

MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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www.Mason-Ind.com

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

WDNHS

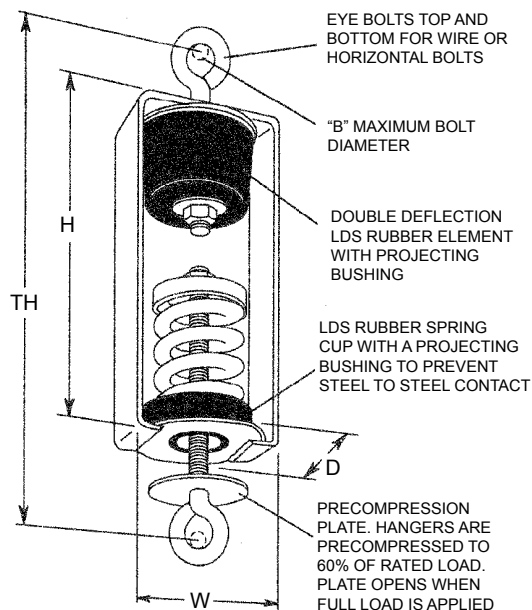
1"(25mm)

Deflection

X-A & B

Spring Series

Ceiling Hangers



TH - Total height between bolt centers as installed

TYPE WDNHS DIMENSIONS (mm)

Size Range	B	D	H	W	TH
WDNHS-X-23-210	10	64	140	73	184
WDNHS-A-12-25	10	70	171	83	235
WDNHS-A-41-95	10	70	171	83	235
WDNHS-A-45-625	10	70	171	83	235
WDNHS-B-65-750	13	100	229	121	279

TYPE WDNHS DIMENSIONS (inches)

Size Range	B	D	H	W	TH
WDNHS-X-23-210	3/8	2 1/2	5 1/2	2 7/8	7 1/4
WDNHS-A-12-25	3/8	2 3/4	6 3/4	3 1/4	9 1/4
WDNHS-A-41-95	3/8	2 3/4	6 3/4	3 1/4	9 1/4
WDNHS-A-45-625	3/8	2 3/4	6 3/4	3 1/4	9 1/4
WDNHS-B-65-750	1/2	4	9	4 3/4	11

TYPE WDNHS RATINGS

Size	Rated Capacity		Rated Defl. [†]		Spring Constant ^{††}		Avg. Defl. LDS Rubber (in)	Spring Color/ Stripe
	(lbs)	(kg)	(in)	(mm)	(lbs/in)	(kg/mm)	(mm)	
WDNHS-X-23	23	10	1.50	38	18	0.3	0.20 5	Brown
WDNHS-X-33	33	15	1.30	33	30	0.5		Red
WDNHS-X-54	54	25	1.40	36	45	0.8		White
WDNHS-X-76	76	35	1.22	31	73	1.3		Black
WDNHS-X-113	113	51	1.20	31	113	2.0		Yellow
WDNHS-X-130	130	59	1.20	31	130	2.3		Purple
WDNHS-X-175	175	79	1.20	31	175	3.1		Silver
WDNHS-X-210	210	95	1.20	31	210	3.8		Blue
WDNHS-A-12	12	5	1.35	34	12	0.2	0.35 9	Red
WDNHS-A-18	18	8	1.35	34	18	0.3		Gray
WDNHS-A-25	25	11	1.35	34	25	0.4		Orange
WDNHS-A-41	41	19	1.53	39	35	0.6		Pink
WDNHS-A-56	56	25	1.49	38	49	0.9		Black
WDNHS-A-73	73	33	1.41	36	69	1.2		Tan
WDNHS-A-95	95	43	1.36	35	94	1.7		Green
WDNHS-A-45	45	20	1.95	50	28	0.5	0.35 9	Blue
WDNHS-A-75	75	34	1.85	47	50	0.9		Orange
WDNHS-A-125	125	57	1.68	43	94	1.7		Brown
WDNHS-A-200	200	91	1.50	38	174	3.1		Black
WDNHS-A-310	310	141	1.35	34	310	5.5		Yellow
WDNHS-A-400	400	182	1.35	34	400	7.2		Green
WDNHS-A-510	510	232	1.35	34	510	9.1		Red
WDNHS-A-625	625	284	1.35	34	625	11.2		White
WDNHS-B-65	45	30	2.45	62	31	0.6	0.35 9	Brown
WDNHS-B-85	75	39	2.45	62	40	0.7		White/Black
WDNHS-B-115	125	52	2.35	60	57	1.0		Silver
WDNHS-B-150	200	68	2.35	60	75	1.3		Orange
WDNHS-B-280	310	127	1.95	50	174	3.1		Green
WDNHS-B-450	400	204	1.66	42	344	6.1		Red
WDNHS-B-750	510	341	1.47	37	670	12.0		White

