VTL PNEUMATIC LINEAR VIBRATORS

Linear Vibration

Force 40 N to 4807 N

Force variable by adding weights

Frequency and amplitude adjustable independently

Suitable for temperature: +5˚C to 150˚C, except VTL 155: +5˚C to 100˚C

VTL155 Lubrication free, all other units require lubrication via filter regulator/lubricator

On request can be supplied with ATEX certification to ATEX 2014/34/EU II 2 G & D Zone 1, 2 & 21, 22

PERFORMANCE DATA

Models	Moving Part	Frequency V.P.M.			Force (N)			Air consumption l/min		
Standard		2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
VTL 155	Piston	1820	2380	2700	40	72	96	18	40	85
VTL 165	Piston	1900	2450	2700	43	76	96	17	37	70
	Body	670	850	990	49	109	178	9	23	43
VTL 255	Piston	1585	1670	2200	82	214	398	56	109	180
	Body	615	640	795	301	326	596	42	68	104
VTL 405	Piston	1400	1700	2000	206	343	657	80	240	390
	Body	750	920	1050	334	647	893	65	155	315
VTL 555	Piston	1600	1970	2500	451	961	1305	140	419	717
	Body	880	1150	1460	834	1324	2433	120	319	492
VTL 855	Piston	1800	2280	2650	706	1137	1530	301	635	900
	Body	985	1260	1560	1177	2256	3198	210	500	865
VTL 1105	Piston	2130	2625	3000	1550	2619	2737	345	740	920
	Body	1330	1680	2050	1687	3551	4807	330	680	880

FREQUENCY AND AMPLITUDE: By using a flow restricting silencer on the FP, FPLF, FAL, and VTL vibrators the amplitude can be reduced whilst the frequency remains almost constant.

Please check our Maintenance Manual Book for more performance data, including details of the performance with extra weights

VIBRATECHNIQUES LTD

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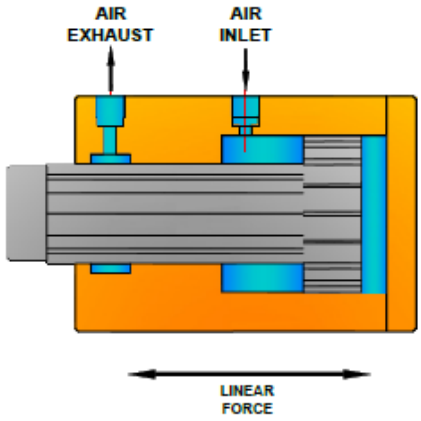
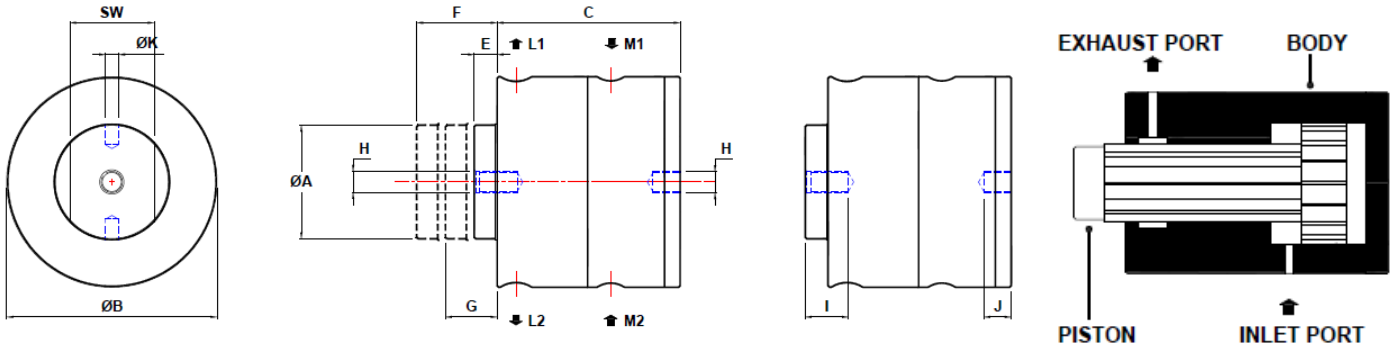


DIMENSIONS

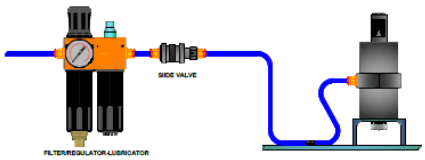


Drawing No 044292

Models Standard	A	B	C	E	F	G	H	I	J	K	L1	L2	M1	M2	SW	Weight kgs
VTL 155	16.0	50	114	9	43	24	M10	22	16	-	1/8"	-	1/8"	-	13	0.52
VTL 165	16.5	49	111	5	40	22.5	M10	22	14	-	1/8"	-	1/8"	-	14	1.48
VTL 255	25.5	64	140	9	54	36.5	M16	25	20	-	1/4"	-	1/4"	-	22	3.19
VTL 405	40.5	84	140	12	57	36.0	M16	40	20	-	3/8"	-	1/4"	-	32	5.50
VTL 555	55.5	115	125	17	54.7	36.8	M20	46	42	-	3/8"	-	3/8"	-	46	9.00
VTL 855	85.5	160	122	20	54.7	36.8	M20	41	25	12.7	3/8"	3/8"	3/8"	-	-	17.00
VTL 1105	110.5	200	122	22	54.7	36.8	M20	41	25	12.7	1/2"	1/2"	3/8"	3/8"	-	28.00

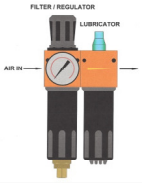
Flow restricting silencer

By using a flow restricting silencer on the FP, FPLF, FAL, and VTL piston vibrators, a lower amplitude can be exerted to the application vessel whilst keeping the piston oscillating at a near fixed frequency.



For Technical Advice on Filters, Hoses and Regulators ask for Technical Manual TM1390.

We can also supply all these items:



Filter Regulators and Lubricators Leaflet L1100

Exhausts & Fittings Leaflet L1102

3/2 Pneumatic Valves Leaflet L1103

3/2 Pneumatic Solenoid Valves Leaflet L1104