HEAVY DUTY ELECTRIC
ADJUSTABLE ECCENTRICS

Cord lengths vary. Contact VIBCO for more info.

- **Totally Enclosed**
- **Indoor/Outdoor Use**
- **Quiet Electric Motor**
- **Continuous Duty**

c UL us LISTED ELECTRIC MOTOR E494249

- **Adjustable Eccentrics**
- **Single and 3 Phase**
- **Call for High Temperature Models**

Single Phase Units come complete with on-off switch, capacitor & overload protection.

Consistent material flow is maintained by dual units in this pipe line.

2P Models with 3600 rpm are the most versatile and popular vibrators. With centrifugal force output from 50-5600 lbs., they can be used on all types of bins containing fine to granular materials, for packing coarse materials and casting concrete, etc. The VIBCO lines of heavy duty vibrators which include the 2P shown here and the 4P, 6P and 8P units shown on pages 40 and 41 will solve many vibration problems. They will speed the flow of bulk materials through the smallest bin, hopper, and chute, to the largest silo.

Model 2PCD is designed to cross-over metric and European style vibrators with foot print dimensions that match most models. Comparable force outputs allow the 2PCD to be installed directly to your existing mount. The 2PCD models are totally enclosed, rated for continuous duty and completely noiseless.

Model 2P-100SCR supplies great flexibility with it's new, improved motor featuring constant or variable speed/frequency.

