



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

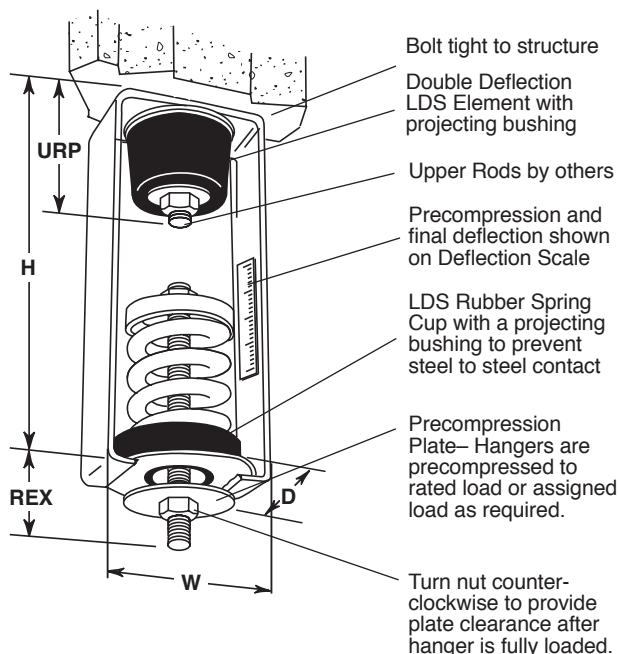
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

PCDNHS

1" 25mm Deflection
X & A Series
Precompressed
Spring Hangers



TYPE PCDNHS RATINGS

Type and Size	Rated Capacity (lbs) (kg)		Rated Deflection [†] (in) (mm)		Spring Constant ^{††} (lbs/in) (kg/mm)		Avg LDS Deflection (in) (mm)		Spring Color
PCDNHS-X-12	12	5	1.45	37	10	0.2	0.20	5	Orange
PCDNHS-X-23	23	10	1.50	38	18	0.3			Brown
PCDNHS-X-33	33	15	1.30	33	30	0.5			Red
PCDNHS-X-54	54	24	1.40	36	45	0.8			White
PCDNHS-X-76	76	34	1.22	31	73	1.3			Black
PCDNHS-X-113	113	51	1.20	30	113	2.0			Yellow
PCDNHS-X-130	130	59	1.20	30	130	2.3			Purple
PCDNHS-X-175	175	79	1.20	30	175	3.1	0.35	9	Silver
PCDNHS-X-210	210	95	1.20	30	210	3.8			Blue
PCDNHS-A-12	12	5	1.35	34	12	0.2			Red
PCDNHS-A-18	18	8	1.35	34	18	0.3			Gray
PCDNHS-A-25	25	11	1.35	34	25	0.4			Orange
PCDNHS-A-41	41	19	1.53	39	35	0.6			Pink
PCDNHS-A-56	56	25	1.49	38	49	0.9			Black
PCDNHS-A-73	73	33	1.41	36	69	1.2	0.35	9	Tan
PCDNHS-A-95	95	43	1.36	35	94	1.7			Green
PCDNHS-A-45	45	20	1.95	50	28	0.5			Blue
PCDNHS-A-75	75	34	1.85	47	50	0.9			Orange
PCDNHS-A-125	125	57	1.68	43	94	1.7			Brown
PCDNHS-A-200	200	91	1.50	38	174	3.1			Black
PCDNHS-A-310	310	141	1.35	34	310	5.5			Yellow
PCDNHS-A-400	400	182	1.35	34	400	7.2	0.35	9	Green
PCDNHS-A-510	510	232	1.35	34	510	9.1			Red
PCDNHS-A-625	625	284	1.35	34	625	11.2			White

[†]includes double deflection LDS element. ^{††}applies to spring only.

