

MECHANICAL EQUIPMENT

Products

ACOUSTIC

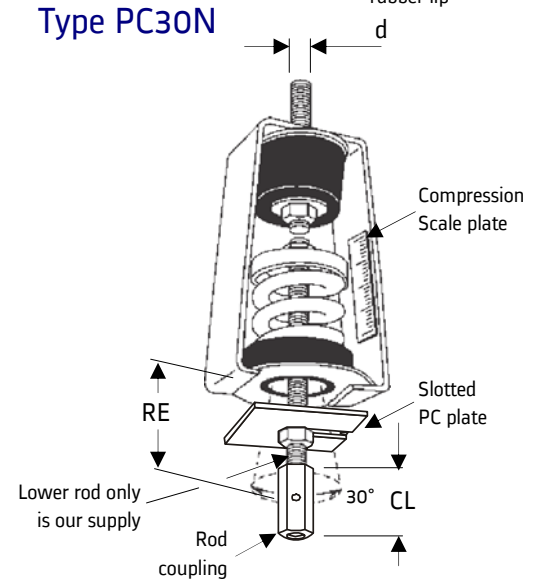
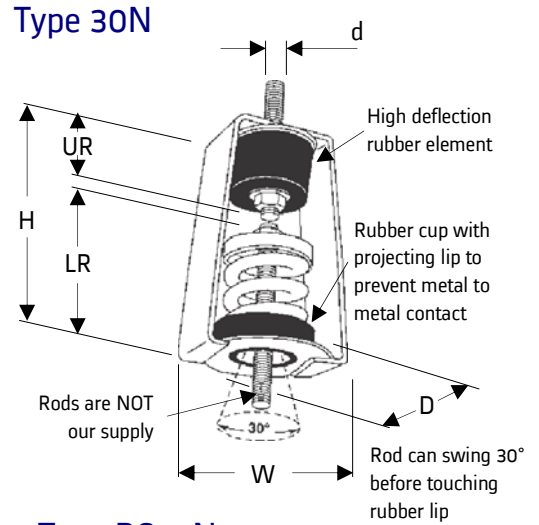
Spring Hangers

# Type 30N and PC30N Spring Hangers

Selection Table

Type	Size	Rated Capacity [ kg ]	Rated Deflection [ mm ]	Spring Rate [ kg/mm ]	Spring Color	Average Rubber Deflection [ mm ]
30N	12	5	25	0.2	Red	2
	25	11	25	0.44	Orange	2
	41	18.5	29	0.64	Red	4
	56	25	26	0.95	Black	4
	95	48	25	1.9	Green	4
	138	64	33	1.95	White	5
	278	125	27	4.6	Grey	5
	336	148	25	5.9	Red	5
	445	200	32	6.2	Brown	5
	800	350	27	13.0	Orange	5
1500	665	34	19.6	Red	7	
2060	936	28	34.0	Black	7	

All hangers can be tagged for identification, if specified



LR = Allowance for length of lower rod above base of hanger – our supply only with PC30N

UR = Allowance for length of upper rod below top of hanger – rod not our supply

$d$  = Rod diameter ( M16 is standard for 30N and PC30N – 445 to 800. M12 can be supplied if specified )

RE = Rod extension – base of hanger to centre off rod coupling – our supply

CL = Length of rod coupling – our supply.

Prefix PC is used when pre-compression option is required.

Pre compression equipment comprises of slotted PC plate, threaded rod, top nut and lock nut, bottom nut, rod coupling and scale plate

Hanger supplied with spring pre-compressed to 80% of rated deflection, unless otherwise specified. Loosen nut and remove PC plate after hanger is fully loaded.

