

F-SERIES VIBRATION TESTING SYSTEM

Basic System

Performance/ Specification System Model	Exciting Force (F)						Frequency Range	Maximum Acceleration		Maximum Displacement	Maximum Velocity
	Sine		Random		Shock		(f)	(α)		(d)	(v)
	kN _{0-p}	kgf _{0-p}	kN _{rms}	kgf _{rms}	kN _{0-p}	kgf _{0-p}	Hz	m/s ²	(G)	mm _{p-p}	m/s
F-01000BM	1	102	0.7	71	2	204	(DC) to 5000	769	(78.5)	15	1.1
F-01300BM	1.3	133	0.9	93	2.6	265	(DC) to 5000	1000	(102)	15	1.4
F-02000BM	2	204	1.4	143	4	408	(DC) to 4000	714	(73)	20	1.4
F-02000BM/A	2	204	1.4	143	4	408	(DC) to 3000	500	(51)	20	1.4
F-02000BM/FA	2	204	1.4	143	4	408	(DC) to 2500	444	(45)	30	1.4
F-02500AM/A	2.5	255	1.5	153	5	510	(DC) to 500*	625	(64)	20	0.8
F-02500AM/FA	2.5	255	1.5	153	5	510	(DC) to 500*	556	(56)	30	0.8
F-03000BM	3	306	2.1	214	6	612	(DC) to 4000	1071	(109)	20	1.6
F-03000BM/A	3	306	2.1	214	6	612	(DC) to 3000	750	(76)	20	1.6
F-03000BM/FA	3	306	2.1	214	6	612	(DC) to 2500	667	(68)	30	1.6
F-06000BM	6	612	4.2	428	15	1530	(DC) to 3500	923	(94)	20	1.8
F-06000BM/A	6	612	4.2	428	15	1530	(DC) to 2300	706	(72)	30	1.8
F-06000BM/FA	6	612	4.2	428	15	1530	(DC) to 2000	600	(61)	40	1.8
F-10000BD/LA16BP	10	1020	8	816	25	2549	(DC) to 3000	667	(68)	56	1.2
F-15000BD/LA16AP	15	1530	12	1224	37.5	3824	(DC) to 3000	1000	(102)	56	1.8
F-15000BD/LA26AP	15	1530	12	1224	37.5	3824	(DC) to 2500	577	(59)	60	1.8
F-22000BD/LA26AP	22	2243	17.6	1795	55	5608	(DC) to 2500	846	(86)	60	1.8
F-25000BD/LA26AP	25	2549	20	2040	62.5	6373	(DC) to 2500	961	(98)	60	1.8
F-28000BD/LA36AP	28	2855	22.4	2285	70	7138	(DC) to 2200	848	(87)	60	1.8
F-33000BD/LA36AP	33	3365	26.4	2693	82.5	8413	(DC) to 2200	1000	(102)	60	1.8
F-35000BD/LA36AP	35	3569	28	2855	87.5	8923	(DC) to 2200	1060	(108)	60	1.8
F-40000BD/LA40AP	40	4079	32	3263	100	10197	(DC) to 2200	1111	(113)	60	1.8
F-43000BD/LA60AP	43	4386	30.1	3070	107.5	10965	(DC) to 2500	632	(64)	60	1.3
F-51000BD/LA60AP	51	5202	35.7	3641	127.5	13005	(DC) to 2500	750	(76)	60	1.3
F-60000AD/LA60AP	60	6120	42	4284	150	15300	(DC) to 500*	882	(90)	60	1.3

High Velocity System

F-08500BDH/LA085SF	8.5	867	6.0	612	17	1734	(DC) to 3000	850	(86.6)	51	2.0
F-10000BDH/LA16BW	10	1020	8	816	25	2549	(DC) to 3000	667	(68)	56	2.0
F-15000ADH/LA16BW	15	1530	12	1224	37.5	3824	(DC) to 2000	1000	(102)	56	2.0
F-08000BDH/LA16AW	8	816	6.4	653	20	2039	(DC) to 3000	533	(54)	56	2.3
F-12000BDH/LA16AW	12	1224	9.6	979	30	3059	(DC) to 3000	800	(82)	56	2.3
F-16000BDH/LA16AW	16	1632	12.8	1306	40	4079	(DC) to 3000	1067	(109)	56	2.3
F-15000BDH/LA26AW	15	1530	12	1224	37.5	3824	(DC) to 2500	577	(59)	60	2.3
F-22000BDH/LA26AW	22	2243	17.6	1795	55	5608	(DC) to 2500	846	(86)	60	2.3
F-26000BDH/LA26AW	26	2651	20.8	2122	65	6628	(DC) to 2500	1000	(102)	60	2.3
F-28000BDH/LA36AW	28	2855	22.4	2285	70	7138	(DC) to 2200	848	(87)	60	2.0
F-33000BDH/LA36AW	33	3365	26.4	2693	82.5	8413	(DC) to 2200	1000	(102)	60	2.0
F-35000BDH/LA36AW	35	3569	28	2855	87.5	8923	(DC) to 2200	1060	(108)	60	2.0
F-40000BDH/LA40AW	40	4079	32	3263	100	10197	(DC) to 2200	1111	(113)	60	2.0
F-43000BDH/LA60AW	43	4386	30.1	3070	107.5	10965	(DC) to 2500	632	(64)	60	1.78
F-51000BDH/LA60AW	51	5202	35.7	3641	127.5	13005	(DC) to 2500	750	(76)	60	1.78
F-60000BDH/LA60AW	60	6120	42	4284	150	15300	(DC) to 2500	882	(90)	60	1.78

Large Displacement (100mm_{p-p}) System

F-08000BDH/SLS16	8	816	6.4	653	20	2039	(DC) to 2000	320	(33)	100	2.0
F-12000BDH/SLS16	12	1224	9.6	979	30	3059	(DC) to 2000	480	(49)	100	2.0
F-16000BDH/SLS16	16	1632	12.8	1306	40	4079	(DC) to 2000	640	(65)	100	2.0
F-15000BDH/SLS26	15	1530	12	1224	37.5	3824	(DC) to 2000	441	(45)	100	2.0
F-22000BDH/SLS26	22	2243	17.6	1795	55	5608	(DC) to 2000	647	(66)	100	2.0
F-26000BDH/SLS26	26	2651	20.8	2122	65	6628	(DC) to 2000	765	(78)	100	2.0
F-28000BDH/SLS36	28	2855	22.4	2285	70	7138	(DC) to 2000	667	(68)	100	2.0
F-35000BDH/SLS36	35	3569	28	2855	87.5	8923	(DC) to 2000	833	(85)	100	2.0
F-60000BDH/SLS60	60	6120	40	4079	150	15300	(DC) to 2500	882	(90)	100	1.8

*: At higher frequency than 500 Hz an available force of the system code "A" such as F-00000AX is 80% to 90% of rated force. (Please ask us each model)

↑ Lower limit frequency depends on available vibration control system. On the other hand, the rated exciting force is ensured up to the upper limit frequency.