

Pneumatic Design Series Vibrators Performance Data

Vibrator Model	Unbalance	Pressure	40 psi (2.8 bar)			60 psi (4.1 bar)			80 psi (5.5 bar)		
		Start-Up	Speed	Flow	Force	Speed	Flow	Force	Speed	Flow	Force
	lb-in	psi	rpm	cfm	lb	rpm	cfm	lb	rpm	cfm	lb
	kg-mm	bar		Lpm	kN		Lpm	kN		Lpm	kN
C3-1.5-4AC	1.5	8	4,400	41	820	5,150	55	1,130	5,650	74	1,360
	17	0.6		1,161	4		1,557	5		2,095	6
C3-2.0-4AC	2.0	8	4,310	40	1,050	4,980	54	1,410	5,500	73	1,720
	23	0.6		1,133	5		1,529	6		2,067	8
C3-2.5-4AC	2.5	8	4,220	39	1,260	4,820	53	1,650	5,350	72	2,030
	29	0.6		1,104	6		1,501	7		2,039	9
C3-3.0-4AC	3.0	8	4,130	38	1,450	4,650	52	1,840	5,200	71	2,300
	35	0.6		1,076	6		1,472	8		2,010	10
C3-4.0-4AC	4.0	10	4,050	37	1,860	4,540	51	2,340	5,170	70	3,040
	46	0.7		1,048	8		1,444	10		1,982	14
C3-5.0-4AC	5.0	13	3,980	36	2,250	4,440	51	2,800	5,130	70	3,740
	58	0.9		1,019	10		1,444	12		1,982	17
C3-6.0-4AC	5.9	18	3,900	35	2,544	4,330	50	3,136	5,100	69	4,350
	68	1.2		991	11		1,416	14		1,954	19
D4.5-6-4AC CC4.5-6-4AC	6.0	18	3,950	35	2,660	4,250	57	3,080	4,500	65	3,450
	69	1.2		991	12		1,614	14		1,841	15
D4.5-8-4AC CC4.5-8-4AC	8.0	18	3,600	30	2,940	3,900	48	3,460	4,300	64	4,200
	92	1.2		850	13		1,359	15		1,812	19
D4.5-10-4AC CC4.5-10-4AC	10.0	18	3,350	32	3,190	3,700	47	3,890	3,900	62	4,320
	115	1.2		906	14		1,331	17		1,756	19
D7-12-6AC CC7-12-6AC	12.0	15	4,000	55	5,450	5,250	85	9,390	Operation Not Recommended at pressures above 60 psi.		
	138	1.0		1,557	24		2,407	42			
D7-18-6AC CC7-18-6AC	18.0	18	3,550	54	6,440	4,650	82	11,050	5,400	114	14,910
	207	1.2		1,529	29		2,322	49		3,228	66
D7-25-6AC CC7-25-6AC	25.0	20	3,300	52	7,730	4,400	81	13,750	5,050	109	18,110
	288	1.4		1,472	34		2,294	61		3,087	81