

Mod	Maximum allowable stroke 800-1200 CPM/Hz		UNLOADED DIMENSION						MINIMUM LOAD						MAXIMUM LOAD					
	In	mm	Outer diameter (inches/mm)		Inner diameter (inches/mm)		Free height (in/mm)		Minimum load (lbs/kN)		Compressed height (in/mm)		Natural frequency (CPM/Hz)		Minimum load (lbs/kN)		Compressed height (in/mm)		Natural frequency (CPM/Hz)	
W22-358-0216	0.13	3	1.625	41	0.625	16	1.75	44	145	0.64	1.5	38	414	6.9	315	1.4	1.27	32	304	5.1
W22-358-0222	0.26	7	1.625	41	0.625	16	3.5	89	140	0.62	2.98	76	279	4.7	320	1.4	2.54	65	253	4.2
W22-358-0031	0.38	10	3.25	83	1.25	32	5	127	400	1.78	4.25	108	251	4.2	900	4	3.63	92	186	3.1
W22-358-0183	0.3	8	3	76	1	25	4	102	410	1.82	3.25	83	197	3.3	680	3	2.9	74	242	4
W22-358-0047	0.3	8	3	76	1	25	4	102	420	1.87	3.4	86	174	2.9	910	4	2.9	74	161	2.7
W22-358-0030	0.23	6	3	76	1	25	3	76	475	2.11	2.55	65	293	4.9	925	4.1	2.18	55	216	3.6
W22-358-0180	0.45	11	4	102	2	51	6	152	530	2.36	5.1	130	218	3.6	1100	4.9	4.35	110	162	2.7
W22-358-0123	0.45	11	3.5	89	1	25	6	152	570	2.53	5.1	130	223	3.7	1225	5.4	4.35	110	165	2.8
W22-358-0178	0.45	11	4.5	114	2	51	6	152	720	3.2	5.1	130	235	3.9	1690	7.5	4.35	110	173	2.9
W22-358-0091	0.53	13	4.5	114	1	25	7	178	1120	4.98	5.95	151	213	3.6	2550	11.3	5.08	129	158	2.6
W22-358-0064	0.53	13	5	127	1	25	7	178	1400	6.22	5.95	151	210	3.5	2860	12.7	5.08	129	165	2.8
W22-358-0172	0.45	11	6	152	3	76	6	152	1400	6.22	5.1	130	208	3.5	3080	13.7	4.35	110	192	3.2
W22-358-0186	0.6	15	6.5	165	3	76	8	203	1530	6.8	6.8	173	195	3.3	3350	14.9	5.8	147	144	2.4
W22-358-0187	0.53	13	5.5	140	2	51	7	178	1540	6.84	5.95	151	182	3	3280	14.6	5.08	129	181	3
W22-358-0200	0.45	11	6	152	1	25	6	152	1765	7.84	5.1	130	232	3.9	4050	18	4.35	110	171	2.9
W22-358-0042	0.75	19	6	152	1	25	10	254	1980	8.8	8.5	216	175	2.9	4340	19.3	7.25	184	129	2.2
W22-358-0190	0.6	15	6.5	165	2	51	8	203	1990	8.84	6.8	173	186	3.1	4400	19.6	5.8	147	160	2.7
W22-356-0122	0.6	15	6	152	1	25	8	203	2180	9.69	6.8	173	192	3.2	4670	20.8	5.8	147	142	2.4
W22-358-0179	0.6	15	7.5	191	3.5	89	8	203	2300	10.22	6.8	173	180	3	5150	22.9	5.8	147	164	2.7
W22-358-0176	0.75	19	7.5	191	3.5	89	10	254	2300	10.22	8.5	216	175	2.9	5300	23.6	7.25	184	144	2.4

W22-358-0228	0.9	23	8	203	3.5	89	12	305	2700	12	10.2	259	158	2.6	5870	26.1	8.7	221	116	1.9
W22-358-0232	0.6	15	8	203	2	51	8	203	3300	14.67	6.8	173	188	3.1	7900	35.1	5.8	147	178	3
W22-358-0230	0.6	15	9	229	2	51	8	203	5200	23.11	6.8	173	182	3	11400	50.7	5.8	147	151	2.5
W22-358-0108	1.05	27	10	254	2	51	14	356	5500	24.44	11.9	302	148	2.5	12250	54.4	10.15	258	110	1.8
W22-358-0254	0.6	15	10	254	2	51	8	203	6600	29.33	6.8	173	199	3.3	15000	66.7	5.8	147	159	2.7
W22-358-0143	0.45	11	11	279	2	51	6	152	8200	36.44	5.1	130	220	3.7	20000	88.9	4.35	110	204	3.4
W22-358-0243	0.6	15	11	279	2	51	8	203	8300	36.89	6.8	173	195	3.3	18000	80	5.8	147	144	2.4