

Selection Information

1. Ceiling suspended / Floor Mounted
2. Spring element / Neoprene element
3. Construction : open / housed / restrained
4. Deflection
5. Point Load

Housed Spring Mounts

1" deflection

Point load (lbs)	Isolator Model
1 to 40	ZB-121
41 to 66	ZB-122
67 to 110	ZB-123
111 to 173	ZB-124
174 to 246	ZB-125
247 to 300	ZB-126
301 to 466	ZB-127
467 to 500	AB-1-108
501 to 600	AB-1-109
601 to 733	AB-1-110
734 to 866	AB-1-111
867 to 1000	AB-1-112
1001 to 1066	AB-1-109-113
1067 to 1106	AB-1-110-113
1107 to 1240	AB-1-111-113
1241 to 1466	AB-1-112-113
1467 to 1732	AB-2-111
1733 to 2000	AB-2-112
2001 to 2132	AB-2-109-113
2133 to 2212	AB-2-110-113
2213 to 2480	AB-2-111-113
2481 to 2932	AB-2-112-113
2933 to 3464	AB-4-111
3465 to 4000	AB-4-112
4001 to 4264	AB-4-109-113
4265 to 4424	AB-4-110-113
4425 to 4960	AB-4-111-113
4961 to 5864	AB-4-112-113

2" deflection

Point load (lbs)	Isolator Model
1 to 66	AB-1-140
67 to 133	AB-1-141
134 to 250	AB-1-142
251 to 333	AB-1-143
334 to 476	AB-1-144
477 to 518	AB-1-141-146B
519 to 650	AB-1-142-146B
651 to 953	AB-1-147
954 to 1261	AB-1-148A
1262 to 1353	AB-1-147-146B
1354 to 1661	AB-1-148A-146B
1662 to 1906	AB-2-147
1907 to 2522	AB-2-148A
2523 to 2706	AB-2-147-146B
2707 to 3322	AB-2-148A-146B
3323 to 3812	AB-4-147
3813 to 5044	AB-4-148A
5045 to 5414	AB-4-147-146B
5415 to 6644	AB-4-148A-146B

Open Spring Mounts (OSM / RSM)

(Welded steel construction)

1" deflection

Point load (lbs)	Isolator Model
1 to 83	OSM-1-150
84 to 150	OSM-1-151
151 to 216	OSM-1-152
217 to 300	OSM-1-153
301 to 400	OSM-1-154
401 to 500	OSM-1-155
501 to 600	OSM-1-156
601 to 733	OSM-1-157
734 to 1200	OSM-1-158
1201 to 1666	OSM-1-159
1667 to 2083	OSM-1-159-161
2084 to 2400	OSM-2-158
2401 to 3332	OSM-2-159
3333 to 4166	OSM-2-159-161
4167 to 4800	OSM-4-158
4801 to 6664	OSM-4-159
6665 to 8332	OSM-4-159-161

2" deflection

Point load (lbs)	Isolator Model
1 to 66	OSM-1-140
67 to 133	OSM-1-141
134 to 250	OSM-1-142
251 to 333	OSM-1-143
334 to 476	OSM-1-144
477 to 518	OSM-1-141-146B
519 to 650	OSM-1-142-146B
651 to 953	OSM-1-147
954 to 1261	OSM-1-148A
1262 to 1353	OSM-1-147-146B
1354 to 1661	OSM-1-148A-146B
1662 to 1906	OSM-2-147
1907 to 2522	OSM-2-148A
2523 to 2706	OSM-2-147-146B
2707 to 3322	OSM-2-148A-146B
3323 to 3812	OSM-4-147
3813 to 5044	OSM-4-148A
5045 to 5414	OSM-4-147-146B
5415 to 6644	OSM-4-148A-146B

Notes / Remarks : These tables should only be used when there is uncertainty over calculated point loads. Otherwise use VIMCO™ standard selection charts (S-1100.10)

VIBRATION MANAGEMENT CORPORATION

5930 THOMAS ROAD,
HOUSTON - TEXAS 77041 , USA

Internet address:
www.vimco.biz

Project :
Client :
Consultant :
Representative :

Title :

**Special Isolator
Selection Tables**
50% additional travel to solid
(*Read notes before using*)

Drawing no.
S-1100.11
(2 pages)
Rev. 1

Open Spring Mounts
(Rubber cup construction)

