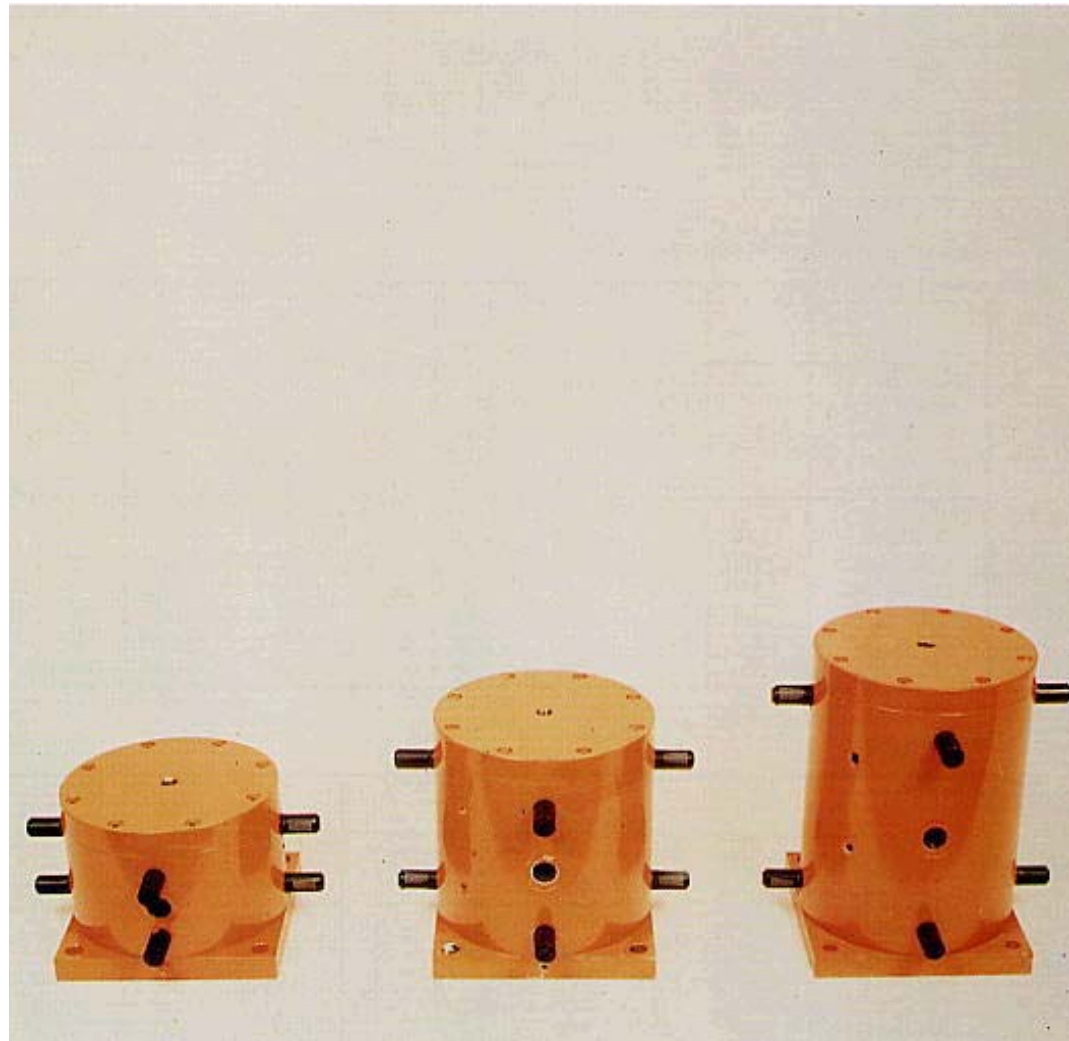




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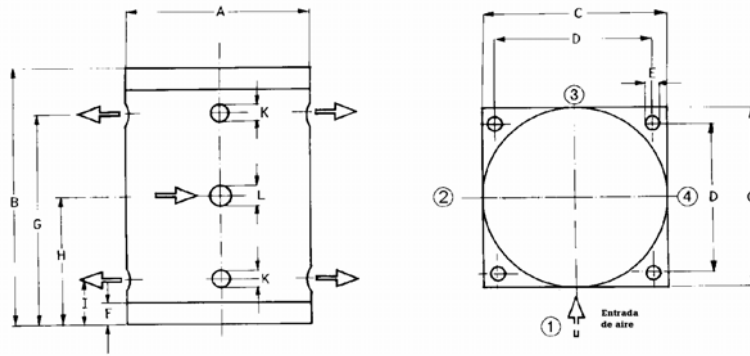


**Piston pneumatic
vibrators**

NTS serie

- Frequency regulation through the inlet air.
- Amplitude progressive regulation through the exhaust air.
- No maintenance required.
- Reduced noise level, between 78 and 85 dB.
- Starts and stops instantly.
- Explosion-proof.

