

Dimensions are in millimeters. For reference only

INTERFACES			
fixtures holes D	Bar 1		
	2 through holes ø7mm	2 through holes ø7mm countersunk 90°	2 x M6
Bar 2			
2 through holes ø7mm	TM2	not standard	not standard
2 through holes ø7mm countersunk 90°	TCM	CM2	not standard
2 x M6	TIM	CIM	IM2



COMPRESSION AND TENSION

FH12 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16	-18	-20	-22
1.Max Static	F daN	30.7	27	22.6	20	17.4	15.6	13.7	9.8	9.2	7	5.4
	d mm	2	2.3	2.8	3.1	3.5	3.8	4.3	5.6	5.9	6.3	6.8
2.Max Shock	F daN	92	81	67.8	60.2	52.1	46.9	41	29.4	27.5	21	16.1
	d mm	10	12	15	18	19	22	25	31	33	34	36
3.Max Vibration	2a mm	1.2	1.4	1.7	2	2.2	2.5	2.8	3.5	3.7	3.8	4.1
	f Hz	14.1	13.1	11.9	11.1	10.5	10	9.4	8.4	8.1	7.9	7.5
1.Max Static	F daN	30.7	27	22.6	20	17.4	15.6	13.7	9.8	9.2	7	5.4
	d mm	1.4	1.6	1.9	2.1	2.4	2.6	2.8	3.8	4	5	6
2.Max Shock	F daN	293	253	208	175	156	135	117	88.1	81.9	73.2	62.8
	d mm	5	6	7	8	9	9	10	15	15	22	29
3.Max Vibration	2a mm	0.7	0.7	0.8	0.9	1	1.1	1.2	1.6	1.7	2.5	3.3
	f Hz	19.6	18.4	17	16.6	15.3	15	14.2	12.2	11.9	10.2	9.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH12 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16	-18	-20	-22
1.Max Static	F daN	23	20.2	17	15	13	11.7	10.2	7.4	6.9	5.2	4
	d mm	2.6	3	3.8	3.7	4	4.7	5.3	6.3	6.7	9.3	9.4
2.Max Shock	F daN	59.6	52.3	43.6	38.2	33.4	29.7	26	18.8	17.6	13.8	10.8
	d mm	16	18	22	27	29	33	37	47	49	51	55
3.Max Vibration	2a mm	1.8	2.1	2.5	3	3.3	3.7	4.2	5.2	5.5	5.6	6.1
	f Hz	10.6	9.8	8.9	8.4	8	7.5	7.1	6.3	6.2	5.8	5.6
1.Max Static	F daN	23	20.2	17	15	13	11.7	10.2	7.4	6.9	5.2	4
	d mm	1.7	1.9	2.5	2.7	3	3.3	3.7	4.7	4.9	6.3	6.9
2.Max Shock	F daN	145	125	103	86.2	77.3	66.5	57.9	43.5	40.4	36.5	31.5
	d mm	6	7	8	9	10	11	12	17	18	25	34
3.Max Vibration	2a mm	0.8	0.8	1	1	1.2	1.2	1.4	1.9	2	2.8	3.8
	f Hz	15.8	14.8	13.8	13.4	12.4	12.1	11.5	9.8	9.6	8.3	7.3



SHEAR OR ROLL

FH12 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16	-18	-20	-22
1.Max Static	F daN	15.3	13.5	11.3	10	8.7	7.8	6.8	4.9	4.6	3.5	2.7
	d mm	2.5	3.1	3.6	4.6	4.8	5.5	6.7	8.2	8.5	8.4	9.6
2.Max Shock	F daN	81.7	68.8	54.8	44.6	39.8	33.6	28.9	21.4	19.8	17.9	15.2
	d mm	9	11	13	14	16	18	20	26	27	33	39
3.Max Vibration	2a mm	1.1	1.2	1.4	1.6	1.8	2	2.2	2.9	3.1	3.6	4.4
	f Hz	5.6	5.3	4.9	4.7	4.4	4.3	4.1	3.6	3.5	3	2.7

1. Max static load (F) with corresponding deflection (d)
2. Max shock load (F) with corresponding deflection (d)
3. Uncoupled resonant frequency (f) under max static loading 1. and max peak to peak sinusoidal vibration input (2a)

***IMPORTANT:** Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us

TYPICAL SHOCK/VIBRATION SPECIFICATIONS:

Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810
Ground Forces	GAM EG13A, SEFT 001, MIL-STD-810, VG 9533
Marine	GAM EG13C, IT25-21/96-31/15-86, MIL-S-167, MIL-S-901, STANAG 042, BV 043.73, BV 044
Others	GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C

