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Electric Vibrators

Dayton—Quiet-operating units have a pressurized aluminum housing and feature prelubricated bearings; oversize vacuum-impregnated windings that withstand vibration and high centrifugal force; and steel end caps. Use in bins, chutes, hoppers, screens, feeders, compaction tables, and concrete pumping.

Dayton Micro models are compact for use in small spaces.

- Force adjustable with eccentric weights (except 1DYN5 is not adjustable)
- Continuous duty at 100% output force

VIBCO 2P and 4P Series—High-heat-resistant winding and oversize bearings help improve safety and extend service life. Terminal box offers easy connection and change of voltage. Meet ASTM and ASME standards.

2P models are designed for use on bins containing fine to granular materials, to pack coarse materials, and to consolidate concrete.

4P models are designed for bins containing lumpy or sticky materials, to pack light fluffy materials, and for typical screen vibrator uses.

- Adjustable eccentrics for easy change of force
- Continuous duty motor
- Oversize electric motor for higher safety factor (watts/lb. impact)

VIBCO Small-Impact Line—Designed to activate small hoppers, screens, chutes, tables and filling machines where a small shake is needed. Compact, noiseless vibrators help provide controlled flow of all materials, including fine powders, flakes, pills, bottle caps, and jars. Meet ASTM and ASME standards.

Heavy-duty 4HR13, 4HR14, 4HR16, and 4HR17 have oversize bearing, and the end bell is cast iron for extra-long life.

- Speed and force can be adjusted with rheostats or speed adjusters
- 4HR18 and 4HR19 have a continuous-duty motor with convenient 115V plugin