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

TYPE PCDNHS DIMENSIONS

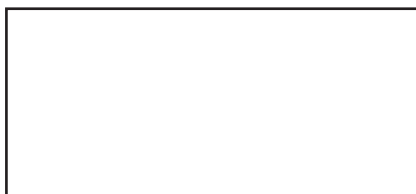
Size Range	D (in) (mm)		H (in) (mm)		W (in) (mm)		REX (in) (mm)		URP (in) (mm)		MRD (in) (mm)
PCDNHS-X-12-210	21/2	64	51/2	140	27/8	73	21/4	57	13/4	44	3/8 10
PCDNHS-A-12-25	23/4	70	63/4	171	31/4	83	21/4	57	21/4	57	5/8 16
PCDNHS-A-41-95	23/4	70	63/4	171	31/4	83	21/4	57	21/4	57	5/8 16
PCDNHS-A-45-125	23/4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

URP - Upper Rod Penetration
REX - Rod Extension
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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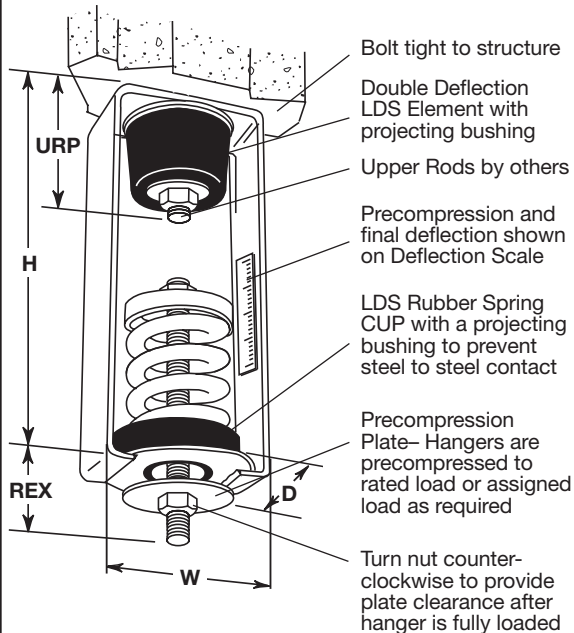
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

PCDNHS

1" 25mm Deflection
A, B, 1, 2, & 4 Series
Precompressed
Spring Hangers



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

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

TYPE PCDNHS RATINGS

Type and Size	Rated Capacity (lbs) (kg)		Rated Deflection† (in) (mm)		Spring Constant†† (lbs/in) (kg/mm)		Avg. LDS Deflection (in) (mm)	Spring Color
PCDNHS-A-45	45	20	1.95	50	28	0.5	0.35 9	Blue
PCDNHS-A-75	75	34	1.85	47	50	0.9		Orange
PCDNHS-A-125	125	57	1.68	43	94	1.7		Brown
PCDNHS-A-200	200	91	1.50	38	174	3.1		Black
PCDNHS-A-310	310	141	1.35	34	310	5.6		Yellow
PCDNHS-A-400	400	181	1.35	34	400	7.2		Green
PCDNHS-A-510	510	231	1.35	34	510	9.2	0.35 9	Red
PCDNHS-A-625	625	283	1.35	34	625	11.3		White
PCDNHS-B-65	65	29	2.45	62	31	0.6	0.35 9	Brown
PCDNHS-B-85	85	39	2.45	62	40	0.7		White/Blk
PCDNHS-B-115	115	52	2.35	60	57	1.0		Silver
PCDNHS-B-150	150	68	2.35	60	75	1.3		Orange
PCDNHS-B-280	280	127	1.95	50	174	3.1		Green
PCDNHS-B-450	450	204	1.66	42	344	6.2		Red
PCDNHS-B-750	750	340	1.47	37	670	12.1	0.40 10	White
PCDNHS-B-1000	1000	454	1.35	34	1000	18.2		Blue
PCDNHS-1-1000	1000	454	1.40	36	1000	18.2		Black
PCDNHS-1-1350	1350	612	1.40	36	1350	24.5		Yellow
PCDNHS-1-1750	1750	794	1.40	36	1750	31.8		Black*
PCDNHS-1-2100	2100	953	1.40	36	2100	38.1		Yellow*
PCDNHS-1-2385	2385	1082	1.40	36	2385	43.3	0.40 10	Yellow**
PCDNHS-1-2650	2650	1202	1.40	36	2650	48.1		Red*
PCDNHS-1-2935	2935	1331	1.40	36	2935	53.2		Red**
PCDNHS-2-2700	2700	1225	1.40	36	2700	49.0		Yellow
PCDNHS-2-3500	3500	1588	1.40	36	3500	63.5		Black*
PCDNHS-2-4200	4200	1905	1.40	36	4200	76.2		Yellow*
PCDNHS-4-5400	5400	2449	1.40	36	5400	98.0	0.40 10	Yellow
PCDNHS-4-7000	7000	3175	1.40	36	7000	127.0		Black*
PCDNHS-4-8400	8400	3810	1.40	36	8400	152.4		Yellow*
PCDNHS-4-9540	9540	4327	1.40	36	9540	173.1		Yellow**
PCDNHS-4-10600	10600	4808	1.40	36	10600	192.3		Red*
PCDNHS-4-11740	11740	5325	1.40	36	11740	213.0		Red**

