AGATHON
SWITZERLAND

Schraubendruckfedern
Cylindrical pressure springs

823
ISO10243

Druckfeder für sehr starke Belastung

Technische Daten:

Farbe: Gelb

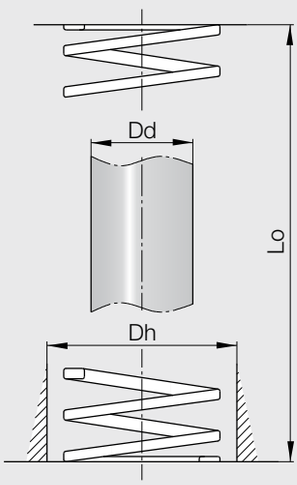
Dh	Hülsendurchmesser
Dd	Dorndurchmesser
Lo	Länge unbelastet
R	Federrate (Federkraft pro mm Federweg)
F1	Federkraft
S1	Federweg (lange Lebensdauer)
F2	Federkraft
S2	Federweg (mittlere Lebensdauer)
Fn	Federkraft
Sn	Federweg (max. Belastbarkeit)
FBl.	Federkraft
LBl.	Federlänge (auf Block)

Pressure spring for very heavy loads

Technical data:

Color: yellow

Dh	Hole diameter
Dd	Rod diameter
Lo	Unloaded length
R	Deflection (spring load per mm travel stroke)
F1	Spring load
S1	Travel stroke (long spring life)
F2	Spring load
S2	Travel stroke (medium spring life)
Fn	Spring load
Sn	Travel stroke (max. load capacity)
FBl.	Spring load at Smax.
LBl.	Spring length (compressed to solid)



Art.-Nr.	Dh	Dd	Lo	R	F1	S1	F2	S2	Fn	Sn	FBl.	LBl.
	mm	mm	mm	N/mm	N	mm	N	mm	N	mm	N	mm
823.10.025	10	5	25	36.8	158	4.3	184	5.0	232	6.3	283	7.7
823.10.032			32	27.9	151	5.4	179	6.4	223	8.0	296	10.6
823.10.038			38	23.7	154	6.5	180	7.6	225	9.5	299	12.6
823.10.044			44	19.2	144	7.5	169	8.8	211	11.0	265	13.8
823.10.051			51	16.5	144	8.7	168	10.2	211	12.8	267	16.2
823.10.064			64	13.2	144	10.9	169	12.8	211	16.0	269	20.4
823.10.076			76	10.9	141	12.9	166	15.2	207	19.0	275	25.2
823.10.305			305	2.6	135	51.9	159	61.0	198	76.3	288	110.8
823.13.025	12.5	6.3	25	58.5	252	4.3	293	5.0	369	6.3	474	8.1
823.13.032			32	43.9	237	5.4	281	6.4	351	8.0	435	9.9
823.13.038			38	36.0	234	6.5	274	7.6	342	9.5	464	12.9
823.13.044			44	30.3	227	7.5	267	8.8	333	11.0	427	14.1
823.13.051			51	26.2	228	8.7	267	10.2	335	12.8	456	17.4
823.13.064			64	21.2	231	10.9	271	12.8	339	16.0	445	21.0
823.13.076			76	17.1	221	12.9	260	15.2	325	19.0	451	26.4
823.13.305			305	4.3	223	51.9	262	61.0	328	76.3	479	111.3

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	mm	mm	mm	N/mm	N	mm	N	mm	N	mm	N	mm
823.16.025	16	8	25	118.0	507	4.3	590	5.0	743	6.3	1003	8.5
823.16.032			32	89.0	481	5.4	570	6.4	712	8.0	979	11.0
823.16.038			38	72.1	469	6.5	548	7.6	685	9.5	952	13.2
823.16.044			44	60.9	457	7.5	536	8.8	670	11.0	895	14.7
823.16.051			51	52.3	455	8.7	533	10.2	669	12.8	926	17.7
823.16.064			64	41.2	449	10.9	527	12.8	659	16.0	902	21.9
823.16.076			76	34.1	440	12.9	518	15.2	648	19.0	948	27.8
823.16.089			89	29.5	445	15.1	525	17.8	658	22.3	920	31.2
823.16.102			102	25.6	443	17.3	522	20.4	653	25.5	970	37.9
823.16.305			305	8.4	436	51.9	512	61.0	641	76.3	953	113.5
823.19.025	20	10	25	293.0	1260	4.3	1465	5.0	1846	6.3	2022	6.9
823.19.032			32	224.0	1210	5.4	1434	6.4	1792	8.0	2106	9.4
823.19.038			38	177.0	1151	6.5	1345	7.6	1682	9.5	2124	12.0
823.19.044			44	149.0	1118	7.5	1311	8.8	1639	11.0	2012	13.5
823.19.051			51	128.0	1114	8.7	1306	10.2	1638	12.8	2074	16.2
823.19.064			64	99.0	1079	10.9	1267	12.8	1584	16.0	2099	21.2
823.19.076			76	81.7	1054	12.9	1242	15.2	1552	19.0	2018	24.7
823.19.089			89	69.5	1049	15.1	1237	17.8	1550	22.3	2002	28.8
823.19.102			102	60.6	1048	17.3	1236	20.4	1545	25.5	2109	34.8
823.19.115			115	53.0	1039	19.6	1219	23.0	1526	28.8	2067	39.0
823.19.127			127	47.5	1026	21.6	1207	25.4	1511	31.8	2043	43.0
823.19.140			139	43.0	1023	23.8	1204	28.0	1505	35.0	1948	45.3
823.19.152			152	39.0	1006	25.8	1186	30.4	1482	38.0	1966	50.4
823.19.305			305	21.2	1100	51.9	1293	61.0	1618	76.3	2194	103.5
823.26.032	25	12.5	32	374.4	2022	5.4	2396	6.4	2995	8.0	4006	10.7
823.26.038			38	346.0	2249	6.5	2630	7.6	3287	9.5	4152	12.0
823.26.044			44	244.0	1830	7.5	2147	8.8	2684	11.0	3514	14.4
823.26.051			51	207.5	1805	8.7	2117	10.2	2656	12.8	3611	17.4
823.26.064			64	161.0	1755	10.9	2061	12.8	2576	16.0	3445	21.4
823.26.076			76	130.8	1687	12.9	1988	15.2	2485	19.0	3519	26.9
823.26.089			89	110.5	1669	15.1	1967	17.8	2464	22.3	3414	30.9
823.26.102			102	96.3	1666	17.3	1965	20.4	2456	25.5	3534	36.7
823.26.115			115	85.7	1680	19.6	1971	23.0	2468	28.8	3454	40.3
823.26.127			127	76.3	1648	21.6	1938	25.4	2426	31.8	3441	45.1
823.26.140			139	68.9	1640	23.8	1929	28.0	2412	35.0	3280	47.6
823.26.152			152	63.5	1638	25.8	1930	30.4	2413	38.0	3397	53.5
823.26.178			178	53.9	1633	30.3	1919	35.6	2399	44.5	3444	63.9
823.26.203			203	47.0	1622	34.5	1908	40.6	2388	50.8	3299	70.2
823.26.305			305	30.9	1604	51.9	1885	61.0	2358	76.3	3402	110.1

