

Data Sheet

Pneumatic turbine vibrator (aluminum)

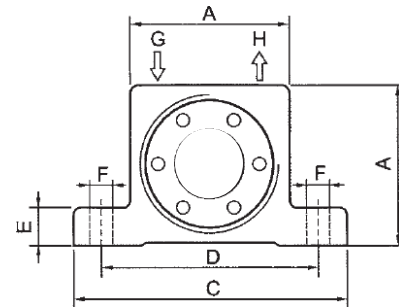
- Typical applications

Vibrating table
Filter sieve
Storage bin emptying
Material conveying
Prevent hanging on the wall in pipeline of storage bin



- Structure

Creating the vibration force by the positive and negative unbalanced torque on the wheel, the wheel is supported by the fully enclosed ball shaft which is pre-lubricated, the bearing contains special lubrication grease which ensures long life and adapts to different situations.



- Dimensions

Item No.	A	Thickness	C	D	E	F	G	H	Weight
	mm	mm	mm	mm	mm	mm	G thread	G thread	kg
3193101	40	28	70	56	10	6	G1/8	G1/8	0.15
3193102	40	28	70	56	10	6	G1/8	G1/8	0.15
3193103	50	33	86	68	12	7	G1/8	G1/8	0.3
3193104	50	33	86	68	12	7	G1/8	G1/8	0.32
3193105	65	42	113	90	16	9	G1/4	G1/4	0.6
3193106	65	42	113	90	16	9	G1/4	G1/4	0.63
3193107	80	56	128	104	16	9	G1/4	G1/4	1.1
3193108	80	56	128	104	16	9	G1/4	G1/4	1.13
3193109	100	73	160	130	20	11	G3/8	G3/8	2.25
3193110	100	73	160	130	20	11	G3/8	G3/8	2.28

- Performance parameters

Item No.	Vibration times/min.			Vibration force (N)			Air consumed L/min.		
	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
3193101	14100	15100	16100	135	160	200	30	40	50
3193102	11500	12500	13500	130	165	210	30	40	50
3193103	35850	4300	45900	980	2100	2950	48	75	152
3193104	26950	34800	37600	850	1400	2450	48	75	152
3193105	25950	30050	39800	1450	2450	3700	125	210	280
3193106	16950	21800	24100	1250	2100	3150	125	210	280
3193107	16950	19800	23100	2180	4050	5500	188	215	465
3193108	11980	15600	17100	2150	3550	5600	188	215	465
3193109	12990	14010	16100	3400	5450	7550	335	520	755
3193110	7990	10100	13000	3300	5380	7180	335	520	755

Remark: The data in above form taken from Kistler triaxial dynamometer on heavy test platform, when the installation rigidity is poor, the frequency and force will become lower.