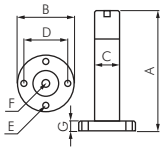
Piston vibrators (linear) — 6 bar

Materials: Housing: Aluminium anodised, piston: Brass
Temperature range: Up to max. +70°C
Media: Unoiled compressed air (20 µm)
Installation position: Arbitrary
Application: Linear vibration

Advantages:
- Low-noise (45 - 60 dB(A))
- Low air consumption
- Quick start-up, no running on
- Maintenance-free due to low wear



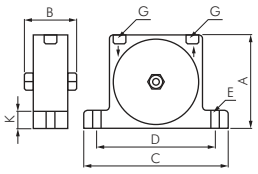
Type	Force*	Frequency*	Air consumption*	Weight	G	F	E	D	C	B	A
VP 1A	65 N	7,600 rpm	11 l/min.	0.13 kg	7	G 1/8"	5.5	34	20	45	95
VP 1B	150 N	5,550 rpm	12 l/min.	0.17 kg	7	G 1/8"	5.5	34	20	45	115
VP 1C	210 N	4,100 rpm	11 l/min.	0.21 kg	7	G 1/8"	5.5	34	20	45	135
VP 2A	490 N	6,600 rpm	33 l/min.	0.38 kg	8	G 1/8"	6.5	48	30	60	125
VP 2B	650 N	4,700 rpm	35 l/min.	0.49 kg	8	G 1/8"	6.5	48	30	60	155
VP 2C	730 N	3,800 rpm	32 l/min.	0.60 kg	8	G 1/8"	6.5	48	30	60	185
VP 3A	1,475 N	6,200 rpm	61 l/min.	0.78 kg	10	G 1/4"	6.5	65	45	80	130
VP 3B	1,540 N	3,200 rpm	64 l/min.	1.11 kg	10	G 1/4"	6.5	65	45	80	170
VP 3C	1,680 N	2,500 rpm	58 l/min.	1.40 kg	10	G 1/4"	6.5	65	45	80	210

* at 6 bar

Ball vibrators (rotating) — 6 bar

Materials: Housing: Aluminium anodised, ball and path: Steel hardened, cover: Stainless steel AISI 303
Temperature range: Up to max. +80°C
Media: Oiled and unoiled compressed air
Installation position: Standing (not lying on the covers)
Application: Higher frequencies and small vibration factors

Advantages:
- Quick start-up
- Maintenance-free due to low wear
- Simple construction
- Low requirements for compressed air quality
- Common exhaust air ducting
- ATEX-compliant ⟨Ex⟩ II 3D 85° (T6)X (up to max. +40°C)



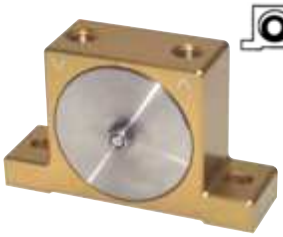
Type	Force*	Frequency*	Air consumption*	Weight	G	K	E	D	C	B	A
VK 1A	440 N	35,000 rpm	175 l/min.	0.19 kg	G 1/8"	12	7	68	90	36	55
VK 1B	960 N	25,000 rpm	200 l/min.	0.22 kg	G 1/8"	12	7	73	90	36	55
VK 2A	1,260 N	20,500 rpm	225 l/min.	0.50 kg	G 1/4"	16	9	104	128	49	80
VK 2B	2,160 N	15,500 rpm	278 l/min.	0.55 kg	G 1/4"	16	9	104	128	49	80
VK 3A	4,370 N	14,200 rpm	380 l/min.	1.31 kg	G 3/8"	20	11	130	170	63	110
VK 3B	5,250 N	13,000 rpm	500 l/min.	1.35 kg	G 3/8"	20	11	140	170	63	110

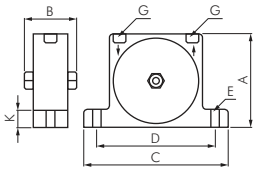
* at 6 bar

Roller vibrators (rotating) — 6 bar

Materials: Housing: Aluminium anodised, roller and path: Steel hardened, cover: Stainless steel AISI 303
Temperature range: Up to max. +80°C
Media: Oiled compressed air
Installation position: Standing (not lying on the covers)
Application: Large forces with greater amplitudes

Advantages:
- No run-on
- Maintenance-free due to low wear
- Simple construction
- Low requirements for compress. air quality
- Common exhaust air ducting
- ATEX-compliant ⟨Ex⟩ II 3D 85° (T6)X (up to max. +40°C)





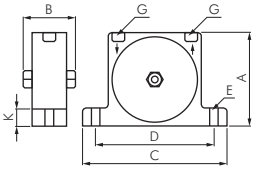
Type	Force*	Frequency*	Air consumption*	Weight	G	K	E	D	C	B	A
VR 1A	1,690 N	40,000 rpm	200 l/min.	0.36 kg	G 1/8"	12	7	68	90	36	55
VR 1B	2,910 N	38,000 rpm	250 l/min.	0.41 kg	G 1/8"	12	7	73	90	36	56
VR 2A	4,740 N	29,000 rpm	325 l/min.	0.85 kg	G 1/4"	16	9	104	128	49	80
VR 2B	7,850 N	26,000 rpm	550 l/min.	0.90 kg	G 1/4"	16	9	104	128	49	80
VR 3A	9,730 N	18,000 rpm	850 l/min.	2.43 kg	G 3/8"	20	11	140	170	63	110

* 6 bar

Turbine vibrators (rotating) — 6 bar

Materials: Housing: Aluminium anodised, turbine: Aluminium, cover: Stainless steel AISI 303
Temperature range: Up to max. +70°C
Media: Unoiled compressed air (20 µm)
Installation position: Arbitrary
Application: Wide spectrum of vibrations (adjustable via pressure and volume flow rate)
☞ **Optional:** ATEX certified **-X** ⟨Ex⟩ II 3 D T5 (to max. +100°C)

Advantages:
- Low-noise (70 dB(A))
- Maintenance-free due to very low wear
- Common exhaust air ducting



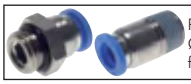
Type	Force*	Frequency*	Air consumption*	Weight	G	K	E	D	C	B	A
VT 1A	1,440 N	42,000 rpm	85 l/min.	0.31 kg	G 1/8"	12	7	68-73	90	37	55
VT 1B	1,650 N	40,000 rpm	105 l/min.	0.31 kg	G 1/8"	12	7	68-73	90	37	55
VT 2A	3,630 N	24,000 rpm	180 l/min.	0.75 kg	G 1/4"	16	9	104	128	49	80
VT 2B	4,180 N	18,500 rpm	225 l/min.	0.77 kg	G 1/4"	16	9	104	128	49	80
VT 3A	8,610 N	8,000 rpm	350 l/min.	2.00 kg	G 3/8"	20	11	130-140	170	63	110
VT 3B	10,000 N	7,000 rpm	500 l/min.	2.10 kg	G 3/8"**	24	11	170	200	80	140

* at 6 bar, ** output G 1/2"

☞ **Order example:** VT 1A **

Standard type

Designation for the options:
ATEX certified . . . . . **-X**



Push-in fittings
Ø 3 - 32 mm
from page 24