Force Rating	Voltage VAC	Phase	Amps	Speed	dBA	Overall Dim.			Bin Wt. Cap.	Mfr. Model	Item No.
						L	W	H			
Dayton Micro with TENV Motor											
20 lb	115V AC	1	0.8	3600 vpm	76	5 3/4 in	3 1/2 in	3 in	132 lb	1DYN5	1DYN5
64 lb	115V AC	1	0.8	3600 vpm	76	5 3/4 in	4 3/8 in	3 in	704 lb	1DYN6	1DYN6
143 lb	115V AC	1	0.5	3600 vpm	60	6 3/8 in	4 9/16 in	3 1/8 in	1,433 lb	23Y181	23Y181
Dayton with TENV Motor											
157 lb	115V AC	1	1.03	3600 vpm	76	8 1/4 in	5 1/8 in	5 3/8 in	1,300 lb	1DYN1	1DYN1
	230/460V AC	3	0.36/0.18	3600 vpm	76	8 1/4 in	5 1/8 in	5 3/8 in	1,300 lb	1DYL3	1DYL3
209 lb	115V AC	1	1.3	3600 vpm	76	8 1/4 in	5 1/8 in	5 3/8 in	2,430 lb	1DYN2	1DYN2
	230/460V AC	3	0.36/0.18	3600 vpm	76	8 1/4 in	5 1/8 in	5 3/8 in	2,430 lb	1DYL4	1DYL4
417 lb	115V AC	1	2.62	3600 vpm	76	9 3/4 in	5 1/8 in	6 1/4 in	4,170 lb	1DYN3	1DYN3
	230/460V AC	3	0.70/0.35	3600 vpm	76	8 1/2 in	5 1/8 in	6 1/4 in	4,170 lb	1DYL5	1DYL5
712 lb	115V AC	1	3.43	3600 vpm	76	10 in	6 1/8 in	7 in	7,120 lb	1DYN4	1DYN4
	230/460V AC	3	0.90/0.45	3600 vpm	76	10 in	6 1/8 in	7 in	7,120 lb	1DYL6	1DYL6
1177 lb	230/460V AC	3	1.94/0.97	3600 vpm	76	13 1/4 in	6 3/8 in	8 in	11,770 lb	1DYL7	1DYL7
1766 lb	230/460V AC	3	3.00/1.50	3600 vpm	76	12 3/8 in	9 1/4 in	8 1/4 in	17,640 lb	1DYL8	1DYL8
2233 lb	230/460V AC	3	3.90/1.95	3600 vpm	76	15 3/8 in	8 1/4 in	8 1/4 in	22,330 lb	1DYL9	1DYL9
VIBCO 2P & 4P Series with TENV Motor											
50 to 100 lb	115V AC	1	0.5	3600 vpm	60 @ 3 ft	7 7/8 in	4 1/8 in	5 in	750 lb	2P-75-1	6L738
50 to 200 lb	230/460V AC	3	1.0/0.5	1800 vpm	60	11 1/2 in	5 3/4 in	6 3/4 in	3,000 lb	4P-350-3	4HR70
	115V AC	1	0.5	3600 vpm	63 @ 3 ft	8 3/8 in	4 1/8 in	5 in	1,500 lb	2P-100-1	4HR27
100 to 175 lb	460V AC	3	0.7	3600 vpm	63 @ 3 ft	8 3/8 in	4 1/8 in	5 in	1,500 lb	2P-100-3-460V	4HR29
100 to 500 lb	115/230V AC	1	6.0/3.0	1800 vpm	63	13 1/8 in	6 1/2 in	7 1/2 in	7,000 lb	4P-700-1	4HR77
	230/460V AC	3	1.2/0.6	1800 vpm	63	13 1/8 in	6 1/2 in	7 1/2 in	7,000 lb	4P-700-3	6L745
100 to 1100 lb	115/230V AC	1	5.0/2.5	3600 vpm	64 @ 3 ft	13 1/2 in	6 1/2 in	7 1/2 in	9,000 lb	2P-450-1	6L743
	230/460V AC	3	1.2/0.6	3600 vpm	64 @ 3 ft	12 3/8 in	6 1/2 in	7 1/2 in	9,000 lb	2P-450-3	6L744
100 to 1750 lb	115/230V AC	1	8.0/4.0	3600 vpm	70 @ 3 ft	15 1/4 in	7 1/2 in	8 1/2 in	17,000 lb	2P-800-1	4HR46
	230/460V AC	3	2.0/1.0	3600 vpm	70 @ 3 ft	14 3/8 in	7 1/2 in	8 1/2 in	17,000 lb	2P-800-3	4HR47
130 to 250 lb	115V AC	1	1.80	3600 vpm	63 @ 3 ft	10 3/4 in	4 7/8 in	6 1/4 in	3,000 lb	2P-150-1	6L739
	230/460V AC	3	0.6/0.3	3600 vpm	63 @ 3 ft	10 3/4 in	4 7/8 in	6 1/4 in	3,000 lb	2P-150-3	6L740
180 to 400 lb	115/230V AC	1	3.0/1.5	3600 vpm	62 @ 3 ft	11 1/2 in	5 3/4 in	6 3/4 in	4,500 lb	2P-200-1	6L741
	230/460V AC	3	1.0/0.5	3600 vpm	62 @ 3 ft	11 1/2 in	5 3/4 in	6 3/4 in	4,500 lb	2P-200-3	6L742
250 to 800 lb	230/460V AC	3	1.2/0.6	1800 vpm	63	11 1/2 in	5 1/2 in	7 3/8 in	10,000 lb	4P-1000-3	4HR60
VIBCO SPR Small-Impact Line with Open Motor											
20 lb	115V AC	1	0.4	1600 vpm	60	5 in	5 in	3 1/2 in	150 lb	SPR-20	4HR12
	115V AC	1	0.7/3.2	3200 vpm	60	5 in	5 in	3 1/2 in	200 lb	SPR-21	6L727
VIBCO SPR Small-Impact Line with TEFC Motor											
25 lb	115V AC	1	1.12	1600 vpm	60	7 in	6 in	4 1/4 in	250 lb	SPR-40	6L728
	115V AC	1	1.27/0.64	3200 vpm	60	7 in	6 in	4 1/4 in	600 lb	SPR-60	6L729
60 lb	115V AC	1	1.27/0.64	3200 vpm	60	7 in	6 in	4 1/4 in	600 lb	SPR-60HD	4HR13
	115V AC	1	1.36/0.64	3200 vpm	60	7 in	6 in	4 1/4 in	800 lb	SPR-80	6L730
80 lb	115V AC	1	1.36/0.64	3200 vpm	60	7 in	6 in	4 1/4 in	800 lb	SPR-80HD	4HR14
VIBCO SPRT Small-Impact Line with TENV Motor											
20 lb	115V AC	1	0.6/0.24	3200 vpm	60	5 in	5 in	3 1/2 in	200 lb	SPRT-21	4HR15
	115V AC	1	0.6/0.24	3200 vpm	60	5 1/2 in	6 in	4 1/4 in	600 lb	SPRT-60	6L731
60 lb	115V AC	1	0.6/0.24	3200 vpm	60	5 1/2 in	6 in	4 1/4 in	600 lb	SPRT-60HD	4HR16
	115V AC	1	0.6/0.24	3200 vpm	60	5 1/2 in	6 in	4 1/4 in	800 lb	SPRT-80	6L732
80 lb	115V AC	1	0.6/0.24	3200 vpm	60	5 1/2 in	6 in	4 1/4 in	800 lb	SPRT-80HD	4HR17
VIBCO SPWT Small-Impact Line with Non-Ventilated, Totally Enclosed, Watertight Motor											
20 lb	115V AC	1	0.7/0.32	3200 vpm	60	5 3/8 in	5 1/2 in	6 1/2 in	200 lb	SPWT-21	4HR18
80 lb	115V AC	1	0.7/0.32	3200 vpm	60	5 3/8 in	5 1/2 in	6 1/2 in	800 lb	SPWT-80	4HR19



Electric Vibrators with Adjustable Speed and Force

- Continuous duty 950 to 2500 vpm
- Intermittent duty 2500 to 4000 vpm
- 1 phase

Heavy-duty vibrators' easy speed/impact dial control helps keep even hard-to-move materials in motion. The 115V plug fits standard outlets; with the TENV housing, these vibrators are great for outdoor and indoor use.

Force Rating	Amps	dBA	Overall Dim.			Bin Wt. Cap.	Mfr. Model	Item No.
			L	W	H			
100 lb	1.3	68 @ 3 ft	6 3/4 in	6 in	4 1/4 in	1,000 lb	SCR-100	6L734
200 lb	2.60	70 @ 3 ft	8 1/8 in	4 7/8 in	4 7/8 in	2,000 lb	SCR-200	6L735
500 lb	3.5	70 @ 3 ft	13 3/8 in	5 3/4 in	6 3/4 in	5,000 lb	SCR-500	6L736
1000 lb	6.50	72 @ 3 ft	14 1/4 in	6 1/2 in	7 1/2 in	10,000 lb	SCR-1000	6L737