



MASON INDUSTRIES, Inc.

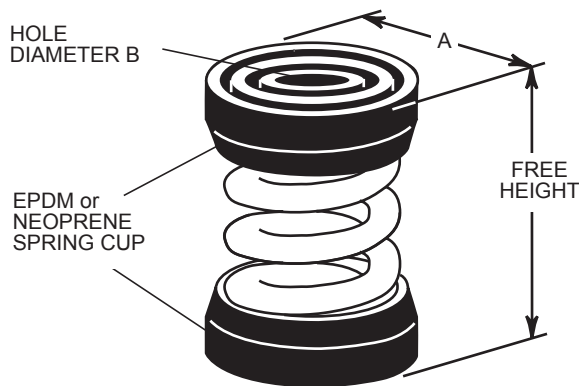
Manufacturers of Vibration Control Products

350 Rabro Drive 2101 W. Crescent Ave., Suite D
 Hauppauge, NY 11788 Anaheim, CA 92801
 631/348-0282 714/535-2727
 FAX 631/348-0279 FAX 714/535-5738
 Info@Mason-Ind.com Info@MasonAnaheim.com
 www.Mason-Ind.com

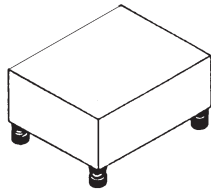
JOB NAME _____
 CUSTOMER _____
 CUSTOMER P.O. _____
 MASON M.I. _____
 DWG. NO. _____

IMF

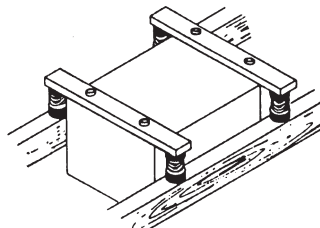
1" Deflection
 Non-Adjustable
 Spring Mounts



TYPICAL IMF EQUIPMENT
 INSTALLATION ARRANGEMENTS



FLOOR MOUNTED UNIT



FLOOR MOUNTED UNIT

TYPE IMF RATINGS

Size	Rated Capacity (lbs)	Rated Defl (in)	Spring Constant (lbs/in)	Spring Color/Stripe
IMF-X-23	23	1.30	18	Brown
IMF-X-23	23	1.30	18	Brown
IMF-X-33	33	1.10	30	Red
IMF-X-54	54	1.20	45	White
IMF-X-76	76	1.02	73	Black
IMF-X-113	113	1.00	113	Yellow
IMF-X-130	130	1.00	130	Purple
IMF-X-175	175	1.00	175	Silver
IMF-X-210	210	1.00	210	Blue
IMF-A-12	12	0.75	12	Red
IMF-A-18	18	0.83	18	Gray
IMF-A-25	25	0.80	25	Orange
IMF-A-45	45	1.60	28	Blue
IMF-A-75	75	1.50	50	Orange
IMF-A-125	125	1.33	94	Brown
IMF-A-200	200	1.15	174	Black
IMF-A-310	310	1.00	310	Yellow
IMF-A-400	400	1.00	400	Green
IMF-A-510	510	1.00	510	Red
IMF-A-625	625	1.00	625	White
IMF-B-65	65	2.10	31	Brown
IMF-B-85	85	2.10	40	White/Black
IMF-B-115	115	2.00	57	Silver
IMF-B-150	150	2.00	75	Orange
IMF-B-280	280	1.60	174	Green
IMF-B-450	450	1.31	344	Red
IMF-B-750	750	1.12	670	White
IMF-B-1000	1000	1.00	1000	Blue
IMF-C-1000	1000	1.00	1000	Black
IMF-C-1350	1350	1.00	1350	Yellow
IMF-C-1750	1750	1.00	1750	Black
IMF-C-2100	2100	1.00	2100	Yellow*
IMF-C-2385	2385	1.00	2385	Yellow**
IMF-C-2650	2650	1.00	2650	Red*
IMF-C-2935	2935	1.00	2935	Red**

*with RED core spring **with GREEN core spring

All springs have additional travel to solid equal to 50% of Rated Deflection.

Solid Spring Height = Free Height minus 1.5 times Rated Deflection.

