

P - Continuous Impact

The pneumatic vibrators of the P range produce an extremely high linear impact force. This is possible thanks to the impact of a piston, positioned inside the body, on the metal base welded directly on the external wall of the hopper. P are extremely effective in preventing the formation of scale, bridges, mouse holes, lumps or deposits of material on the walls.



AERATORS

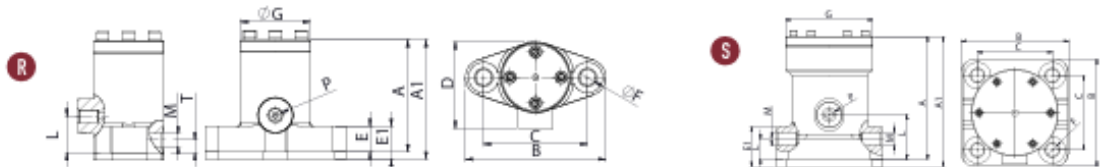
AIR JET

PNEUMATIC LINEAR

PNEUMATIC ROTARY

ELECTRIC

HYDRAULIC



DIMENSIONAL SPECIFICATIONS

Model	Draw.	A		A1		B		C		D		E		E1		F		G		H		P		L		M		N		Weight	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb
P25	R	92	3.6	98	3.9	115	4.5	85	3.3	70	2.8	21	0.8	27	1.1	13	0.5	58	2.3	30	1.2	1/4"	10	0.4	1/4"	25	1.0	2.2	4.9		
P40	R	121	4.8	127	5.0	148	5.8	110	4.3	91	3.6	25	1.0	31	1.2	17	0.7	75	3.0	45	1.8	3/8"	16	0.6	3/8"	35	1.4	4.5	9.9		
P60	S	163	6.4	173	6.4	138x142	5.4x5.5	99x99	3.9x3.9	125	4.9	28	1.1	38	1.5	17	0.7	115	4.5	60	2.4	1/2"	27	1.1	2x1/2"	60	2.4	11	24.3		

Model	2 BAR [29 PSI]								4 BAR [58 PSI]								6 BAR [87 PSI]										
	Vibr.		Force		Working moment		Air consumption		Vibr.		Force		Working moment		Air consumption		Vibr.		Force		Working moment		Air consumption				
	V/min	N	lb	kgcm	inlb	l/min*	Cfm	V/min	N	lb	kgcm	inlb	l/min*	Cfm	V/min	N	lb	kgcm	inlb	l/min*	Cfm	V/min	N	lb	kgcm	inlb	l/min*
P25	2500	294	66	0.43	0.37	55	1.9	3800	680	153	0.43	0.37	80	2.8	4500	954	214	0.43	0.37	125	4.4						
P40	1650	484	109	1.63	1.41	70	2.5	2200	860	193	1.63	1.41	120	4.2	2800	1396	314	1.63	1.41	150	5.3						
P60	1200	1296	291	4.11	3.57	100	3.5	1600	2304	518	4.11	3.57	250	8.8	1900	3250	731	4.11	3.57	300	10.6						

* Indicates in l/min the total air consumption normalized at the rated pressure.

P - CONTINUOUS IMPACT - PNEUMATIC LINEAR VIBRATORS

APPLICATION	Hopper silo - salt spreader - dump trailer - rail cars o rail wagons
POWDER	Hygroscopic - humid - sticky
PROBLEM SOLVING	Bridge, rat-holing and incomplete clean out

FEATURES

DUTY CYCLE	Continuous
WORKING PRESSURE	From 2 bar to 6 bar (from 29 psi to 87 psi)
PNEUMATIC CIRCUIT	Filter + regulator + lubrication + 3/2 ways valve N.C.
AIR SUPPLY QUALITY	Class 5.4.4.
WORKING TEMPERATURE	From -20 °C to +200 °C (from -4 °F to +392 °F) without ATEX Kit From -20 °C to +110 °C (from -4 °F to +230 °F) with ATEX Kit
MAX NOISE LEVEL	100 dB(a)
TECHNOLOGY	Piston impact
MATERIAL	Grey cast iron body (powder painted) - aluminium cover

OPTIONS

KIT ATEX	II 2D c Tx PP plate, WKL® tablet II 2G c Tx
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NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1

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- » Conformity with European Directive
- » II 2G Ex h IIB Tx Gb II 2D Ex h IIIC Tx Db with ATEX KIT