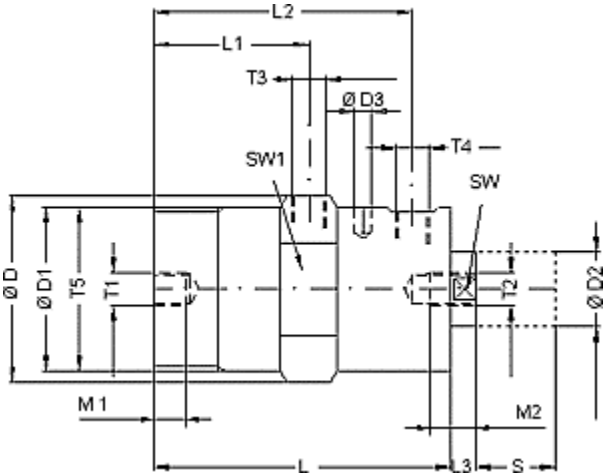


VOA – Series Extended Piston Vibrator – Aluminum Body



Dimensions in mm:

Model	VOA-32	VOA-70	VOA-100	VOA-140
L	91	117	139	140
L1	47.0	64.5	75.0	73.0
L2	74.0	99.5	121.0	122.0
L3	5	8	8	12
S	27	38	42	43
D	25	53	69	88
D1	20	48	60	78
D2	8	18	25	35
D3				8
T1	M 6	M 10	M 16	M 16
T2	M 5	M 10	M 16	M 16
T3	M 5	G 1/8"	G 1/4"	G 1/4"
T4	M 5	G 1/8"	G 1/4"	G 1/4"
T5	M 20 X 1.5			
M1	10	13	14	14
M2	15	22	23	25
SW	7	14	22	27
SW1	14	50	65	
Housing (kg)	0.051	0.450	0.780	1.130
Piston (kg)	0.036	0.245	0.560	1.410
Total (kg)	0.100	0.730	1.410	2.560

Performance:

Model	Frequency V.P.M. x 1000			Centrifugal force measured					
	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar N	29 PSI LBS	4 Bar N	58 PSI LBS	6 Bar N	87 PSI LBS
VOA-32	2.05	2.9	3.4	12	2.7	30	6.7	42	9.5
VOA-70	1.42	1.9	2.25	60	13.5	140	31.5	205	46.2
VOA-100	1.13	1.55	2.02	120	27.0	265	59.7	530	119.4
VOA-140	1.24	1.55	2.01	205	46.2	340	76.6	655	147.5

Model	Working Moment						Air consumption / Minute					
	2 Bar Kg/cm	29 PSI Lbs/ft	4 Bar Kg/cm	58 PSI Lbs/ft	6 Bar Kg/cm	87 PSI Lbs/ft	2 Bar Ltr.	29 PSI CF	4 Bar Ltr.	58 PSI CF	6 Bar Ltr.	87 PSI CF
VOA-32	0.05	.0003	0.06	.0004	0.06	.0004	8	0.28	18	0.035	30	1.04
VOA-70	0.45	.0030	0.54	.0036	0.54	.0036	20	0.7	40	1.4	60	2.1
VOA-100	1.14	.0077	1.37	.0092	1.26	.0085	40	1.4	110	3.83	155	5.4
VOA-140	2.00	.0134	2.20	.0148	3.00	.0202	75	2.6	220	7.65	350	12.2

Data obtained with a Kistler 3-axis dynamometer on a heavy laboratory test block and displayed by Kistler control monitor (COMO). Frequency and force will decrease on a less rigid mount. Specifications subject to change without notice or obligation.



1-800-842-7284

1-630-920-9411 (Outside USA & Canada)