



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

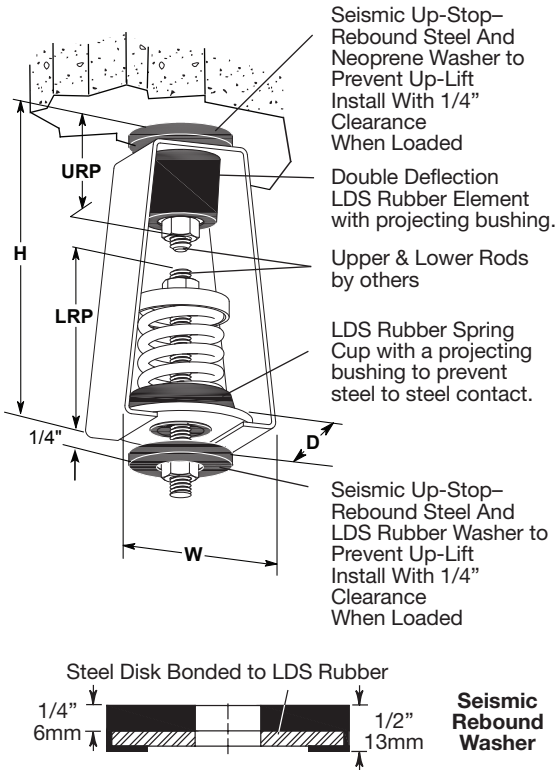
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www.Mason-Ind.com

JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

RWDNHS

1" 25mm Deflection
B, 1, 2 & 4
Spring Series
Rebound Washers



TYPE RWDNHS RATINGS

Size	Rated Capacity (lbs) (kg)		Rated Deflection† (in) (mm)		Spring Constant†† (lbs/in) (kg/mm)		Avg LDS Deflection (in) (mm)	Spring Color/ Stripe
RWDNHS-B-65	65	29	2.45	62	31	0.55	0.35 9	Brown
RWDNHS-B-85	85	39	2.45	62	40	0.74		White/Blk
RWDNHS-B-115	115	52	2.35	60	57	1.02		Silver
RWDNHS-B-150	150	68	2.35	60	75	1.33		Orange
RWDNHS-B-280	280	127	1.95	50	174	3.10		Green
RWDNHS-B-450	450	204	1.66	42	344	6.18		Red
RWDNHS-B-750	750	340	1.47	37	670	12.14	0.40 10	White
RWDNHS-B-1000	1000	454	1.35	34	1000	18.16		Blue
RWDNHS-C-1000	1000	454	1.40	36	1000	17.46		Black
RWDNHS-C-1350	1350	612	1.40	36	1350	23.54		Yellow
RWDNHS-C-1750	1750	794	1.40	36	1750	30.54		Black*
RWDNHS-C-2100	2100	953	1.40	36	2100	36.65		Yellow*
RWDNHS-C-2385	2385	1082	1.40	36	2385	41.62	0.40 10	Yellow**
RWDNHS-C-2650	2650	1202	1.40	36	2650	46.23		Red*
RWDNHS-C-2935	2935	1331	1.40	36	2935	51.19	0.40 10	Red**
RWDNHS-2-2700	2700	1225	1.40	36	2700	47.12		Yellow
RWDNHS-2-3500	3500	1588	1.40	36	3500	61.08	0.40 10	Black*
RWDNHS-2-4200	4200	1905	1.40	36	4200	73.27		Yellow*
RWDNHS-4-5400	5400	2449	1.40	36	5400	94.19	0.40 10	Yellow
RWDNHS-4-7000	7000	3175	1.40	36	7000	122.1		Black*
RWDNHS-4-8400	8400	3810	1.40	36	8400	146.5		Yellow*
RWDNHS-4-9540	9540	4327	1.40	36	9540	166.4		Yellow**
RWDNHS-4-10600	10600	4808	1.40	36	10600	184.9		Red*
RWDNHS-4-11740	11740	5325	1.40	36	11740	204.8		Red**

† includes double deflection LDS rubber element

†† applies to spring only.

