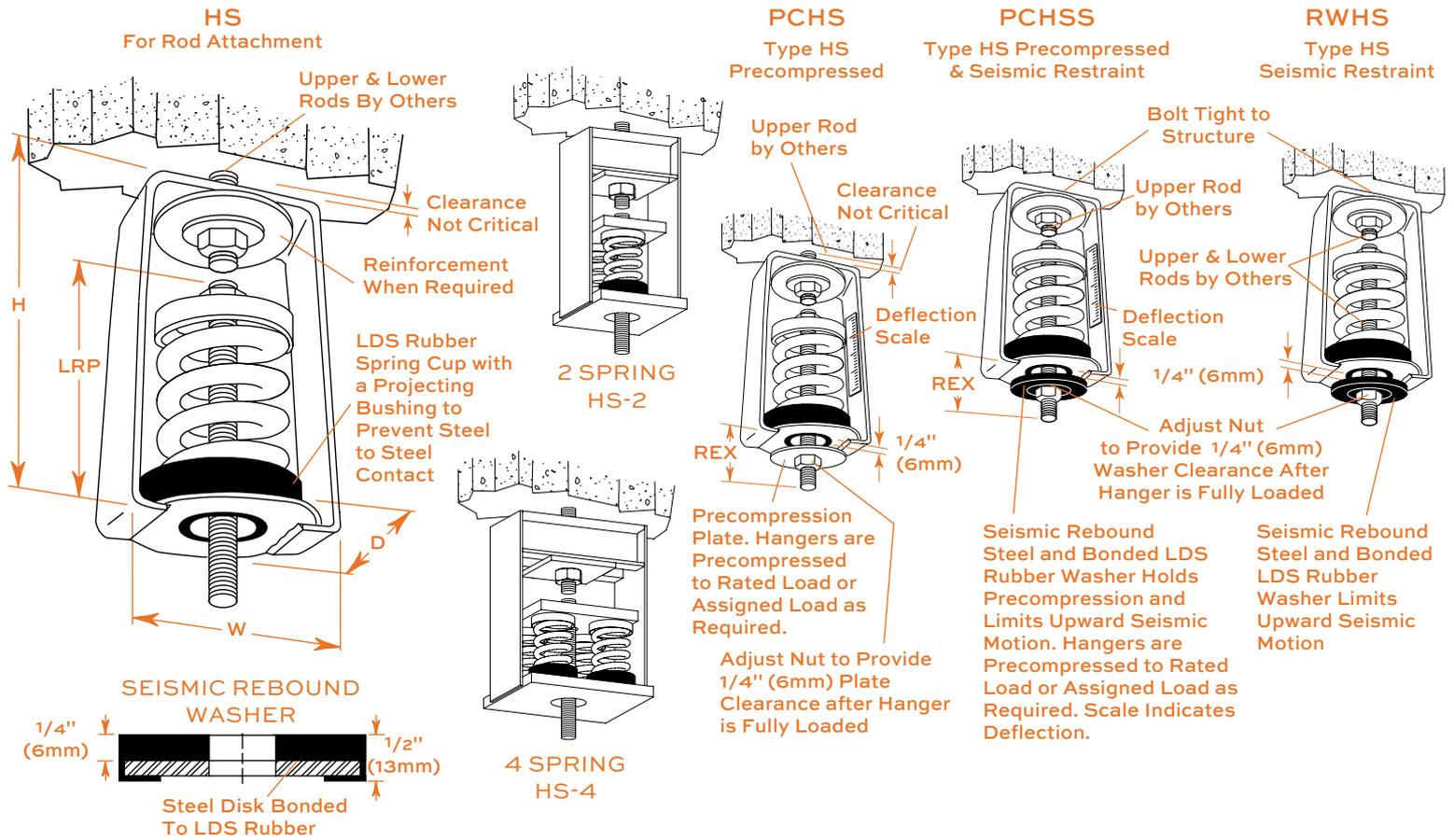


**HS, PCHS, PCHSS & RWHS**  
**1" (25mm) DEFLECTION X, A & B SPRING HANGERS**



TYPE HS, PCHS, PCHSS & RWHS DIMENSIONS

Type	Size	D		H		W		Lower Rod Penetration LRP		Max. Rod Dia. MRD		Rod Extension REX	
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
HS-	X	2 1/2	64	4 1/4	108	27/8	73	3 1/2	89	3/8	10	1 3/4	44
	A-12 - 25	2 3/4	70	5 3/4	146	3 1/4	83	3 1/2	89	5/8	16	2 1/4	57
PCHS-	A-41 - 95	2 3/4	70	5 3/4	146	3 1/4	83	4	102	5/8	16	2 1/4	57
	A-45 - 400	2 3/4	70	5 3/4	146	3 1/4	83	4	102	5/8	16	2 1/2	64
PCHSS-	A-510	2 3/4	70	5 3/4	146	3 1/4	83	4	102	5/8	16	2 1/2	64
RWHS-	A-625	2 3/4	70	5 3/4	146	3 1/4	83	4	102	5/8	16	2 1/2	64
	B	4	102	7 1/4	184	4 3/4	121	4 1/4	108	3/4	19	2 1/4	57

