Field of application

- For foodstuffs and pharmaceuticals
- Emptying of bunkers
- Screen filters
- Vibrating tables
- Preventing adhesions in pipelines and silos
- Transporting of fine powders
- Moving of bulk solids

Construction

- Vibration by the centrifugal force of positive and negative imbalanced torques in the rotor.
- Rotor on two pre-lubricated and enclosed ball bearings arranged in pairs, lubricated with special grease for long life.
- Stainless steel 316Ti (1.4571).



Dimensions and weights

Model	A [mm]	Width [mm]	C [mm]	D [mm]	E [mm]	F	H Thread	Weight [kg]
GT-10-RF	49	38	32	36	27	M6	G 1/8"	0.52
GT-16-RF	64	45	39	48	36	M8	G 1/4"	1.00
GT-25-RF	78	55	49	60	50	M10	G 1/4"	1.81

Technical data

Model	Vibrations [x 1000 min ⁻¹]			Centrifugal force [N]			Air consumption [l/min]		
	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
GT-10-RF	27.0	32.0	37.0	750	1'350	2'100	46	80	112
GT-16-RF	20.0	23.0	27.5	1'700	2'500	3'700	120	200	290
GT-25-RF	14.0	17.0	19.5	2'500	4'150	5'700	185	325	455