1" deflection

Point load (lbs)	Isolator Model
1 to 40	BA-121
41 to 66	BA-122
67 to 110	BA-123
111 to 173	BA-124
174 to 246	BA-125
247 to 300	BA-126
301 to 466	BA-127
467 to 500	BB-155
501 to 600	BB-156
601 to 733	BB-157
734 to 1200	BB-158
1201 to 1666	BB-159
1667 to 2083	BB-159-161

Neoprene mounts

Point load (lbs)	Isolator Model
1 to 30	FMD-A-1
31 to 40	FMD-A-2
41 to 70	FMD-A-3
71 to 115	FMD-A-4
116 to 130	FMD-B-1
131 to 165	FMD-B-2
166 to 235	FMD-B-3
236 to 375	FMD-B-4
376 to 400	FMD-E-3
401 to 500	FMD-E-4
501 to 750	FMD-F-1
751 to 1000	FMD-F-2
1001 to 1500	FMD-F-3
1501 to 2200	FMD-F-4

Neoprene hangars

Point load (lbs)	Isolator Model
1 to 30	HND-A-1
31 to 40	HND-A-2
41 to 70	HND-A-3
71 to 120	HND-A-4
121 to 165	HND-B-1
166 to 235	HND-B-2
236 to 375	HND-B-3
376 to 573	HND-B-4
574 to 745	HND-C-3
746 to 1307	HND-C-4
1308 to 2240	HND-D-2
2241 to 3000	HND-D-3
3001 to 4200	HND-D-4

Spring + Neospring Hangars

1" deflection

Point load (lbs)	Isolator Model Spring
1 to 40	HSA-121
41 to 66	HSA-122
67 to 110	HSA-123
111 to 173	HSA-124
174 to 246	HSA-125
247 to 300	HSA-126
301 to 466	HSA-127
467 to 500	HSB-108
501 to 600	HSB-109
601 to 733	HSB-110
734 to 866	HSB-111
867 to 1000	HSB-112
1001 to 1066	HSB-109-113
1067 to 1106	HSB-110-113
1107 to 1240	HSB-111-113
1241 to 1466	HSB-112-113

Point load (lbs)	Isolator Model Neospring
1 to 40	HNSA-A3-121
41 to 66	HNSA-A4-122
67 to 110	HNSA-B1-123
111 to 173	HNSA-B2-124
174 to 246	HNSA-B3-125
247 to 300	HNSA-B3-126
301 to 466	HNSA-B4-127
467 to 500	HNSB-C3-108
501 to 600	HNSB-C4-109
601 to 733	HNSB-C4-110
734 to 866	HNSB-C4-111
867 to 1000	HNSB-C4-112
1001 to 1066	HNSB-D2-109-113
1067 to 1106	HNSB-D2-110-113
1107 to 1240	HNSB-D2-111-113
1241 to 1466	HNSB-D2-112-113

2" deflection

Point load (lbs)	Isolator Model	
	Spring	Neospring
1 to 66	HSB-140	HNSB-A3-140
67 to 133	HSB-141	HNSB-B1-141
134 to 250	HSB-142	HNSB-B3-142
251 to 333	HSB-143	HNSB-B3-143
334 to 476	HSB-144	HNSB-B4-144
477 to 518	HSB-141-146B	HNSB-B4-141-146B
519 to 650	HSB-142-146B	HNSB-C3-142-146B
651 to 953	HSB-147	HNSB-C4-147
954 to 1261	HSB-148A	HNSB-D2-148A
1262 to 1353	HSB-147-146B	HNSB-D2-147-146B
1354 to 1661	HSB-148A-146B	HNSB-D2-148A-146B

0.75" deflection

Point load (lbs)	Isolator Model Spring
1 to 20	HSS-021
21 to 44	HSS-022
45 to 70	HSS-023
71 to 100	HSS-024

NOTES :

- Above tables offer the most economic isolator selection consistent with '50% additional travel to solid' specifications. These tables should only be used when there is uncertainty over calculated point loads. Otherwise use VIMCO™ standard selection charts (S-1100.10).
- Selection tables above incorporate the use of height adjustment shims. If the use of shims is not acceptable to engineer, use individual product submittal sheets to re-select lower load isolators in higher series.

Example :

1" deflection housed spring mounts for equipment with 4 support points (300lb, 1000lb, 1200lb, 1400lb)

	Point 1	Point 2	Point 3	Point 4
Load	300 lb	1000 lb	1200 lb	1400 lb
Normal selection	ZB-126	AB-1-112	AB-1-111-113	AB-1-112-113
Revised selection (no shims)	AB-1-106	AB-1-112	AB-1-111-113	AB-1-112-113