Technical Data

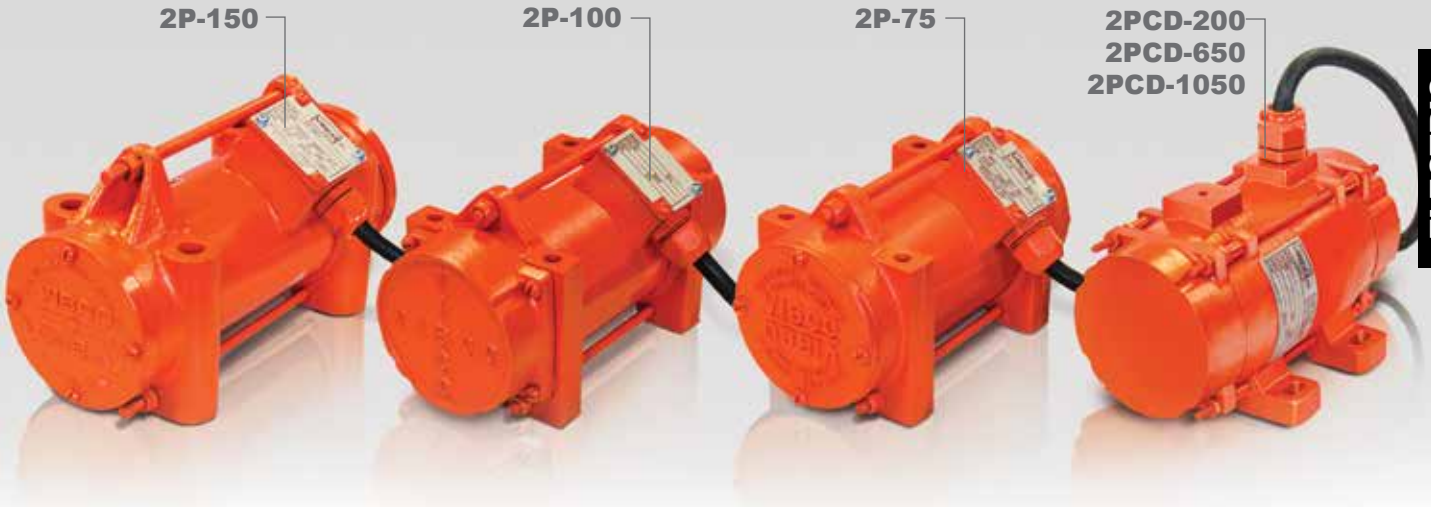
Model	Weight***				Electric Motor Specs.					Centrifugal Force						Sound*	Max. Weight** of Material in Bin Slope Area	
	1 Phase		3 Phase		Motor	1 Phase Amperes at Volt ††			Power	Min.		Norm		Max.				
	lbs.	kg.	lbs.	kg.	Phase	115/230	230/460	575	h.p.	lbs.	Newtons	lbs.	Newtons	lbs.	Newtons	dB	lbs.	kg.
3600 VIBRATIONS PER MINUTE — 2 POLE																		
2P-75	12	5	12	5	1 & 3	0.8/0.5	0.5/0.25	–	1/5	50	220	75	335	100	445	60	1,000	455
2P-100	12	5	12	5	1 & 3	0.8/0.5	0.5/0.25	–	1/5	100	445	150	665	175	780	63	1,750	795
2P-150	26	12	25	11	1 & 3	1.3/.07	0.6/0.3	–	1/4	130	580	175	780	250	1,110	63	2,500	1,135
2P-150-1SCR	26	12	26	12	1	1.8								250	1,110			
2P-200, 2P-200AL	35/28	16/13	33/26	15/12	1 & 3	3.6/1.0	1.8/0.5	0.30	1/3	180	800	325	1,445	400	1,780	62	4,000	1,815
2P-450, 2P-450AL	61/45	28/20	54/39	25/18	1 & 3	4.8/2.4	1/0.5	0.40	1/2	100	445	680	3,025	1,100	4,895	64	11,000	4,990
2P-600****	65	30	60	27	1 & 3	4.8/2.4	1/0.5	0.40	1/2	550	2,445	900	4,005	1,660	7,385	65	16,600	7,545
2P-800, 2P-800AL	85/64	39/29	72/58	33/26	1 & 3	8/4	2/1	0.80	3/4	100	445	1,000	4,450	1,750	7,785	70	17,500	7,940
2P-1700	90	41	90	41	3	–	3/1.5	1.10	1-1/2	600	2,670	1,500	6,670	2,500	11,120	72	25,000	11,340
2P-2500	105	48	105	48	3	–	5/2.5	2.00	2	500	2,225	1,650	7,340	3,000	13,345	73	30,000	13,610
2P-3500†	105	48	105	48	3	–	5.5/2.8	2.00	2	500	2,225	1,650	7,340	3,000	13,345	75	30,000	13,610
2P-4500†	110	50	110	50	3	–	5/2.5	2.00	2	2,200	9,785	3,450	15,345	5,000	22,240	76	50,000	22,680
2P-5500†	220	100	220	100	3	–	8/4	3.20	3	500	2,225	3,300	14,680	5,600	24,910	72	56,000	25,400
2PCD-200	14	6.5	11	5	1 & 3	0.8/0.5	1/0.25	–	1/5	172	705	225	1000	315	1400	60	3,150	1,430
2PCD-650	44	20	39	18	1 & 3	3.6/1.8	1/0.5	0.3	1/3	50	225	410	1825	705	3135	62	7,050	3,205
2PCD-1050	63	29	55	25	1 & 3	5.0/2.5	1/0.5	0.4	1/2	50	225	640	2850	1090	4850	64	10,900	4,955

* Decibel from A scale at 1 meter
** Rule of thumb: One lb. vibrator force to each 10 lbs. of bin content (see pg.69)
*** First weight is cast iron housing/second weight is Aluminum,(AL) signifies aluminum housing
**** Intermittent Duty Only - max run time 30 minutes per hour

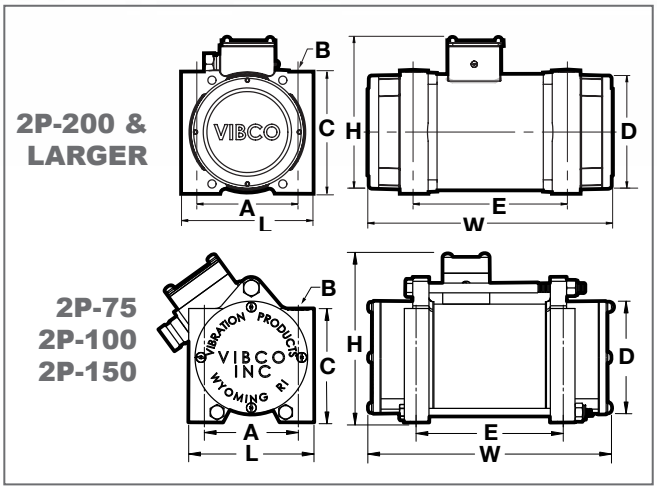
† Consult factory for availability.
†† Most vibrators available in both 50 & 60 Cycles 115 to 575 volt

NOTE: • Data obtained on laboratory test block
• Frequency & force will decrease on less rigid mount.
• Data subject to design changes

MODEL 2P
ROTARY, 3600 RPM



See page 63 for more information on available control boxes.



The 2P unit above is mounted on a unit which restores sand to be environmentally safe for use in any application.

Dimensions

Model		L		W		H		A		B*		C		D		E	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
2P-75		4-1/8	105	7-7/8	200	5	127	3	76	5/16	8	4-1/8	105	3-9/16	90	4-3/4	121
2P-100		4-1/8	105	8-3/16	208	5	127	3	76	5/16	8	4-1/8	105	3-9/16	90	4-3/4	121
2P-150		4-7/8	124	10-3/4	273	6-1/4	159	3-1/2	89	1/2	13	4-1/4	108	4	102	6-1/2	165
2P-150-1SCR		4-7/8	124	11-3/16	284	6	152	3-1/2	89	1/2	13	4-1/8	105	4	102	6-1/2	165
2P-200		5-3/4	146	11-1/2	292	6-3/4	171	4-1/2	114	1/2	13	5	127	5	127	7	178
2P-450	1 Phase	6-1/2	165	13-1/2	343	7-1/2	191	5	127	5/8	16	6	152	6	152	8-3/8	213
	3 Phase	6-1/2	165	12-3/8	314	7-1/2	191	5	127	5/8	16	6	152	6	152	7-5/8	194
2P-600	1 Phase	6-1/2	165	13-1/2	343	7-1/2	191	5	127	5/8	16	6	152	6	152	8-3/8	213
	3 Phase	6-1/2	165	12-3/8	314	7-1/2	191	5	127	5/8	16	6	152	6	152	7-5/8	194
2P-800	1 Phase	7-1/2	191	15-1/4	387	8-1/2	216	5-1/2	140	5/8	16	7	178	7	178	9-5/8	244
	3 Phase	7-1/2	191	14-3/8	365	8-1/2	216	5-1/2	140	5/8	16	7	178	7	178	8-5/8	219
2P-1700		7-1/2	191	16-1/2	419	8-1/2	216	5-1/2	140	5/8	16	7	178	7	178	10-13/16	259
2P-2500, 2P-3500		7-1/2	191	17-1/2	445	8-1/2	216	5-1/2	140	5/8	16	7	178	7	178	11-5/8	295
2P-4500		7-1/2	191	18-1/2	470	8-1/2	216	5-1/2	140	5/8	16	7	178	7	178	11-5/8	295
2P-5500		10-1/4	260	22-1/4	565	10-1/2	267	7-7/8	200	1	25	8-7/8	225	8-7/8	225	12-13/16	325
2PCD-200		5	127	7-15/16	202	5-1/2	140	4-11/64	106	5/16	8	5/8	16	–	–	2-7/16 - 2-15/16	62-74
2PCD-650		6-1/4	159	11-5/8	295	7	178	4-59/64 - 5-1/2	125-140	1/2	13	1-1/8	29	–	–	3-17/32	90
2PCD-1050		7	178	12-5/8	321	8-3/4	222	5-1/2	140	1/2	13	1-3/8	35	–	–	4-1/8	105

* Max. mounting bolt diameter

NOTE: Material, Dimensions & Data subject to change without notice • Dimensions ±1/16" • Engineered dimensional drawings available on request