

Vibrator Model	Global Ball Vibrators Performance Data														
	Air Pressure														
	Un-balance	Start Min		20 psi (1.4 bar)			40 psi (2.8 bar)			60 psi (4.1 bar)			80 psi(5.5 bar)		
		Vert	Horz	Speed	Flow	Force	Speed	Flow	Force	Speed	Flow	Force	Speed	Flow	Force
	lb-in	psi	psi	rpm	cfm	lb	rpm	cfm	lb	rpm	cfm	lb	rpm	cfm	lb
kg-mm	bar	bar		Lpm	N		Lpm	N		Lpm	N		Lpm	N	
BS-10	0.003	5	2	16,000	4.3	25	20,000	7.0	38	22,000	9.0	45	22,800	10.8	50
	0.04	0.3	0.1		122	111		198	169		255	200		306	223
BS-16	0.020	15	7	9,400	4.1	50	13,000	6.4	93	14,000	8.2	110	14,800	10.0	124
	0.23	1.0	0.5		116	222		181	414		232	489		283	553
BS-19	0.043	20	10	8,600	5.5	89	11,000	8.4	150	13,000	11.0	200	14,800	13.7	267
	0.50	1.4	0.7		156	396		238	667		311	890		388	1190
BS-25	0.120	30	15	5,700	7.5	110	6,900	12.0	160	8,200	16.0	230	9,600	19.8	314
	1.38	2.1	1.0		212	489		340	712		453	1023		561	1397
US-13	0.009	5	2	13,000	6.5	45	18,000	11.0	84	20,000	15.0	110	22,400	19.0	133
	0.11	0.3	0.1		184	200		311	374		425	489		538	589
US-19	0.043	20	10	8,700	5.5	92	11,000	8.4	160	13,000	12.0	210	15,000	16.0	275
	0.50	1.4	0.7		156	409		238	712		340	934		453	1222
US-25	0.120	30	15	6,300	7.0	140	8,400	12.0	240	9,100	16.0	280	9,600	20.0	314
	1.38	2.1	1.0		198	623		340	1068		453	1246		566	1397
US-38	0.520	50	25	4,300	12.0	270	5,600	19.0	470	6,000	25.0	540	6,200	31.0	568
	5.99	3.4	1.7		340	1201		538	2091		708	2402		878	2525
CS-19	0.043	20	10	9,100	5.7	100	12,000	8.4	170	14,000	12.0	220	17,000	15.7	353
	0.50	1.4	0.7		161	445		238	756		340	979		445	1570
CS-25	0.120	30	15	6,300	7.8	130	8,100	13.0	220	9,200	18.0	290	10,000	22.3	341
	1.38	2.1	1.0		221	578		368	979		510	1290		631	1516
CS-35	0.240	50	25	5,300	7.8	190	6,700	13.0	310	7,600	16.0	390	8,100	19.0	447
	2.77	3.4	1.7		221	845		368	1379		453	1735		538	1989
DS-41	0.820	55	25	3,200	13.0	240	4,000	21.0	370	4,400	27.0	450	4,700	33.7	514
	9.45	3.8	1.7		368	1068		595	1646		765	2002		954	2288
DS-51	1.300	60	30	3,100	13.0	350	4,000	20.0	580	4,300	27.0	680	4,400	33.7	715
	14.98	4.1	2.1		368	1557		566	2580		765	3025		954	3179

Ball Vibrator Dimensions							
Vibrator Model	Weight	A	B	C	D	E	F
		Height	Length	Width	Inlet	Bolt Hole	Bolt Centers
	lb	in	in	in	in	in	in
	kg	mm	mm	mm	NPT	mm	mm
BS-10	0.70	1.88	3.12	1.10	1/8	0.34	Single Bolt
	0.32	48	79	28		9	
BS-16	1.45	2.42	3.96	1.34	1/4	0.44	Single Bolt
	0.66	61	101	34		11	
BS-19	1.95	2.75	4.38	1.50	1/4	0.44	Single Bolt
	0.88	70	111	38		11	
BS-25	3.05	3.25	5.35	1.75	1/4	0.44	Single Bolt
	1.38	83	136	44		11	
US-13	1.20	2.63	5.19	1.21	1/8	0.34	4.00
	0.54	67	132	31		9	102
US-19	2.05	3.38	5.00	1.50	1/4	0.44	4.00
	0.93	86	127	38		11	102
US-25	3.50	3.88	6.50	1.75	1/4	0.44	5.00
	1.59	99	165	44		11	127
US-38	7.95	5.18	7.75	2.30	3/8	0.56	6.00
	3.61	132	197	58		14	152
US-44	10.45	5.75	8.75	2.50	1/2	0.69	7.00
	4.74	146	222	64		17	178
CS-19	2.4	3.40	5.25	1.50	1/4	0.44	4.00
	1.09	86	133	38		11	102
CS-25	4.40	4.12	5.38	2.12	1/4	0.53	4.00
	2.00	105	137	54		13	102
CS-35	4.65	4.12	5.38	2.12	1/4	0.53	4.00
	2.11	105	137	54		13	102
DS-41	10.45	5.65	6.75	2.50	1/2	0.40	5.50 X 1.75
	4.74	144	171	64		10	140 X 44
DS-51	11.00	5.65	6.75	2.50	1/2	0.40	5.50 X 1.75
	4.99	144	171	64		10	140 X 44