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	mm	mm	mm	N/mm	N	mm	N	mm	N	mm	N	mm
823.32.038	32	16	38	528.2	3433	6.5	4014	7.6	5018	9.5	6021	11.4
823.32.044			44	424.4	3183	7.5	3735	8.8	4668	11.0	5814	13.7
823.32.051			51	353.0	3071	8.7	3601	10.2	4518	12.8	5507	15.6
823.32.064			64	269.2	2934	10.9	3446	12.8	4307	16.0	5384	20.0
823.32.076			76	218.5	2819	12.9	3321	15.2	4152	19.0	5331	24.4
823.32.089			89	180.3	2723	15.1	3209	17.8	4021	22.3	5355	29.7
823.32.102			102	155.0	2682	17.3	3162	20.4	3953	25.5	5441	35.1
823.32.115			115	140.0	2744	19.6	3220	23.0	4032	28.8	5460	39.0
823.32.127			127	124.0	2678	21.6	3150	25.4	3943	31.8	5307	42.8
823.32.140			139	112.3	2673	23.8	3144	28.0	3931	35.0	5458	48.6
823.32.152			152	102.0	2632	25.8	3101	30.4	3876	38.0	5345	52.4
823.32.178			178	88.2	2672	30.3	3140	35.6	3925	44.5	5371	60.9
823.32.203			203	76.0	2622	34.5	3086	40.6	3861	50.8	5259	69.2
823.32.254			254	60.8	2627	43.2	3089	50.8	3861	63.5	5356	88.1
823.32.305			305	49.0	2543	51.9	2989	61.0	3739	76.3	5106	104.2
823.38.051	40	20	51	628.0	5464	8.7	6406	10.2	8038	12.8	9420	15.0
823.38.064			64	487.0	5308	10.9	6234	12.8	7792	16.0	9497	19.5
823.38.076			76	379.0	4889	12.9	5761	15.2	7201	19.0	8831	23.3
823.38.089			89	321.0	4847	15.1	5714	17.8	7158	22.3	8571	26.7
823.38.102			102	281.0	4861	17.3	5732	20.4	7166	25.5	9498	33.8
823.38.115			115	245.0	4802	19.6	5635	23.0	7056	28.8	8869	36.2
823.38.127			127	221.0	4774	21.6	5613	25.4	7028	31.8	8995	40.7
823.38.140			139	190.0	4522	23.8	5320	28.0	6650	35.0	8455	44.5
823.38.152			152	168.0	4334	25.8	5107	30.4	6384	38.0	8333	49.6
823.38.178			178	146.0	4424	30.3	5198	35.6	6497	44.5	8745	59.9
823.38.203			203	132.0	4554	34.5	5359	40.6	6706	50.8	8857	67.1
823.38.254			254	107.0	4622	43.2	5436	50.8	6795	63.5	9234	86.3
823.38.305			305	87.8	4557	51.9	5356	61.0	6699	76.3	9096	103.6
823.51.064	50	25	64	709.0	7728	10.9	9075	12.8	11344	16.0	13684	19.3
823.51.076			76	572.0	7379	12.9	8694	15.2	10868	19.0	13842	24.2
823.51.089			89	475.0	7173	15.1	8455	17.8	10593	22.3	13300	28.0
823.51.102			102	405.0	7007	17.3	8262	20.4	10328	25.5	13568	33.5
823.51.115			115	352.0	6899	19.6	8096	23.0	10138	28.8	13587	38.6
823.51.127			127	316.0	6826	21.6	8026	25.4	10049	31.8	13082	41.4
823.51.140			139	274.0	6521	23.8	7672	28.0	9590	35.0	12960	47.3
823.51.152			152	239.0	6166	25.8	7266	30.4	9082	38.0	11998	50.2
823.51.178			178	215.0	6515	30.3	7654	35.6	9568	44.5	13137	61.1
823.51.203			203	187.0	6452	34.5	7592	40.6	9500	50.8	12660	67.7
823.51.254			254	153.0	6610	43.2	7772	50.8	9716	63.5	13311	87.0
823.51.305			305	127.0	6591	51.9	7747	61.0	9690	76.3	13132	103.4