[†] includes double deflection LDS rubber element

†† applies to spring only.

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

MASON LAYOUT DRAWING NO. _____

[illegible]

FORM S-614 09/2008

DWN:

CHKD:

DATE: _____

DWG. No.

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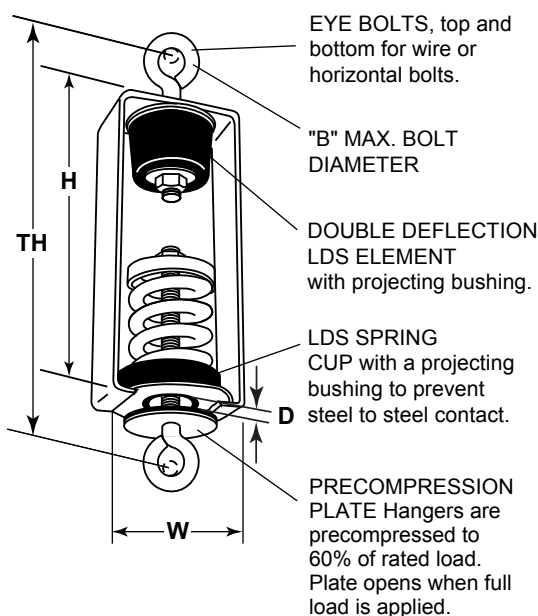
2" (50mm)

Deflection

B & B2

Spring Series

Ceiling Hangers



TYPE WDNHS RATINGS

Size	Rated Capacity		Rated Defl. [†]		Spring Constant ^{††}		Avg. Defl. LDS	Spring Color/ Stripe
	(lbs)	(kg)	(in)	(mm)	(lbs/in)	(kg/mm)	(in) (mm)	
WDNHS-B-20	20	9	2.75	70	8	0.15	0.35 9	Tan
WDNHS-B-26	26	12	2.53	64	12	0.22		White/Blue
WDNHS-B-35	35	16	2.55	65	16	0.29		Purple
WDNHS-B-50	50	23	2.55	65	24	0.41		White/Red
WDNHS-B-65	65	30	2.45	62	31	0.57		Brown
WDNHS-B-85	85	39	2.45	62	40	0.74		White/Blk
WDNHS-B-115	115	52	2.35	60	57	1.0		Silver
WDNHS-B-150	150	68	2.35	60	75	1.3	Orange	
WDNHS-B2-210	210	96	2.47	63	99	1.8	0.35 9	Silver
WDNHS-B2-290	290	132	2.35	60	144	2.6		Blue
WDNHS-B2-450 ‡	450	205	2.35	60	224	4.0		Tan
WDNHS-B2-680 ‡	680	309	2.35	60	340	6.1		Gray

[†] includes double deflection neoprene element

†† applies to spring only.

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

Size	Capacity		Deflection	
	(lbs)	(kg)	(in)	(mm)
B2-450	410	186	1.83	46.5
B2-680	565	257	1.66	42.2

Hanger Elements have straight line deflection curves.

TH - Total height between bolt centers as installed

TYPE WDNHS DIMENSIONS (inches)

Size Range	B	D	H	W	TH
WDNHS-B-20-150	1/2	4	9	4 3/4	11
WDNHS-B2-210-680	1/2	4	9	4 3/4	13 1/2

TYPE WDNHS DIMENSIONS (mm)

Size Range	B	D	H	W	TH
WDNHS-B-20-150	13	102	229	121	279
WDNHS-B2-210-680	13	102	229	121	343

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