TYPE IMF DIMENSIONS (inches)

Size	Free Height	A (Dia.)	B (Dia.)
X-23-113	23/4	2	7/16
X-130-210	213/16	2	7/16
A-12-25	21/4	21/8	7/16
A-41-95	23/8	21/8	7/16
A-510	31/2	21/8	7/16
A-625	33/4	21/8	7/16
B	5	23/4	7/8
C	5	31/4	7/8

SPRING DATA

Spring OD	Free HT.	Ratio Kx/Ky	Ratio OD/OH
11/2	23/8	0.90-1.00	1.09-1.40
11/2	27/16	0.75-0.86	0.96-1.14
13/4	17/8	1.40-1.45	1.55-1.67
13/4	3	0.70-0.90	0.88-1.25
13/4	31/8	0.60	0.82
13/4	33/8	0.50	0.74
23/8	4	0.70-0.90	0.80-1.25
27/8	41/8	0.90-1.00	0.92-0.94

PLAN VIEW OF MOUNT LOCATION

TAG : _____
 UNIT : _____



SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Sets Required:	



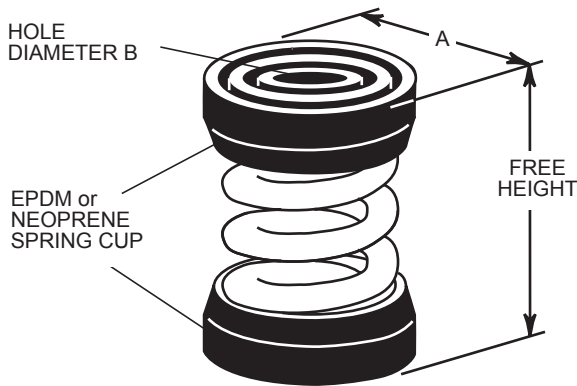
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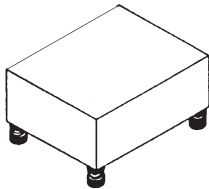
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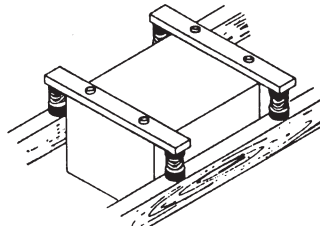
25mm Deflection
 Non-Adjustable
 Spring Mounts



TYPICAL IMF EQUIPMENT
 INSTALLATION ARRANGEMENTS



FLOOR MOUNTED UNIT



FLOOR MOUNTED UNIT

TYPE IMF RATINGS

Size	Rated Capacity (Kg)	Rated Defl (mm)	Spring Constant (Kg/mm)	Spring Color/Stripe
IMF-X-12	6	33	0.2	Brown
IMF-X-23	11	33	0.3	Brown
IMF-X-33	15	28	0.5	Red
IMF-X-54	25	31	0.8	White
IMF-X-76	35	25	1.4	Black
IMF-X-113	51	25	2.0	Yellow
IMF-X-130	59	25	2.4	Purple
IMF-X-175	80	25	3.2	Silver
IMF-X-210	96	25	3.8	Blue
IMF-A-12	6	19	0.3	Red
IMF-A-18	8	20	0.4	Gray
IMF-A-25	11	20	0.5	Orange
IMF-A-45	20	41	0.5	Blue
IMF-A-75	34	38	0.9	Orange
IMF-A-125	57	34	1.7	Brown
IMF-A-200	91	29	3.1	Black
IMF-A-310	141	25	5.5	Yellow
IMF-A-400	181	25	7.1	Green
IMF-A-510	231	25	9.1	Red
IMF-A-625	283	25	11.2	White
IMF-B-65	29	53	0.6	Brown
IMF-B-85	39	53	0.7	White/Black
IMF-B-115	52	51	1.0	Silver
IMF-B-150	68	51	1.3	Orange
IMF-B-280	127	41	3.1	Green
IMF-B-450	204	33	6.1	Red
IMF-B-750	340	28	12.0	White
IMF-B-1000	454	25	17.9	Blue
IMF-C-1000	454	25	17.9	Black
IMF-C-1350	612	25	24.1	Yellow
IMF-C-1750	794	25	31.3	Black
IMF-C-2100	953	25	37.5	Yellow*
IMF-C-2385	1082	25	42.6	Yellow**
IMF-C-2650	1202	25	47.3	Red*
IMF-C-2935	1331	25	52.4	Red**

*with RED core spring **with GREEN core spring

All springs have additional travel to solid equal to 50% of Rated Deflection.