SPRING ONLY

Size	Spring OD		Free Height	
	(in)	(mm)	(in)	(mm)
X	1 1/2	38	2 1/2	64
A-12 - 25	1 3/4	44	1 7/8	48
A-41 - 95	1 3/4	44	2 1/4	57
A-45 - 400	1 3/4	44	3	76
A-510	1 3/4	44	3 1/8	79
A-625	1 3/4	44	3 3/8	86
B	2 3/8	60	4	102

TYPE HS, PCHS, PCHSS & RWHS RATINGS

Type	Size	Rated Capacity		Rated Defl. <sup>†</sup>		Spring Constant		Spring Color/Stripe	Vertical G Ratings	
		(lb)	(kg)	(in)	(mm)	(lb/in)	(kg/mm)		Tens.	Comp.
HS-	X-12	12	5	1.25	32	10	0.18	Orange	10.0*	10.0*
	X-23	23	10	1.30	33	18	0.30	Brown	10.0*	10.0*
	X-33	33	15	1.10	28	30	0.54	Red	10.0*	10.0*
	X-54	54	24	1.20	30	45	0.80	White	10.0*	10.0*
	X-76	76	34	1.02	25	73	1.36	Black	10.0*	10.0*
	X-113	113	51	1.00	25	113	2.04	Yellow	10.0*	7.6
PCHS-	X-130	130	59	1.00	25	130	2.36	Purple	10.0*	6.6
	X-175	175	79	1.00	25	175	3.16	Silver	10.0*	4.9
PCHSS-	X-210	210	95	1.00	25	210	3.80	Blue	9.0	4.1
RWHS-	A-12	12	5	1.00	25	12	0.20	Red	10.0*	10.0*
	A-18	18	8	1.00	25	18	0.32	Gray	10.0*	10.0*
	A-25	25	11	1.00	25	25	0.44	Orange	10.0*	10.0*
	A-41	41	19	1.18	30	35	0.63	Pink	10.0*	10.0*
	A-56	56	25	1.14	30	49	0.83	Black	10.0*	10.0*
	A-73	73	33	1.06	27	69	1.22	Tan	10.0*	10.0*
	A-95	95	43	1.01	26	94	1.65	Green	10.0*	10.0*

TYPE HS, PCHS, PCHSS & RWHS RATINGS (continued)

Type	Size	Rated Capacity		Rated Defl. <sup>†</sup>		Spring Constant		Spring Color/Stripe	Vertical G Ratings	
		(lb)	(kg)	(in)	(mm)	(lb/in)	(kg/mm)		Tens.	Comp.
HS-	A-45	45	20	1.60	41	28	0.49	Blue	10.0*	10.0*
	A-75	75	34	1.50	38	50	0.89	Orange	10.0*	10.0*
	A-125	125	57	1.33	34	94	1.68	Brown	10.0*	10.0*
	A-200	200	91	1.15	29	174	3.14	Black	10.0*	10.0*
	A-310	310	141	1.00	25	310	5.64	Yellow	10.0*	7.1
	A-400	400	181	1.00	25	400	7.24	Green	10.0*	5.5
PCHS-	A-510	510	231	1.00	25	510	9.24	Red	10.0*	4.3
	A-625	625	283	1.00	25	625	11.30	White	9.0	3.5
PCHSS-	B-65	65	29	2.10	53	31	0.55	Brown	10.0*	10.0*
	B-85	85	39	2.10	53	40	0.74	Wht/Blk	10.0*	10.0*
RWHS-	B-115	115	52	2.00	51	57	1.02	Silver	10.0*	10.0*
	B-150	150	68	2.00	51	75	1.33	Orange	10.0*	10.0*
	B-280	280	127	1.60	41	174	3.10	Green	10.0*	5.4
	B-450	450	204	1.31	33	344	6.18	Red	10.0*	3.3
	B-750	750	340	1.12	28	670	12.10	White	10.0*	2.0
	B-1000	1000	454	1.00	25	1000	18.20	Blue	10.0*	1.5

<sup>†</sup>All springs have additional travel to solid equal to 50% of Rated Deflection. \*10.0 indicates a rating of 10 Gs or greater.