†includes double deflection LDS element ††applies to spring only

*with Red inner spring **with Green inner spring

TYPE PCDNHS DIMENSIONS

Size Range	D – Depth (in) (mm)		H – Height (in) (mm)		W – Width (in) (mm)		REX (in) (mm)	URP (in) (mm)	MRD (in) (mm)	
PCDNHS-A-45-125	23/4	70	63/4	171	31/4	83	21/2	64	5/8	16
PCDNHS-A-200-625	23/4	70	63/4	171	31/4	83	21/2	64	5/8	16
PCDNHS-B-65-1000	4	102	9	229	43/4	121	21/4	57	3/4	19
PCDNHS-1-1000-2935	4	102	11	279	51/4	133	21/4	57	7/8	22
PCDNHS-2-2700-4200	9	229	12	305	51/4	133	41/4	108	1	25
PCDNHS-4-5400-11740	7	178	15	381	87/8	225	41/2	114	11/4	32

REX - Rod Extension

URP - Upper Rod Penetration

MRD - Maximum Rod Diameter

PLAN VIEW OF HANGER LOCATIONS

TAG: _____

UNIT: _____



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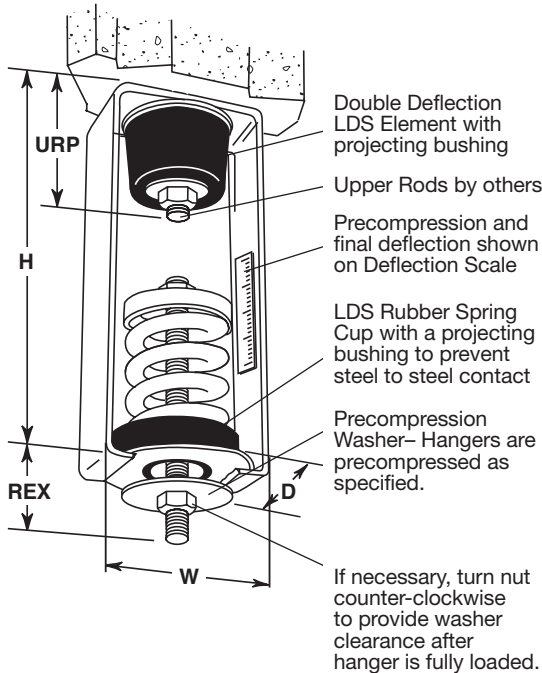
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

PCDNHS

2" 50mm Deflection
B, B2, C2, 2-C2
& 4-C2
Series Hangers



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

Hanger elements have straight line deflection curves.

