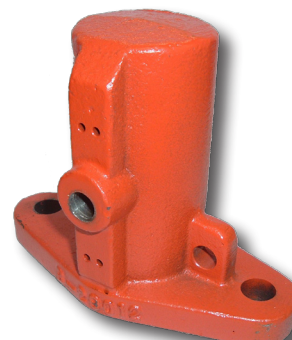




Martin Pneumatic Piston Vibrators Series P

- Linear vibration
- Nominal frequency 1350 min^{-1} to 5650 min^{-1}
- Force output 323 N to 4758 N
- Cast iron body
- Frequency and force adjustable by air pressure



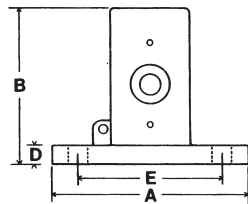
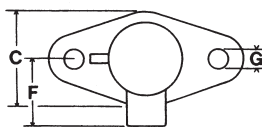


Martin Pneumatic Piston Vibrators Series P

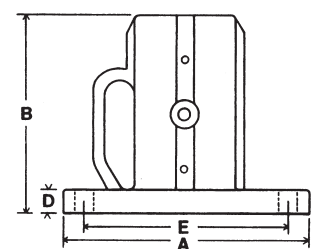
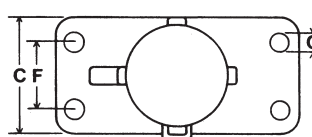
Model	frequency min-1			force output newtons			air consumption l/min			noise
kPa	200	400	600	200	400	600	200	400	600	dB A
P 1.25S	3700	4920	5650	657	1060	1373	95	180	260	101
P 1.25Q	2150	2750	3350	323	570	834	95	175	245	85
P 2S	1800	2550	2850	883	1619	2354	125	265	404	103
P 2Q	1800	2100	2200	716	1079	1422	135	240	340	87
P 3S	1640	1980	2250	2011	3384	4758	295	460	630	106
P 3Q	1350	1600	1750	932	1687	2403	260	415	500	92

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	inlet bsp/npt	weight kg
P 1.25S / Q	149	112	70	12	114	40	14	1 / 4"	2.3
P 2 S / Q	241	162	101	18	190	57	17	1 / 4"	7.2
P 3 S / Q	254	216	127	25	197	82	24	3 / 8"	19.5

Models P-1.25S, P-1.25Q



Models P3S, P-3Q



Applications

P series are ideal for moving damp and sticky material from hoppers and down chutes. They are also used for knocking concrete products from moulds.

Design

A precision steel piston is moved by air pressure back and forth in a cast iron cylinder. The standard 'S' model impacts into a integral base plate; the 'Q' model has an air cushion to eliminate metal-to-metal contact and give quieter operation.

Operating Conditions

Drive medium:

Compressed air with filter and with lubrication

Operating pressure:

200 kPa to 600 kPa

Ambient Temperature:

-20 to 120° C

VSS offers the accessories required for the mounting, installation and control of vibrators and interval impactors.

VSS provides provides solutions. Consult our experienced application technicians.

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