**1" (25mm) DEFLECTION C & MULTIPLE C SPRING HANGERS**

**TYPE HS, PCHS, PCHSS & RWHS DIMENSIONS**

Type	Size	D (in) (mm)		H (in) (mm)		W (in) (mm)		Lower Rod Penetration LRP (in) (mm)		Max. Rod Dia. MRD (in) (mm)		Rod Extension REX (in) (mm)	
HS-	1	4	102	83/4	222	51/4	133	5	127	7/8	22	21/4	57
PCHS-	2	9	229	10	254	51/4	133	7	178	1	25	41/4	108
PCHSS-	4	7	178	13	330	87/8	225	7	178	11/4	32	41/2	114

**SPRING ONLY**

Size	Spring OD (in) (mm)		Free Height (in) (mm)	
All	27/8	73	41/8	105

**TYPE HS, PCHS, PCHSS & RWHS RATINGS**

Type	Size	Rated Capacity (lb) (kg)		Rated Defl. <sup>†</sup> (in) (mm)		Spring Constant (lb/in) (kg/mm)		Spring Color	Vertical G Ratings Tens. Comp.	
HS-	1-1000	1000	454	1.00	25	1000	18.20	Black	10.0*	3.2
	1-1350	1350	612	1.00	25	1350	24.50	Yellow	8.7	2.4
	1-1750	1750	794	1.00	25	1750	31.80	Black*	6.7	1.8
	1-2100	2100	953	1.00	25	2100	38.10	Yellow*	5.6	1.5
PCHS-	1-2385	2385	1082	1.00	25	2385	43.30	Yellow**	5.0	1.4
PCHSS-	1-2650	2650	1202	1.00	25	2650	48.10	Red*	4.4	1.2
	1-2935	2935	1331	1.00	25	2935	53.20	Red**	4.0	1.1
RWHS-	2-2700	2700	1225	1.00	25	2700	49.00	Yellow	10.0*	3.0
	2-3500	3500	1588	1.00	25	3500	63.50	Black*	10.0*	2.3
	2-4200	4200	1905	1.00	25	4200	76.20	Yellow*	9.8	1.9

**TYPE HS, PCHS, PCHSS & RWHS RATINGS (continued)**

Type	Size	Rated Capacity (lb) (kg)		Rated Defl. <sup>†</sup> (in) (mm)		Spring Constant (lb/in) (kg/mm)		Spring Color	Vertical G Ratings Tens. Comp.	
HS-	4-5400	5400	2449	1.00	25	5400	98.0	Yellow	10.0*	3.5
PCHS-	4-7000	7000	3175	1.00	25	7000	127.0	Black*	8.4	2.7
	4-8400	8400	3810	1.00	25	8400	152.4	Yellow*	7.0	2.2
PCHSS-	4-9540	9540	4327	1.00	25	9540	173.1	Yellow**	6.2	2.0
RWHS-	4-10600	10600	4808	1.00	25	10600	192.3	Red*	5.5	1.8
	4-11740	11740	5325	1.00	25	11740	213.0	Red**	5.0	1.6

\*All springs have additional travel to solid equal to 50% of Rated Deflection.  
 †10.0 indicates a rating of 10 Gs or greater.  
 \*with red inner spring \*\*with green inner spring

**2" (51mm) DEFLECTION B, B2, C2 & MULTIPLE C2 SPRING HANGERS**

**TYPE HS, PCHS, PCHSS & RWHS DIMENSIONS**

Type	Size	D (in) (mm)		H (in) (mm)		W (in) (mm)		Lower Rod Penetration LRP (in) (mm)		Max. Rod Dia. MRD (in) (mm)		Rod Extension REX (in) (mm)	
HS-	B	4	102	71/4	184	43/4	121	51/8	130	3/4	19	21/4	57
PCHS-	B2	4	102	71/4	184	43/4	121	51/8	130	3/4	19	21/4	57
PCHSS-	C2	4	102	83/4	222	51/4	133	51/4	133	7/8	22	21/4	57
RWHS-	2-C2	9	229	10	254	51/4	133	6	152	1	25	41/4	108
	4-C2	7	178	13	330	87/8	225	8	203	11/4	32	41/2	114

**SPRING ONLY**

Size	Spring OD (in) (mm)		Free Height (in) (mm)	
B	23/8	60	4	102
B2	23/8	60	41/2	114
C2	27/8	73	5	127
2-C2	27/8	73	5	127
4-C2	27/8	73	5	127

