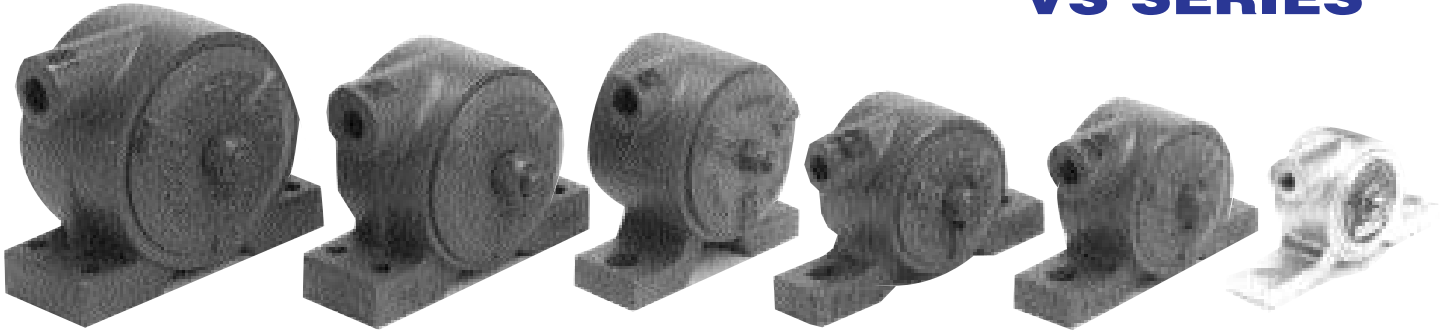


Turbine Vibrators

VS SERIES



VS-510

VS-380

VS-320

VS-250

VS-190

VS-130

MODEL VS: BUILT-IN MUFFLER

VS Turbine Vibrators offer the feature of a BUILT-IN-MUFFLER. Ideal for rough applications or where moving machinery might damage external accessories. Eight sizes with forces to 900 lbs. Popular for air material-conveying systems, medium size batch hoppers, etc. Available in both aluminum and malleable castings.

- **Simple**
- **Built-In Muffler**
- **Totally Enclosed**
- **Continuous Duty**
- **Completely Noiseless**
- **Maintenance Free**
- **Adjustable Speed**
- **Sturdy Cast Housings**
- **Heavy Duty Turbine Wheel**

TECHNICAL DATA

Model	Weight***		60 PSI		80 PSI					Max. Lbs.** Material In Bin
	lbs.	kg.	Speed VPM	CFM	Speed VPM	CFM	lbs. Force	N	dB*	
VS-100	7/13 oz.	.198/.368	12000	4			20	89	66	200
VS-130	11/21 oz.	.312/.595	8000	4.5	10500	5.5	75	334	67	750
VS-160	2	.9	10000	7	12000	8	160	712	70	1600
VS-190	3	1.4	4200	7.5	7200	9	270	1201	70	5000
VS-250	4	1.8	5500	9	7200	10.5	500	2225	70	5000
VS-320	6.5	2.9	5200	9	6800	11	600	2669	69	7000
VS-380	11.5	5.2	4600	16	5200	17	725	3226	72	7250
VS-510	15	6.8	4000	18	4500	21	900	4004	77	9000

Data obtained on Laboratory test block. Frequency and force will decrease on less rigid mount. Data subject to design changes.

* Decibel from A-scale at 1 meter and 80 PSI. N = Centrifugal force in Newton.

** Rule of thumb for sizing "One lb. Vibrator Force" to each 10 lbs. of Bin Content" at 80 PSI.

*** Fist Figure Aluminum 2nd - malleable iron.

Model	DIMENSIONS																						
	A inch/mm	B inch/mm	C inch/mm	D inch/mm	E inch/mm	F inch/mm	G inch/mm	H** inch/mm	J* inch/mm	K inch/mm	L inch/mm	M inch/mm											
VS-100	2	8	5/16	16	3	76	37/8	98	1/4	6	15/16	33	5/8	16	111/16	43	1/8 - NPT	17/16	37	1	25	3/4	19
VS-130	2 5/16	8	5/16	19	4	102	47/8	124	3/8	10	1 1/2	38	3/4	19	115/216	49	1/4 - NPT	17/8	48	1 1/4	32	15/16	24
VS-160	2 5/16	8	5/16	22	4	102	5 1/16	129	3/8	10	1 7/8	48	7/8	22	2 1/2	64	1/4 - NPT	2 3/4		1 5/8		1 5/16	
VS-190	3 3/8	14	9/16	22	4	102	5 1/16	129	3/8	10	1 7/8	48	7/8	22	2 1/2	64	1/4 - NPT	2 3/16	71	1 5/8	41	1 5/16	33
VS-250	3 1/2	14	9/16	22	4	102	5 3/8	137	1/2	12	2 1/4	57	1 1/8	29	2 15/16	87	1/4 - NPT	3 1/16	78	1 7/8	48	1 1/2	38
VS-320	4 5/8	19	3/4	19	4	102	5 5/16	135	1/2	12	2 1/4	57	1 1/8	29	4 1/8	105	3/8 - NPT	4	102	2 3/4	70	1 1/2	38
VS-380	4 7/8	25	1	25	5 1/2 X 1 1/4	140 X 32	6 3/8	168	3/8	10	2 7/8	73	1 1/2	38	4	102	3/8 - NPT	4 3/8	111	2 3/8	60	2 1/8	54
VS-510	5 3/8	25	1	25	5 1/2 X 1 1/4	140 X 44	6 3/4	171	3/8	10	3 1/4	44	1 3/4	118	4 3/4	121	1/2 - NPT	4 13/16	73	2 7/8	67	2 5/8	67

*NPT Pipe Tap Size

**Bolt Size