* with Red inner Spring. ** with Green inner Spring.

LDS stands for Low Dynamic Stiffness Bridge Bearing.
Natural Rubber to minimize noise and vibration transmission.

TYPE RWDNHS DIMENSIONS

RWDNHS Size Range	D (in) (mm)		H (in) (mm)		W (in) (mm)		LRP (in) (mm)		URP (in) (mm)		MRD (in) (mm)	
B-65-1000	4	102	9	229	43/4	121	41/4	108	3	76	3/4	19
C-1000-2935	4	102	101/4	260	51/4	133	5	127	31/4	83	7/8	22
2-2700-4200	9	229	12	305	51/4	133	7	178	33/4	95	1	25
4-54020-11740	7	178	15	381	87/8	225	7	178	6	152	11/4	32

LRP - Lower Rod Penetration
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter

All springs have additional travel to solid equal to 50% of the Rated Deflection.
Hanger elements have straight line deflection curves.

PLAN VIEW OF HANGER LOCATIONS

TAG: _____
UNIT: _____



SPECIFIED DEFLECTION

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



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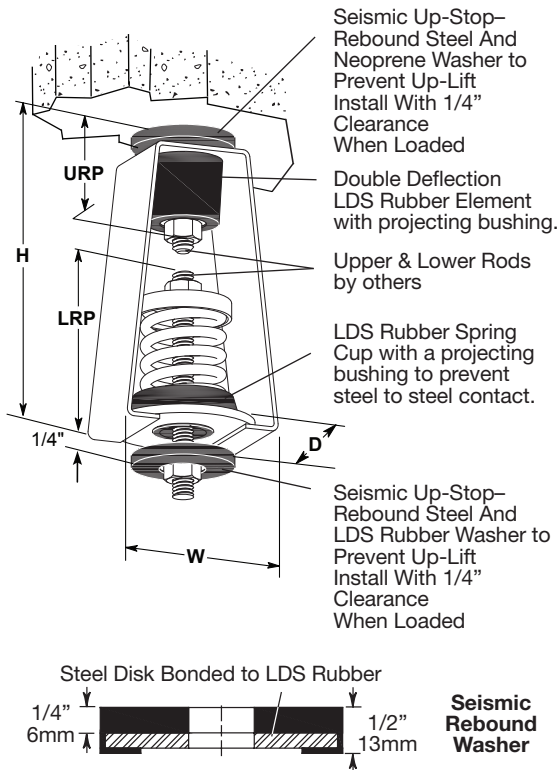
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CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

RWDNHS

1" 25mm Deflection
X & A Spring
Series Rebound
Washers



LDS stands for **L**ow **D**ynamic **S**tiffness **B**ridge **B**earing
Natural Rubber to minimize noise and vibration transmission.

TYPE RWDNHS DIMENSIONS

Size Range	D		H		W		LRP		URP		MRD	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
RWDNHS-X-23-210	21/2	64	51/2	140	27/8	73	31/4	83	13/4	44	3/8	10
RWDNHS-A-12-25	23/4	70	63/4	171	31/4	83	31/2	89	21/4	57	5/8	16
RWDNHS-A-41-95	23/4	70	63/4	171	31/4	83	4	102	21/4	57	5/8	16
RWDNHS-A-45-125	23/4	70	63/4	171	31/4	83	4	102	21/4	57	5/8	16
RWDNHS-A-200-625	23/4	70	63/4	171	31/4	83	4	102	21/4	57	5/8	16