Piston pneumatic vibrators. NTS serie.



Technical characteristics

Type	Group	Frequency vpm			Dynamic force N			Working moment cm.kg			Air consumption l/min		
		2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
NTS 75/01	1	2890	3780	4450	400	770	1180	0,9	1,0	1,1	105	233	368
NTS 50/01	1	2280	2736	3260	450	750	1130	1,6	1,8	1,9	101	220	342
NTS 70/02	1	2280	2760	3560	600	1290	2500	2,1	3,1	3,6	150	350	490
NTS 54/02	1	1630	2350	2760	450	1210	2130	3,1	4,0	5,1	100	300	420
NTS 50/04	1	2000	2500	3000	1130	2390	3500	5,2	7,0	7,1	126	282	450
NTS 50/10	2	1800	2300	2850	2160	4930	8020	13	17	18	150	700	940
NTS 30/10	2	840	1044	1300	1940	4780	8900	50	80	96	280	730	1060
NTS 50/20	2	1940	2120	2800	8050	13730	18640	39	56	43	460	960	1320
NTS 30/20	2	1200	1300	1750	5890	12750	19600	75	138	117	600	1300	1800
NTS 24/20	2	980	1200	1420	6870	14700	20600	130	186	186	600	1200	1750
NTS 50/40	2	1600	2150	2650	7260	16700	26500	52	66	69	600	1750	2850
NTS 20/40	2	850	1080	1310	12750	23550	31400	329	368	328	450	800	1500

Dimensions and weights

Type	A	B	C	D	E	K	L	Posiciones escape aire	Body	Piston	TOTAL
	mm					Inches			kg	kg	
NTS 75/01	80	115	90	72	8,5	1/4	1/4	3	1,1	0,8	1,9
NTS 50/01	80	155	90	72	8,5	1/4	1/4	3	1,5	1,4	2,9
NTS 70/02	100	130	110	90	9	3/8	3/8	3	1,9	1,2	3,1
NTS 54/02	100	157	110	90	9	3/8	3/8	3	2,3	1,6	3,9
NTS 50/04	140	157	150	124	13	3/8	3/8	3	4,0	4,3	8,3
NTS 50/10	190	157	200	165	17	3/8	1/2	2+4	20	9	29
NTS 30/10	190	340	200	165	17	3/8	1/2	1-4	41	25	66
NTS 50/20	250	190	250	210	21	3/8	3/4	1-4	42	19	61
NTS 30/20	250	278	250	210	21	3/8	3/4	1-4	54	37	91
NTS 24/20	250	360	250	210	21	3/8	3/4	1-4	68	54	122
NTS 50/40	320	267	320	260	25	1/2	1	1-4	89	52	141
NTS 20/40	320	470	320	260	25	1/2	1	1-4	134	125	259

Description

Series NTS piston vibrators generate directed vibrations. These vibrators can be used for vibrating of material adhering to container walls (e.g. silos, funnels, filter outlets and other similar applications, they can be mounted under vibration tables for material compaction and can be used for discharge and transport feeders. NTS series piston vibrators can be used, taking care to comply with the operator's operating regulations, in plants for the production of food, as in explosive and wet areas. The vibrating frequency and stroke can be regulated by additionally required components (regulator, valves, restrictors, 3 way valves, timing control).

The vibration is generated by a freely moving, self steering, air cushioned piston. Both masses, piston on one side, the mass to vibrate (case included) on the other side, move against each other with reciprocally proportional stroke of their weight.

The NTS can also be used outdoors within the temperature range + 5 up to +100 °C (+150 °C for group 2) as well as under water, if the outlet air is piped away. NTS can be used with compressed air or nitrogen up to 6 bar.



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