

## 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 50	ZB-121
51 to 80	ZB-122
81 to 130	ZB-123
131 to 210	ZB-124
211 to 300	ZB-125
301 to 370	ZB-126
371 to 700	ZB-127
701 to 750	AB-1-109
751 to 910	AB-1-110
911 to 1080	AB-1-111
1081 to 1250	AB-1-112
1251 to 1330	AB-1-109-113
1331 to 1380	AB-1-110-113
1381 to 1550	AB-1-111-113
1551 to 1832	AB-1-112-113
1833 to 2160	AB-2-111
2161 to 2500	AB-2-112
2501 to 2660	AB-2-109-113
2661 to 2760	AB-2-110-113
2761 to 3100	AB-2-111-113
3101 to 3665	AB-2-112-113
3666 to 4330	AB-4-111
4331 to 5000	AB-4-112
5001 to 5330	AB-4-109-113
5331 to 5530	AB-4-110-113
5531 to 6200	AB-4-111-113
6201 to 7330	AB-4-112-113

#### 2" deflection

Point load (lbs)	Isolator Model
1 to 80	AB-1-140
81 to 160	AB-1-141
161 to 310	AB-1-142
311 to 410	AB-1-143
411 to 595	AB-1-144
596 to 647	AB-1-141-146B
648 to 1190	AB-1-147
1191 to 1576	AB-1-148A
1577 to 1690	AB-1-147-146B
1691 to 2076	AB-1-148A-146B
2077 to 2380	AB-2-147
2381 to 3152	AB-2-148A
3153 to 3380	AB-2-147-146B
3381 to 4152	AB-2-148A-146B
4153 to 4760	AB-4-147
4761 to 6305	AB-4-148A
6306 to 6760	AB-4-147-146B
6761 to 8305	AB-4-148A-146B

### Open Spring Mounts (OSM / RSM)

(Welded steel construction)

#### 1" deflection

Point load (lbs)	Isolator Model
1 to 100	OSM-1-150
101 to 180	OSM-1-151
181 to 270	OSM-1-152
271 to 370	OSM-1-153
371 to 500	OSM-1-154
501 to 600	OSM-1-155
601 to 750	OSM-1-156
751 to 910	OSM-1-157
911 to 1500	OSM-1-158
1501 to 2082	OSM-1-159
2083 to 2603	OSM-1-159-161
2604 to 3000	OSM-2-158
3001 to 4165	OSM-2-159
4166 to 5207	OSM-2-159-161
5208 to 6000	OSM-4-158
6001 to 8330	OSM-4-159
8331 to 10415	OSM-4-159-161

#### 2" deflection

Point load (lbs)	Isolator Model
1 to 80	OSM-1-140
81 to 160	OSM-1-141
161 to 310	OSM-1-142
311 to 410	OSM-1-143
411 to 595	OSM-1-144
596 to 647	OSM-1-141-146B
648 to 1190	OSM-1-147
1191 to 1576	OSM-1-148A
1577 to 1690	OSM-1-147-146B
1691 to 2076	OSM-1-148A-146B
2077 to 2380	OSM-2-147
2381 to 3152	OSM-2-148A
3153 to 3380	OSM-2-147-146B
3381 to 4152	OSM-2-148A-146B
4153 to 4760	OSM-4-147
4761 to 6305	OSM-4-148A
6306 to 6760	OSM-4-147-146B
6761 to 8305	OSM-4-148A-146B

Notes / Remarks :

**VIBRATION MANAGEMENT CORPORATION**

5930 THOMAS ROAD,  
HOUSTON - TEXAS 77041 , USA

Internet address:  
[www.vimco.biz](http://www.vimco.biz)

Project :  
Client :  
Consultant :  
Representative :

Title : **Standard Isolator  
Selection Tables**

Drawing no.  
**S-1100.10**  
(2 pages)  
Rev. 5

**Open Spring Mounts**  
(Rubber cup construction)

1" deflection

Point load (lbs)	Isolator Model
1 to 50	BA-121
51 to 80	BA-122
81 to 130	BA-123
131 to 210	BA-124
211 to 300	BA-125
301 to 370	BA-126
371 to 700	BA-127
701 to 750	BB-156
751 to 910	BB-157
911 to 1500	BB-158
1501 to 2082	BB-159
2083 to 2603	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 572	HND-B-4
573 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 23	HSF-041
24 to 40	HSF-042
41 to 65	HSF-043
66 to 90	HSF-044
91 to 185	HSF-045
186 to 210	HSA-124
211 to 300	HSA-125
301 to 370	HSA-126
371 to 700	HSA-127
701 to 750	HSB-109
751 to 910	HSB-110
911 to 1080	HSB-111
1081 to 1250	HSB-112
1251 to 1330	HSB-109-113
1331 to 1380	HSB-110-113
1381 to 1550	HSB-111-113
1551 to 1832	HSB-112-113

Point load (lbs)	Isolator Model Neospring
1 to 50	HNSA-A3-121
51 to 80	HNSA-A4-122
81 to 130	HNSA-B1-123
131 to 210	HNSA-B2-124
211 to 300	HNSA-B3-125
301 to 370	HNSA-B3-126
371 to 582	HNSA-B4-127
583 to 620	HNSB-C3-108
621 to 750	HNSB-C4-109
751 to 910	HNSB-C4-110
911 to 1080	HNSB-C4-111
1081 to 1250	HNSB-C4-112
1251 to 1330	HNSB-D2-109-113
1331 to 1380	HNSB-D2-110-113
1381 to 1550	HNSB-D2-111-113
1551 to 1832	HNSB-D2-112-113

2" deflection

Point load (lbs)	Isolator Model	
	Spring	Neospring
1 to 80	HSB-140	HNSB-A4-140
81 to 160	HSB-141	HNSB-B1-141
161 to 310	HSB-142	HNSB-B3-142
311 to 410	HSB-143	HNSB-B4-143
411 to 595	HSB-144	HNSB-C3-144
596 to 647	HSB-141-146B	HNSB-C3-141-146B
648 to 1190	HSB-147	HNSB-C4-147
1191 to 1576	HSB-148A	HNSB-D2-148A
1577 to 1690	HSB-147-146B	HNSB-D2-147-146B
1691 to 2076	HSB-148A-146B	HNSB-D2-148A-146B

0.75" deflection

Point load (lbs)	Isolator Model Spring
1 to 25	HSS-021
26 to 55	HSS-022
56 to 85	HSS-023
86 to 125	HSS-024

**NOTES :**

- Above tables offer the most economic isolator selection consistent with VIMCO™ suggested specifications. Please contact factory for other selection options.
- 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	<b>ZB-125</b>	AB-1-111	AB-1-112	AB-1-111-113
Revised selection (no shims)	<b>AB-1-106</b>	AB-1-111	AB-1-112	AB-1-111-113