TYPE RWDNHS RATINGS

Type and Size	Rated Capacity		Rated Deflection [†]		Spring Constant ^{††}		Avg LDS Deflection		Spring Color
	(lbs)	(kg)	(in)	(mm)	(lbs/in)	(kg/mm)	(in)	(mm)	
RWDNHS-X-22	12	5	1.25	32	10	0.1	0.20	5	Orange
RWDNHS-X-23	23	10	1.50	38	18	0.3			Brown
RWDNHS-X-33	33	15	1.30	28	30	0.5			Red
RWDNHS-X-54	54	24	1.40	31	45	0.8			White
RWDNHS-X-76	76	34	1.22	26	73	1.3			Black
RWDNHS-X-113	113	51	1.20	25	113	2.0			Yellow
RWDNHS-X-130	130	59	1.20	25	130	2.3			Purple
RWDNHS-X-175	175	79	1.20	25	175	3.1	0.35	9	Silver
RWDNHS-X-210	210	95	1.20	25	210	3.8			Blue
RWDNHS-A-12	12	5	1.00	25	12	0.2			Red
RWDNHS-A-18	18	8	1.00	25	18	0.3			Gray
RWDNHS-A-25	25	11	1.00	25	25	0.4			Orange
RWDNHS-A-41	41	19	1.18	30	35	0.6			Pink
RWDNHS-A-56	56	25	1.14	29	49	0.9			Black
RWDNHS-A-73	73	33	1.06	27	69	1.2	0.35	9	Tan
RWDNHS-A-95	95	43	1.01	26	94	1.7			Green
RWDNHS-A-45	45	20	1.95	50	28	0.5			Blue
RWDNHS-A-75	75	34	1.85	47	50	0.9			Orange
RWDNHS-A-125	125	57	1.68	43	94	1.7			Brown
RWDNHS-A-200	200	91	1.50	38	174	3.1			Black
RWDNHS-A-310	310	141	1.35	34	310	5.5			Yellow
RWDNHS-A-400	400	182	1.35	34	400	7.2	0.35	9	Green
RWDNHS-A-510	510	232	1.35	34	510	9.1			Red
RWDNHS-A-625	625	284	1.35	34	625	11.2			White

[†] includes double deflection LDS rubber element

^{††} applies to spring only.

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URP - Upper Rod Penetration
MRD - Maximum Rod Diameter

All springs have additional travel to solid equal to 50% of the Rated Deflection.
Hanger elements have straight line deflection curves.

PLAN VIEW OF HANGER LOCATIONS

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SPECIFIED DEFLECTION

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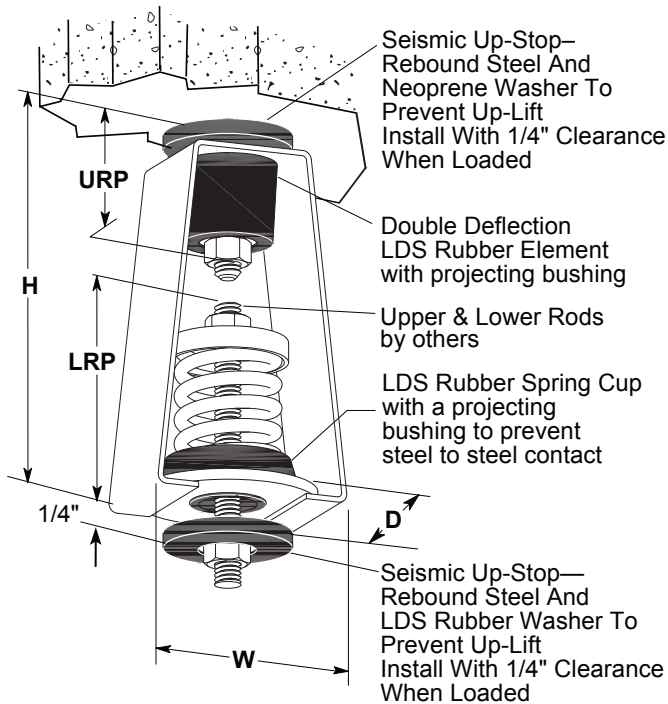
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M.I. _____
DWG. NO. _____

RWDNHS

2" Deflection
B, B2, C2, 2-C2 & 4-C2
Rebound Washers



LDS stands for Low Dynamic Stiffness Bridge Bearing
Natural Rubber to minimize noise and vibration transmission.