Solid Spring Height = Free Height minus 1.5 times Rated Deflection.

TYPE IMF DIMENSIONS (mm)

Size	Free Height	A (Dia.)	B (Dia.)	SPRING DATA			
				Spring OD	Free HT.	Ratio Kx/Ky	Ratio OD/OH
X-23 - 113	70	51	11	38	60	0.90-1.00	1.09-1.40
X-130 - 210	72	51	11	38	62	0.75-0.86	0.96-1.14
A-12 - 25	57	57	11	45	48	1.40-1.45	1.55-1.67
A-41 - 95	60	57	11	45	75	0.70-0.90	0.88-1.25
A-510	89	57	11	45	79	0.60	0.82
A-625	96	57	11	45	85	0.50	0.74
B	125	70	22	60	100	0.70-0.90	0.80-1.25
C	125	83	22	73	106	0.90-1.00	0.92-0.94

PLAN VIEW OF MOUNT LOCATION

TAG : _____
 UNIT : _____



SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Sets Required:	



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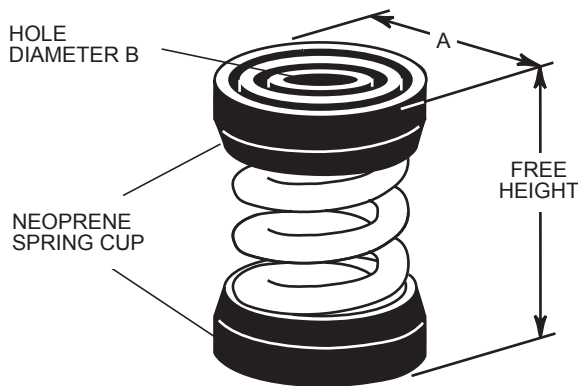
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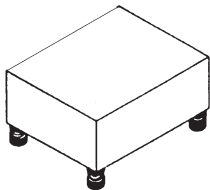
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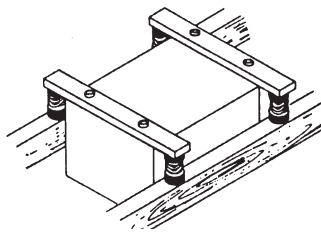
2" Deflection
 B, B2 & C2 Series
 Non-Adjustable
 Spring Mounts



TYPICAL IMF EQUIPMENT INSTALLATION ARRANGEMENTS



FLOOR MOUNTED UNIT



FLOOR MOUNTED UNIT

TYPE IMF DIMENSIONS (inches)

Size	Free Height	A (Dia.)	B (Dia.)
IMF-B	5	23/4	7/8
IMF-B2	5 1/2	23/4	7/8
IMF-C2	6	3 1/4	7/8

TYPE IMF RATINGS

Size	Rated Capacity (lbs)	Rated Defl (in)	Spring Constant (lbs/in)	Spring Color/Stripe
IMF-B-20	20	2.40	8	Tan
IMF-B-26	26	2.18	12	White/Blue
IMF-B-35	35	2.20	16	Purple
IMF-B-50	50	2.20	24	White/Red
IMF-B-65	65	2.10	31	Brown
IMF-B-85	85	2.10	40	White/Black
IMF-B-115	115	2.00	57	Silver
IMF-B-150	150	2.00	75	Orange
IMF-B2-210	210	2.12	99	Silver
IMF-B2-290	290	2.00	144	Blue
IMF-B2-450 [†]	450	2.00	224	Tan
IMF-B2-680 [†]	680	2.00	340	Gray
IMF-C2-125	125	2.50	50	Purple
IMF-C2-170	170	2.40	70	Brown
IMF-C2-210	210	2.30	90	Red
IMF-C2-260	260	2.20	120	White
IMF-C2-330	330	2.00	165	Black
IMF-C2-460	460	2.00	230	Blue
IMF-C2-610	610	2.00	305	Green
IMF-C2-880 [†]	880	2.00	440	Gray
IMF-C2-1210 [†]	1210	2.00	605	Silver
IMF-C2-1540 [†]	1540	2.00	770	Gray*
IMF-C2-1870 [†]	1870	2.00	935	Silver*

*with Red inner spring

[†]Published ratings allow minimum 25% additional travel to solid. For a full 50% specified minimum use the following ratings:

Size	Derated Capacity (lbs)	Defl (in)	Size	Derated Capacity (lbs)	Defl (in)
B2-450	410	1.83	C2-1210	1010	1.67
B2-680	565	1.66	C2-1540	1285	1.67
C2-880	800	1.82	C2-1870	1560	1.67

All springs have additional travel to solid equal to 50% of Rated Deflection.