## Dimensions in mm

Type	Size	H	W	D	LR	d	PC30N only	
							RE	CL
30N	12 - 25	145	85	50	75	M10	110	45
	41 - 95	145	85	50	80	M10	105	45
	138 - 336	170	120	50	105	M12	130	45
	445 - 800	273	135	65	125	M16 ( M12 )	120	50 ( 45 )
	1500 - 2060	300	175	65	170	M20	120	50

# Type DNHS and PCDNHS Spring Hangers

## Selection Table

Type	Size	Rated Capacity [ kg ]	Rated Deflection [ mm ]	Spring Rate [ kg/mm ]	Spring Color	Average Rubber Deflection [ mm ]
DNHSA	45	20	40	0.5	Blue	4
	75	34	38	0.9	Orange	4
	125	56	33	1.7	Red	4
	200	90	29	3.1	Black	4
	310	152	25	6.1	Yellow	4
DNHSB	140	64	49	1.3	Orange	4.5
	280	128	40	3.2	Green	4.5
	450	207	33	6.3	Red	4.5
DNHSB	750	340	30	11.3	White	5
	1000	450	25	18.0	Blue	5
DNHSC	225	100	45	2.2	Blue	5.5
	435	200	39	5.1	Grey	5.5
	735	320	35	9.2	White	5.5
	1000	445	26	17.2	Black	5.5
DNHSC	1350	615	25	24.6	Yellow	6.5
	1675	765	25	30.6	Yellow <sup>1</sup>	6.5
	2100	950	25	38.0	Yellow <sup>2</sup>	6.5

1 with grey inner spring      All hangers can be tagged for identification, if specified  
 2 with red inner spring

LR = Allowance for length of lower rod above base of hanger – our supply only with PCDNHS

UR = Allowance for length of upper rod below top of hanger – not our supply

d = Rod diameter. First size shown is standard. Sizes in brackets are optional. Standard size will be supplied unless optional is specified.

RE = Rod extension – base of hanger to centre of rod coupling – our supply

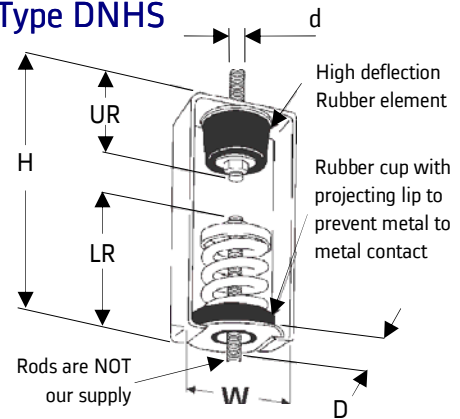
CL = Length of rod coupling – our supply.

DNHSD or PCDNHSD ( 2 springs ) can be supplied for capacities up to 1900 kg. Dimensions are not published because they can be changed to meet the customer's particular requirements.

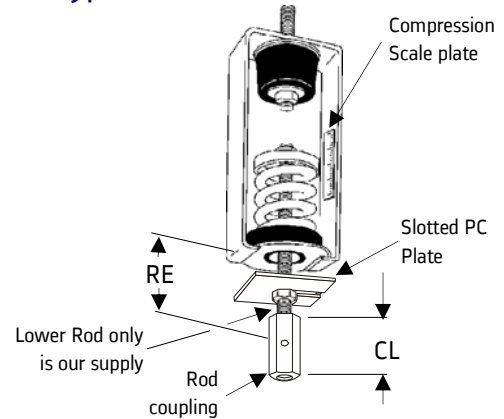
## Dimensions in mm

Type	Size	H	W	D	LR	UR	d	PCHS only	
								RE	CL
DNHSA		170	83	50	100	55	M10	105	45
DNHSB	140 - 450	225	120	65	135	80	M12 ( M16 )	110	45 ( 50 )
DNHSB	750 - 1000	225	120	65	135	80	M16 ( M12 )	110	50 ( 45 )
DNHSC	225 - 435	275	135	65	140	80	M12 ( M16 )	110	45 ( 50 )
DNHSC	735 - 1000	275	135	65	140	80	M16 ( M12 )	110	50 ( 45 )
DNHSC	1350	275	135	65	150	90	M20	120	50
DNHSC	1675 - 2100	275	135	65	150	90	M20	120	50

## Type DNHS



## Type PCDNHS



Hanger supplied with spring pre-compressed to 80% of rated deflection, unless otherwise specified. Loosen nut and remove PC plate after hanger is fully loaded.

Prefix PC is used when pre-compression option is required. Pre compression equipment comprises of slotted PC plate, threaded rod, top nut and lock nut, bottom nut, rod coupling and scale plate