REX - Rod Extension
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter

TYPE PCDNHS RATINGS

Type and Size	Rated Capacity (lbs) (kg)		Rated Defl. [†] (in) (mm)		Spring Constant ^{††} (lbs/in) (kg/mm)		Avg LDS Deflection (in) (mm)		Spring Color
PCDNHS-B-20	20	9	2.75	70	8	0.15	0.35	9	Tan
PCDNHS-B-26	26	12	2.53	64	12	0.22			White/Blue
PCDNHS-B-35	35	16	2.55	65	16	0.29			Purple
PCDNHS-B-50	50	23	2.55	65	24	0.41			White/Red
PCDNHS-B-65	65	30	2.45	62	31	0.57			Brown
PCDNHS-B-85	85	39	2.45	62	40	0.74			White/Blk
PCDNHS-B-115	115	52	2.35	60	57	1.0	0.35	9	Silver
PCDNHS-B-150	150	68	2.35	60	75	1.3			Orange
PCDNHS-B2-210	210	96	2.47	63	99	1.8			Silver
PCDNHS-B2-290	290	132	2.35	60	144	2.6			Blue
PCDNHS-B2-450 [‡]	450	205	2.35	60	224	4.0	0.40	10	Tan
PCDNHS-B2-680 [‡]	680	309	2.35	60	340	6.1			Gray
PCDNHS-C2-125	125	57	2.90	74	50	0.9			Purple
PCDNHS-C2-170	170	77	2.80	71	70	1.3			Brown
PCDNHS-C2-210	210	96	2.70	69	90	1.7			Red
PCDNHS-C2-260	260	118	2.60	66	120	2.1			White
PCDNHS-C2-330	330	150	2.40	61	165	2.9			Black
PCDNHS-C2-460	460	209	2.40	61	230	4.1			Blue
PCDNHS-C2-610	610	277	2.40	61	305	5.4			Green
PCDNHS-C2-880 [‡]	880	400	2.40	61	440	7.8			Gray
PCDNHS-C2-1210 [‡]	1210	550	2.40	61	605	10.8	0.40	10	Silver
PCDNHS-C2-1540 [‡]	1540	700	2.40	61	770	13.7			Gray*
PCDNHS-C2-1870 [‡]	1870	850	2.40	61	935	16.7			Silver*
PCDNHS-2-C2-2420 [‡]	2420	1100	2.40	61	605	21.6	0.40	10	Silver
PCDNHS-2-C2-3080 [‡]	3080	1400	2.40	61	770	27.5			Gray*
PCDNHS-2-C2-3740 [‡]	3740	1700	2.40	61	935	33.3			Silver*
PCDNHS-4-C2-3520 [‡]	3520	1600	2.40	61	440	31.4	0.40	10	Gray
PCDNHS-4-C2-4840 [‡]	4840	2200	2.40	61	605	43.1			Silver
PCDNHS-4-C2-6160 [‡]	6160	2800	2.40	61	770	55.0			Gray*
PCDNHS-4-C2-7480 [‡]	7480	3400	2.40	61	935	66.7			Silver*

[†]includes double deflection LDS element. ^{††}applies to spring only. *with Red inner spring
[‡]Published ratings allow minimum 25% additional travel to solid. For a full 50% specified minimum, use the ratings shown in the table below.

TYPE PCDNHS DIMENSIONS

PCDNHS Size Range	D (in) (mm)	H (in) (mm)	W (in) (mm)	REX (in) (mm)	URL (in) (mm)	MRD (in) (mm)
B-20-150	4 102	9 229	43/4 121	21/4 57	3 76	3/4 19
B2-210-680	4 102	9 229	43/4 121	21/4 57	3 76	3/4 19
C2-125-1870	4 102	101/4 260	51/4 133	21/4 57	31/4 83	7/8 22
2-C2-2420-3740	8 203	12 305	51/4 133	41/4 108	5 127	1 25
4-C2-3520-7480	7 178	15 381	87/8 225	41/2 114	6 152	11/4 32

Derated Capacity			Deflection		Derated Capacity			Deflection	
Size	(lbs)	(kg)	(in)	(mm)	Size	(lbs)	(kg)	(in)	(mm)
B2-450	410	186	1.83	46.5	2-C2-2420	2020	918	1.67	42.4
B2-680	565	257	1.66	42.2	2-C2-3080	2570	1168	1.67	42.4
C2-880	800	364	1.82	46.2	2-C2-3740	3120	1418	1.67	42.4
C2-1210	1010	459	1.67	42.4	4-C2-3520	3600	1636	1.67	42.4
C2-1540	1285	584	1.67	42.4	4-C2-4840	4040	1836	1.67	42.4
C2-1870	1560	709	1.67	42.4	4-C2-6160	5145	2339	1.67	42.4
					4-C2-7480	6245	2839	1.67	42.4

PLAN VIEW OF HANGER LOCATIONS

TAG: _____
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