Solid Spring Height = Free Height minus 1.5 times Rated Deflection.

PLAN VIEW OF MOUNT LOCATIONS

TAG : _____
 UNIT : _____



SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :

Sets Required:



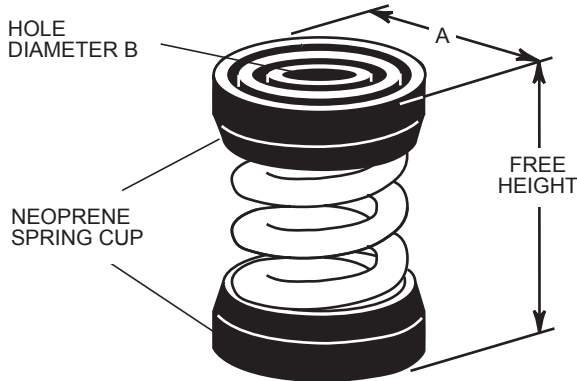
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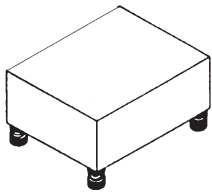
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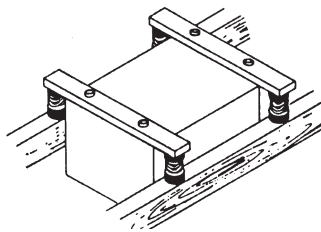
50mm Deflection
 B, B2 & C2 Series
 Non-Adjustable
 Spring Mounts



TYPICAL IMF EQUIPMENT INSTALLATION ARRANGEMENTS



FLOOR MOUNTED UNIT



FLOOR MOUNTED UNIT

TYPE IMF DIMENSIONS (mm)

Size	Free Height	A (Dia.)	B (Dia.)
IMF-B	125	70	22
IMF-B2	140	70	22
IMF-C2	150	83	22

TYPE IMF RATINGS

Size	Rated Capacity (Kg)	Rated Defl (mm)	Spring Constant (Kg/mm)	Spring Color/Stripe
IMF-B-20	9	61	0.2	Tan
IMF-B-26	12	55	0.2	White/Blue
IMF-B-35	16	56	0.3	Purple
IMF-B-50	23	56	0.4	White/Red
IMF-B-65	29	53	0.5	Brown
IMF-B-85	39	53	0.7	White/Black
IMF-B-115	52	50	1.0	Silver
IMF-B-150	68	50	1.4	Orange
IMF-B2-210	95	53	1.8	Silver
IMF-B2-290	131	50	2.6	Blue
IMF-B2-450 ^a	204	50	4.0	Tan
IMF-B2-680 ^a	308	50	6.0	Gray
IMF-C2-125	57	64	0.9	Purple
IMF-C2-170	77	61	1.3	Brown
IMF-C2-210	95	58	1.6	Red
IMF-C2-260	118	56	2.1	White
IMF-C2-330	149	50	2.9	Black
IMF-C2-460	208	50	4.1	Blue
IMF-C2-610	276	50	5.5	Green
IMF-C2-880 ^a	399	50	8.0	Gray
IMF-C2-1210 ^a	548	50	11.0	Silver
IMF-C2-1540 ^a	698	50	14.0	Gray*
IMF-C2-1870 ^a	847	50	17.0	Silver*

*with Red inner spring

^aPublished ratings allow minimum 25% additional travel to solid. For a full 50% specified minimum use the following ratings:

Size	Derated Capacity (Kg)	Defl (mm)	Size	Derated Capacity (Kg)	Defl (mm)
B2-450	186	47	C2-1210	459	42
B2-680	257	42	C2-1540	584	42
C2-880	364	46	C2-1870	709	42

All springs have additional travel to solid equal to 50% of Rated Deflection.

Solid Spring Height = Free Height minus 1.5 times Rated Deflection.

PLAN VIEW OF MOUNT LOCATIONS

TAG : _____
 UNIT : _____



SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :

Sets Required: