MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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JOB NAME _____

CUSTOMER _____

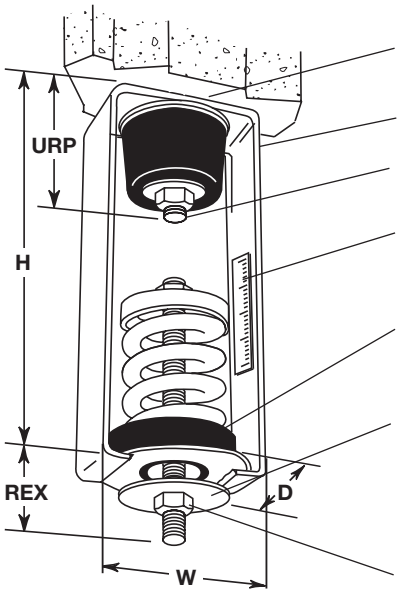
CUSTOMER P.O. _____

MASON M. _____

DWG No. _____

PCDNHS

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



Bolt tight to structure

Double Deflection LDS Rubber Element with projecting bushing

Upper Rods by others

Precompression and final deflection shown on Deflection Scale

LDS Rubber Spring Cup with a projecting bushing to prevent steel to steel contact

Precompression Plate. Hangers are precompressed to rated load or assigned load as required.

Turn nut counter-clockwise to provide plate clearance after hanger is fully loaded

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-23	23	10	1.50	33	18	0.3	0.20	5	Brown
PCDNHS-X-33	33	15	1.30	28	30	0.5			Red
PCDNHS-X-54	54	24	1.40	31	45	0.8			White
PCDNHS-X-76	76	34	1.22	26	73	1.3			Black
PCDNHS-X-113	113	51	1.20	25	113	2.0			Yellow
PCDNHS-X-130	130	59	1.20	25	130	2.3			Purple
PCDNHS-X-175	175	79	1.20	25	175	3.1			Silver
PCDNHS-X-210	210	95	1.20	25	210	3.8			Blue
PCDNHS-A-12	12	5	1.00	25	12	0.2	0.35	9	Red
PCDNHS-A-18	18	8	1.00	25	18	0.3			Gray
PCDNHS-A-25	25	11	1.00	25	25	0.4			Orange
PCDNHS-A-41	41	19	1.18	30	35	0.6			Pink
PCDNHS-A-56	56	25	1.14	29	49	0.9			Black
PCDNHS-A-73	73	33	1.06	27	69	1.2			Tan
PCDNHS-A-95	95	43	1.01	26	94	1.7			Green
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	5.5			Yellow
PCDNHS-A-400	400	182	1.35	34	400	7.2			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 rubber element
†† applies to spring only.

LDS stands for **L**ow **D**ynamic **S**tiffness 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	2 1/2	64	5 1/2	140	2 7/8	73	2 1/4	57	1 3/4	44	3/8	10
PCDNHS-A-12-25	2 3/4	70	6 3/4	171	3 1/4	83	2 1/4	57	2 1/4	57	5/8	16
PCDNHS-A-41-95	2 3/4	70	6 3/4	171	3 1/4	83	2 1/4	57	2 1/4	57	5/8	16
PCDNHS-A-45-125	2 3/4	70	6 3/4	171	3 1/4	83	2 1/4	57	2 1/4	57	5/8	16
PCDNHS-A-200-625	2 3/4	70	6 3/4	171	3 1/4	83	2 1/4	57	2 1/4	57	5/8	16

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

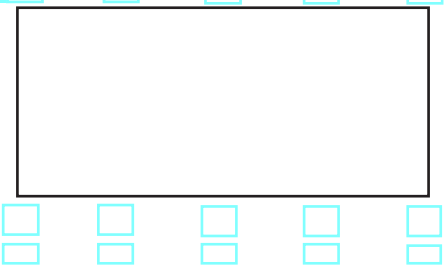
All springs have additional travel to solid equal to 50% of the Rated Deflection. Hanger elements have straight line deflection curves.

PLAN VIEW OF HANGER LOCATIONS

TAG: _____

UNIT: _____

Click with mouse for each location



_____ **SPECIFICED DEFLECTION**

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

CERTIFICATION FORM S-602a 04/2009	DWN	CHKD	DATE	DWG No.

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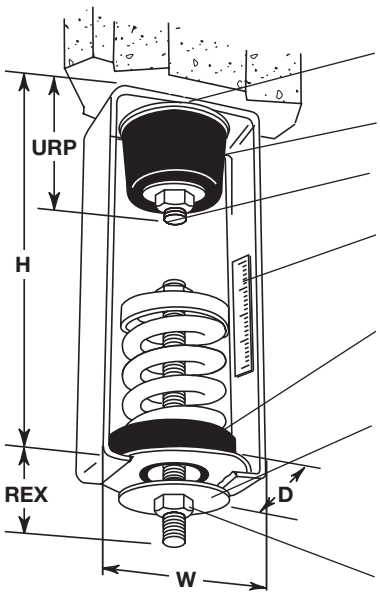
CUSTOMER P.O. _____

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PCDNHS

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



Bolt tight to structure

Double Deflection LDS Rubber Element with projecting bushing

Upper Rods by others

Precompression and final deflection shown on Deflection Scale

LDS Rubber Spring Cup with a projecting bushing to prevent steel to steel contact

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URP - Upper Rod Pendetration
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MRD - Maximum Rod Diameter

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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-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	0.35	9	Black
PCDNHS-A-310	310	141	1.35	34	310	5.5			Yellow
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PCDNHS-A-510	510	232	1.35	34	510	9.1			Red
PCDNHS-A-625	625	284	1.35	34	625	11.2			White
PCDNHS-B-65	65	30	2.45	62	31	0.6			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	0.35	9	Orange
PCDNHS-B-280	280	127	1.95	50	174	3.1			Green
PCDNHS-B-450	450	204	1.66	42	344	6.1			Red
PCDNHS-B-750	750	341	1.47	37	670	12.0			White
PCDNHS-B-1000	1000	455	1.35	34	1000	17.9			Blue
PCDNHS-1-1000	1000	455	1.40	36	1000	17.9			Black
PCDNHS-1-1350	1350	614	1.40	36	1350	24.2			Yellow
PCDNHS-1-1750	1750	795	1.40	36	1750	31.3			Black*
PCDNHS-1-2100	2100	955	1.40	36	2100	37.6	0.40	10	Yellow*
PCDNHS-1-2385	2385	1084	1.40	36	2385	42.7			Yellow**
PCDNHS-1-2650	2650	1205	1.40	36	2650	47.4			Red*
PCDNHS-1-2935	2935	1334	1.40	36	2935	52.5			Red**
PCDNHS-2-2700	2700	1227	1.40	36	2700	48.3			Yellow
PCDNHS-2-3500	3500	1591	1.40	36	3500	62.6	0.40	10	Black*
PCDNHS-2-4200	4200	1909	1.40	36	4200	75.2			Yellow*
PCDNHS-4-5400	5400	2455	1.40	36	5400	96.6			Yellow
PCDNHS-4-7000	7000	3182	1.40	36	7000	125.3			Black*
PCDNHS-4-8400	8400	3818	1.40	36	8400	150.3	0.40	10	Yellow*
PCDNHS-4-9540	9540	2973	1.40	36	9540	117.0			Yellow**
PCDNHS-4-10600	10600	4818	1.40	36	10600	189.7			Red*
PCDNHS-4-11740	11740	5336	1.40	36	11740	210.1			Red**

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Size Range	D (in)	(mm)	H (in)	(mm)	W (in)	(mm)	REX (in)	(mm)	URP (in)	(mm)	MRD (in)	(mm)
PCDNHS-A-45-125	2 3/4	70	6 3/4	171	3 1/4	83	2 1/4	57	2 1/4	57	5/8	16
PCDNHS-A-200-625	2 3/4	70	6 3/4	171	3 1/4	83	2 1/4	57	2 1/4	57	5/8	16
PCDNHS-B-65-1000	4	102	9	229	4 3/4	121	2 1/4	57	2 1/4	76	3/4	19
PCDNHS- 1-1000-2935	4	102	10 1/4	260	5 1/4	133	2 1/4	57	2 1/4	83	7/8	22
PCDNHS- 2-2700-4200	8	203	12	305	5 1/4	133	4 1/4	108	5	95	1	25
PCDNHS- 4-5400-11740	7	178	15	381	8 7/8	225	4 1/2	114	6	152	1 1/4	32

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†† applies to spring only.

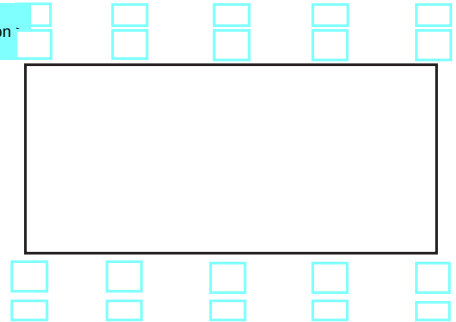
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