

VIBCO SMALL IMPACT STANDARD AND HEAVY DUTY (HD)

**SPRT-60HD
SPRT-80HD**
(Totally Enclosed)



**SPR-60HD
SPR-80HD**
(Fan Cooled)



**SPR-60
SPR-80**
(Fan Cooled)



SPR-40
(Fan Cooled)



- Compact
- Quiet Electric Motor
- Lightweight
- Continuous Duty

SPR & SPRT Units are UL Listed



MODEL SPR, SPRT, and SPWT electric motor vibrators are specially developed for the thousands of applications where only a small shake is necessary, but big vibrator reliability is a must. For activating small hoppers, screens, chutes, tables, filling machines, etc. Controlled flow is obtained on all types of materials, including fine powders, flakes, pills, bottle caps and jars, etc.

Speed and force can be adjusted on most models with simple rheostats or speed adjusters. Completely noiseless operation (no more sound than a fan motor) makes these vibrators desirable in applications where noise is irritating or fatiguing for the employee. Most units available in 230 volt 50/60 Hz. Rugged construction permits continuous or repeated start and stop operation in any position.

SPR-60HD, SPR-80HD and SPRT-60HD, SPRT-80HD are heavy duty units with oversized bearing and cast aluminum end bell instead of plastic for extra long life. For custom performance and for harsh environments, SPR 20, 21, 40, 60 and 80 can be ordered in Steel, Plastic, or Aluminum housings.



Above: A Model SPR vibrator keeps cans moving, jam-free in this bottling plant.

Technical Data

Model	Weight***		Force Impact		Electric Motor Specs.			Vibrations per min.	Housing	Speed Option	Sound*	Max. Weight** of Material in Bin Slope Area	
	lbs.	kg.	lbs.	Newtons	Voltage	Amps.	Phase					VPM	Enclosure
SPR-10	3	1.4	8	36	115	.4	1	1,600	Open	Yes	45	80	36
SPR-20	3	1.4	15	65	115	.4	1	1,600	Open	Yes	45	150	70
SPR-21	3	4.1	20	90	115/230	.7/.32	1	3,200	Open	Yes	48	200	90
SPR-40	7	3.2	25	110	115	1.12	1	1,600	Tot. Encl. & Fan Cooled	Yes	45	250	115
SPR-60, 60HD	6.5/7.3	2.9/3.3	60	265	115/230	1.27/.64	1	3,200		Partly†	48	600	270
SPR-80, 80HD	6.5/7.3	2.9/3.3	80	355	115/230	1.36/.64	1	3,200	Partly†	50	800	365	
SPRT-21	3	1.4	20	90	115/230	.6/.24	1	3,200	Tot. Encl.	Yes	45	200	90
SPRT-60, 60HD	5/5.5	2.3/2.5	60	265	115/230	.6/.24	1	3,200	Tot. Encl.	Partly†	48	600	270
SPRT-80, 80HD	5/5.5	2.3/2.5	80	355	115/230	.6/.24	1	3,200	Tot. Encl.	Partly†	50	800	365
SPWT-21	7	3.2	20	90	115/230	.7/.32	1	3,200	Watertight	Yes	50	200	90
SPWT-60	7	3.2	60	265	115/230	.7/.32	1	3,200	Watertight	Yes	50	600	270
SPWT-80	7	3.2	80	355	115/230	.7/.32	1	3,200	Watertight	Yes	50	800	365

* Decibel from A scale at 1 meter

** Rule of thumb: One lb. vibrator force to each 10 lbs. of bin content

*** First figure is plastic housing & second is aluminum housing

† Does not provide full range of speeds from 1-100

†† Available in 50 & 60 Cycles

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

MODEL SPR SPRT AND SPWT

SPR-21
(Fan Cooled)



SPRT-21
(Totally Enclosed)



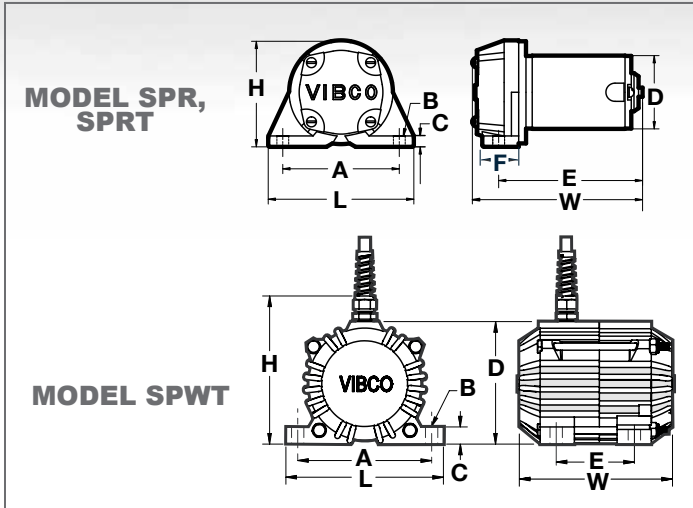
SPR-10
SPR-20
(Fan Cooled)



SPWT-21
SPWT-60
SPWT-80



ELECTRIC



Above: A Model SPWT keeps bottles moving without obstruction on this conveyor. Contact VIBCO for optimal mounting in your specific problem areas.

Dimensions

Model	L		W		H		A		B*		C		D		E		F	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
SPR-10, 20	4-7/8	124	4-7/8	124	4	102	4	102	3/8	10	3/4	19	3-11/16	94	4	102	1	25
SPR-21	4-7/8	124	5-1/4	133	4	102	4	102	3/8	10	3/4	19	3-3/8	86	4-7/16	113	1	25
SPR-40	6	152	6-3/8	162	4-1/4	108	5	127	3/8	10	1/2	13	4	102	5-1/4	133	1-5/16	33
SPR-60, 60HD	6	152	7	178	4-1/4	108	5	127	3/8	10	1/2	13	4	102	5-7/8	149	1-5/16	33
SPR-80, 80HD	6	152	7	178	4-1/4	108	5	127	3/8	10	1/2	13	4	102	5-7/8	149	1-5/16	33
SPRT-21	6	152	5-1/2	140	4-1/4	108	4	102	3/8	10	9/16	14	3-7/8	98	4-5/16	110	1	25
SPRT-60, 60HD	6	152	6-3/8	162	4-1/4	108	5	127	3/8	10	9/16	14	4-5/16	110	5-5/16	135	1-5/16	33
SPRT-80, 80HD	6	152	6-3/8	162	4-1/4	108	5	127	3/8	10	9/16	14	4-5/16	110	5-5/16	135	1-5/16	33
SPWT-21	5-3/4	146	5-7/16	138	4-1/4	108	4-3/4	121	3/8	10	9/16	14	4-5/16	110	2-3/4	70	—	—
SPWT-60	5-3/4	146	5-7/16	138	4-1/4	108	4-3/4	121	3/8	10	9/16	14	4-5/16	110	2-3/4	70	—	—
SPWT-80	5-3/4	146	5-7/16	138	4-1/4	108	4-3/4	121	3/8	10	9/16	14	4-5/16	110	2-3/4	70	—	—

* Max. mounting bolt diameter

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