Hanger elements have straight line deflection curves.

LRP - Lower Rod Penetration
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter

TYPE RWDNHS DIMENSIONS (inches)

Size Range	D	H	W	LRP	URP	MRD
RWDNHS-B-20-150	4	9	4 3/4	5 1/8	3	3/4
RWDNHS-B2-210-680	4	9	4 3/4	5 1/8	3	3/4
RWDNHS-C2-125-1870	4	10 1/4	5 1/4	5 1/4	3 1/4	7/8
RWDNHS-2-C2-2420-3740	8	12	5 1/4	6	5	1
RWDNHS-4-C2-3520-7480	7	15	8 7/8	8	6	1 1/4

TYPE RWDNHS RATINGS

Size	Rated Capacity (lbs)	Rated Defl. [†] (in)	Spring Constant ^{††} (lbs/in)	Avg. Defl. LDS Rubber (in)	Spring Color/Stripe
RWDNHS-B-20	20	2.75	8	0.35	Tan
RWDNHS-B-26	26	2.53	12		White/Blue
RWDNHS-B-35	35	2.55	16		Purple
RWDNHS-B-50	50	2.55	24		White/Red
RWDNHS-B-65	65	2.45	31		Brown
RWDNHS-B-85	85	2.45	40		White/Blk
RWDNHS-B-115	115	2.35	57	0.35	Silver
RWDNHS-B-150	150	2.35	75		Orange
RWDNHS-B2-210	210	2.47	99		Silver
RWDNHS-B2-290	290	2.35	144		Blue
RWDNHS-B2-450 [†]	450	2.35	224	0.40	Tan
RWDNHS-B2-680 [†]	680	2.35	340		Gray
RWDNHS-C2-125	125	2.90	50		Purple
RWDNHS-C2-170	170	2.80	70		Brown
RWDNHS-C2-210	210	2.70	90	0.40	Red
RWDNHS-C2-260	260	2.60	120		White
RWDNHS-C2-330	330	2.40	165		Black
RWDNHS-C2-460	460	2.40	230		Blue
RWDNHS-C2-610	610	2.40	305		Green
RWDNHS-C2-880 [†]	880	2.40	440		Gray
RWDNHS-C2-1210 [†]	1210	2.40	605	0.40	Silver
RWDNHS-C2-1540 [†]	1540	2.40	770		Gray*
RWDNHS-C2-1870 [†]	1870	2.40	935		Silver*
RWDNHS-2-C2-2420 [†]	2420	2.40	605		Silver
RWDNHS-2-C2-3080 [†]	3080	2.40	770	0.40	Gray*
RWDNHS-2-C2-3740 [†]	3740	2.40	935		Silver*
RWDNHS-4-C2-3520 [†]	3520	2.40	440	0.40	Gray
RWDNHS-4-C2-4840 [†]	4840	2.40	605		Silver
RWDNHS-4-C2-6160 [†]	6160	2.40	770		Gray*
RWDNHS-4-C2-7480 [†]	7480	2.40	935		Silver*

[†]includes double deflection LDS element

* with Red inner Spring

^{††}applies to spring only.

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

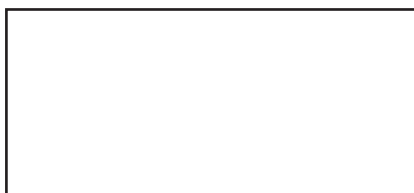
Size	Derated Capacity (lbs)	Defl. (in)
B2-450	410	1.83
B2-680	565	1.66
C2-880	800	1.82
C2-1210	1010	1.67
C2-1540	1285	1.67
C2-1870	1560	1.67

Size	Derated Capacity (lbs)	Defl. (in)
2-C2-2420	2020	1.67
2-C2-3080	2570	1.67
2-C2-3740	3120	1.67
4-C2-3520	3600	1.67
4-C2-4840	4040	1.67
4-C2-6160	5145	1.67
4-C2-7480	6245	1.67

PLAN VIEW OF HANGER LOCATIONS

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