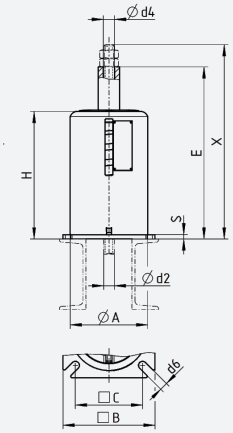
SPRING HANGER FOR SEATING

TYPE 25 .. 15 (25 .. 55)
STANDARD DESIGN



To balance slight vertical displacements of the pipelines, spring components are used as supports. These components function on the basis of preset helical coil springs, which exert a variable supporting load over the range of movement in accordance with their specified spring characteristics.

	ØA	□B	□C	d6	Ød2	Ød4	E	H	S	Xmax.	Load range [kN]	Travel range [mm]	Spring rate [N/mm]	Temp. permanent [°C]	Temp. short-term [°C]	Weight [kg]
25D215 (25D255)	90	125	95	12	M10	13	350	253	6	388	0.12 - 0.52	0 - 100	4.1	80	150	3.3
25D315 (25D355)	90	125	95	12	M10	13	675	478	6	713	0.12 - 0.52	0 - 200	2.1	80	150	5.8
251115 (251155)	90	125	95	12	M12	13	200	153	6	238	0.41 - 1.25	0 - 50	16.6	80	150	2.5
251215 (251255)	90	125	95	12	M12	13	350	253	6	388	0.41 - 1.25	0 - 100	8.3	80	150	3.6
251315 (251355)	90	125	95	12	M12	13	675	478	6	713	0.41 - 1.25	0 - 200	4.1	80	150	6.4
252115 (252155)	115	150	115	14	M12	13	205	157	6	242	0.83 - 2.5	0 - 50	33.3	80	150	4.1
252215 (252255)	115	150	115	14	M12	13	355	257	6	392	0.83 - 2.5	0 - 100	16.6	80	150	5.8
252315 (252355)	115	150	115	14	M12	13	665	467	6	702	0.83 - 2.5	0 - 200	8.3	80	150	9.2
253115 (253155)	115	150	115	14	M16	18	210	162	6	257	1.66 - 5	0 - 50	66.6	80	150	4.4
253215 (253255)	115	150	115	14	M16	18	355	257	6	402	1.66 - 5	0 - 100	33.3	80	150	6.2
253315 (253355)	115	150	115	14	M16	18	675	477	6	722	1.66 - 5	0 - 200	16.6	80	150	10.2
254115 (254155)	155	190	140	18	M20	25	230	192	10	292	3.33 - 10	0 - 50	133.3	80	150	9.7
254215 (254255)	155	190	140	18	M20	25	395	305	10	460	3.33 - 10	0 - 100	66.6	80	150	13.5
254315 (254355)	155	190	140	18	M20	25	730	538	10	793	3.33 - 10	0 - 200	33.3	80	150	21.2
255115 (255155)	180	220	170	18	M24	28	265	219	10	329	6.66 - 20	0 - 50	266.6	80	150	16.9
255215 (255255)	180	220	170	18	M24	28	405	311	10	471	6.66 - 20	0 - 100	133.3	80	150	20.8
255315 (255355)	180	220	170	18	M24	28	740	544	10	804	6.66 - 20	0 - 200	66.6	80	150	32.0

	ØA	□B	□C	d6	Ød2	Ød4	E	H	S	Xmax.	Load range [kN]	Travel range [mm]	Spring rate [N/mm]	Temp. per-manent [°C]	Temp. short-term [°C]	Weight [kg]
256115 (256155)	220	260	200	23	M30	34	300	252	12	382	13.33 - 40	0 - 50	533.3	80	150	30.1
256215 (256255)	220	260	200	23	M30	34	465	369	12	549	13.33 - 40	0 - 100	266.6	80	150	38.8
256315 (256355)	220	260	200	23	M30	34	845	647	12	927	13.33 - 40	0 - 200	133.3	80	150	61.1
257115 (257155)	245	290	215	23	M36	40	350	314	15	454	20 - 60	0 - 50	800	80	150	46.3
257215 (257255)	245	290	215	23	M36	40	530	441	15	631	20 - 60	0 - 100	400	80	150	60.4
257315 (257355)	245	290	215	23	M36	40	900	711	15	1001	20 - 60	0 - 200	200	80	150	87.5
258115 (258155)	245	290	215	27	M42	47	385	347	18	507	26.66 - 80	0 - 50	1066.6	80	150	55.4
258215 (258255)	245	290	215	27	M42	47	605	512	18	727	26.66 - 80	0 - 100	533.3	80	150	74.7
258315 (258355)	245	290	215	27	M42	47	1075	884	18	1194	26.66 - 80	0 - 200	266.6	80	150	120.0
259115 (259155)	275	340	255	33	M48	54	415	384	20	549	33.33 - 100	0 - 50	1333.3	80	150	78.3
259215 (259255)	275	340	255	33	M48	54	645	559	20	779	33.33 - 100	0 - 100	666.6	80	150	105.0
259315 (259355)	275	340	255	33	M48	54	1110	921	20	1241	33.33 - 100	0 - 200	333.3	80	150	156.5

The dimensions E and X are reduced by the corresponding spring travel under load.

For areas with increased requirements, all components right up to the finished product must be traceable through batch restamping and the units themselves identifiable according to KTA and ASME codes. In the type designation the increased requirement level is indicated in the 5th digit.
Corrosion category and protection duration depending on the design ordered: C3(m) (galvanized), C4(h) / HD (hot-dip galvanized), C5(h) (hot-dip galvanized and color-coated).
Further information refer to the chapters PG0 and PG2 of the catalogue "Standard Supports".