**TYPE HS, PCHS, PCHSS & RWHS RATINGS**

Type	Size	Rated Capacity (lb) (kg)		Rated Defl. <sup>†</sup> (in) (mm)		Spring Constant (lb/in) (kg/mm)		Spring Color/Stripe	Vertical G Ratings Tens. Comp.	
HS-	B-20	20	9	2.40	61	8	0.15	Tan	10.0*	10.0*
	B-26	26	12	2.18	55	12	0.22	Wht/Bl	10.0*	10.0*
	B-35	35	16	2.20	56	16	0.29	Purple	10.0*	10.0*
	B-50	50	23	2.20	56	24	0.41	Wht/Rd	10.0*	10.0*
	B-65	65	29	2.10	53	31	0.55	Brown	10.0*	10.0*
	B-85	85	39	2.10	53	40	0.74	Wht/Blk	10.0*	10.0*
PCHS-	B-115	115	52	2.00	51	57	1.02	Silver	10.0*	10.0*
	B-150	150	68	2.00	51	75	1.33	Orange	10.0*	10.0*
PCHSS-	B2-210	210	95	2.12	54	99	1.76	Silver	10.0*	7.1
RWHS-	B2-290	290	132	2.00	51	144	2.59	Blue	10.0*	5.2
	B2-450 <sup>‡</sup>	450	204	2.00	51	224	4.00	Tan	10.0*	3.3
	B2-680 <sup>‡</sup>	680	308	2.00	51	340	6.04	Gray	10.0*	2.2
	C2-125	125	57	2.50	64	50	0.89	Purple	10.0*	10.0*
	C2-170	170	77	2.40	61	70	1.26	Brown	10.0*	10.0*
	C2-210	210	95	2.30	58	90	1.64	Red	10.0*	10.0*

**TYPE HS, PCHS, PCHSS & RWHS RATINGS (continued)**

Type	Size	Rated Capacity (lb) (kg)		Rated Defl. <sup>†</sup> (in) (mm)		Spring Constant (lb/in) (kg/mm)		Spring Color/Stripe	Vertical G Ratings Tens. Comp.	
HS-	C2-260	260	118	2.20	56	120	2.11	White	10.0*	10.0*
	C2-330	330	150	2.00	51	165	2.94	Black	10.0*	9.6
	C2-460	460	209	2.00	51	230	4.10	Blue	10.0*	6.9
	C2-610	610	277	2.00	51	305	5.43	Green	10.0*	5.2
	C2-880 <sup>‡</sup>	880	399	2.00	51	440	7.82	Gray	10.0*	3.6
	C2-1210 <sup>‡</sup>	1210	549	2.00	51	605	10.8	Silver	9.7	2.6
PCHS-	C2-1540 <sup>‡</sup>	1540	699	2.00	51	770	13.7	Gray*	7.7	2.1
	C2-1870 <sup>‡</sup>	1870	848	2.00	51	935	16.6	Silver*	6.3	1.7
PCHSS-	2-C2-2420 <sup>‡</sup>	2420	1098	2.00	51	1210	21.5	Silver	10.0*	4.6
RWHS-	2-C2-3080 <sup>‡</sup>	3080	1397	2.00	51	1540	27.4	Gray*	10.0*	3.6
	2-C2-3740 <sup>‡</sup>	3740	1696	2.00	51	1870	33.3	Silver*	10.0*	3.0
	4-C2-3520 <sup>‡</sup>	3520	1597	2.00	51	1760	31.3	Gray	10.0*	5.3
	4-C2-4840 <sup>‡</sup>	4840	2195	2.00	51	2420	43.0	Silver	10.0*	3.9
RWHS-	4-C2-6160 <sup>‡</sup>	6160	2794	2.00	51	3080	54.8	Gray*	9.5	3.1
	4-C2-7480 <sup>‡</sup>	7480	3393	2.00	51	3740	66.5	Silver*	7.8	2.5

\*All springs without "‡" have additional travel to solid equal to 50% of the rated deflection. †10.0 indicates a rating of 10 Gs or greater. \*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 (lb) (kg)		Deflection (in) (mm)	
B2-450	410	186	1.83	46
B2-680	565	256	1.66	42
C2-880	800	363	1.82	46
C2-1210	1010	458	1.67	42
C2-1540	1285	583	1.67	42

Size	Derated Capacity (lb) (kg)		Deflection (in) (mm)	
C2-1870	1560	708	1.67	42
2-C2-1760	1600	726	1.82	46
2-C2-2420	2020	916	1.67	42
2-C2-3080	2570	1166	1.67	42

Size	Derated Capacity (lb) (kg)		Deflection (in) (mm)	
2-C2-3740	3120	1415	1.67	42
4-C2-4840	4040	1833	1.67	42
4-C2-6160	5145	2334	1.67	42
4-C2-7480	6245	2833	1.67	42

