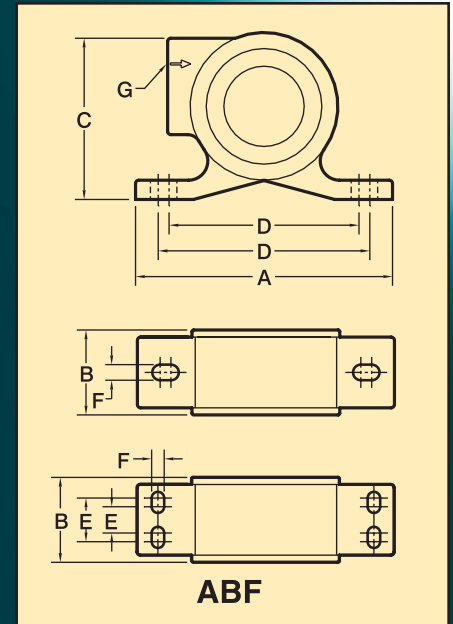
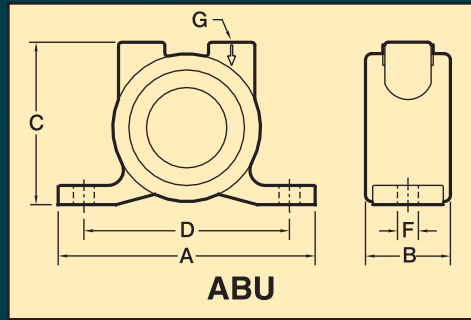
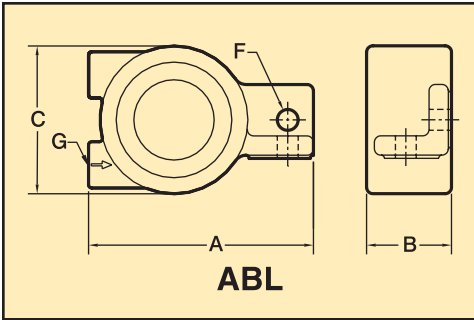


Ball Vibrators Models ABL, ABU & ABF

COUGAR

DIMENSIONS (Millimeter)



Model	A	B	C	Bolt Pattern		Bolt Size F	Port NPT G	Weight kg
				D	E			
ABL-10	76	30	51	25	--	8	1/8"	0.3
ABL-13	94	33	60	25	--	8	1/8"	0.5
ABL-19	114	43	75	32	--	8	1/4"	0.9
ABL-25	143	59	97	41	--	10	1/4"	2.2
ABU-6	95	29	54	76	--	6	1/8"	0.3
ABU-13	127	32	64	102	--	8	1/8"	0.7
ABU-19	127	41	81	102	--	8	1/4"	1.1
ABU-25	152	57	105	127	--	10	3/8"	2.3
ABU-32	152	57	105	127	--	10	3/8"	2.7
ABU-38	197	70	127	152	--	16	3/8"	4.1
ABU-44	216	76	146	178	--	16	1/2"	5.9
ABF-10	100	30	56	76	--	8	1/8"	0.3
ABF-13	129	33	67	102	--	8	1/8"	0.7
ABF-19	54	43	84	102	--	8	1/4"	1.1
ABF-25	162	59	111	4-5	--	10	1/4"	2.5
ABF-35	162	59	111	4-5	--	10	1/4"	2.7
ABF-41	162	79	152	140	38-44	8	3/8"	6.1
ABF-51	162	79	152	140	38-44	8	3/8"	6.6

For the mounting and operation instructions on Ball Vibrators see our form 701

PERFORMANCE DATA

Model	kg cm	Min. Starting Pressure (Bar)		2.7 Bar			4 Bar			5.5 Bar		
		Horz.	Vert.	VPM	Force (N)	Ltr/Min	VPM	Force (N)	Ltr/Min	VPM	Force (N)	Ltr/Min
ABL-10	0.003	0.28	0.34	21000	165	181	23000	200	181	24000	218	238
ABL-13	0.009	0.34	0.69	17500	311	187	19500	383	249	20000	405	320
ABL-19	0.043	0.34	0.90	10500	516	235	15000	1050	317	16000	1197	456
ABL-25	0.134	0.34	1.31	10000	1463	294	11000	1775	399	12500	2291	513
ABU-6	0.001	0.07	0.07	22000	62	99	25000	80	127	26000	85	170
ABU-13	0.009	0.34	0.69	15000	227	142	20000	400	212	12000	445	297
ABU-19	0.043	0.34	0.90	14000	912	198	16000	1201	311	17000	1348	396
ABU-25	0.134	0.34	1.31	9700	1375	283	11000	1770	368	12000	2108	453
ABU-32	0.276	0.34	2.07	6500	1281	311	7500	1704	481	11500	4008	544
ABU-38	0.553	0.34	3.45	5500	1833	396	6200	2331	566	10000	6063	697
ABU-44	1.054	0.34	4.14	5100	3003	425	6000	4159	595	6500	4880	736
ABF-10	0.003	0.83	1.38	15000	85	122	15500	89	170	19000	138	212
ABF-13	0.009	0.21	1.24	13000	169	167	15100	231	229	17000	294	283
ABF-19	0.043	0.34	1.38	11000	565	255	13250	818	314	15500	1121	399
ABF-25	0.134	0.34	2.83	8100	961	266	9700	1392	362	11100	1806	462
ABF-35	0.242	0.34	2.83	8200	1784	309	10750	3065	416	11500	3510	535
ABF-41	0.864	0.34	4.48	4000	1517	470	5000	2371	589	5500	2865	821
ABF-51	1.301	0.34	5.79	3000	1286	470	3600	1850	637	5000	3567	821



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Form TB-AB-001b