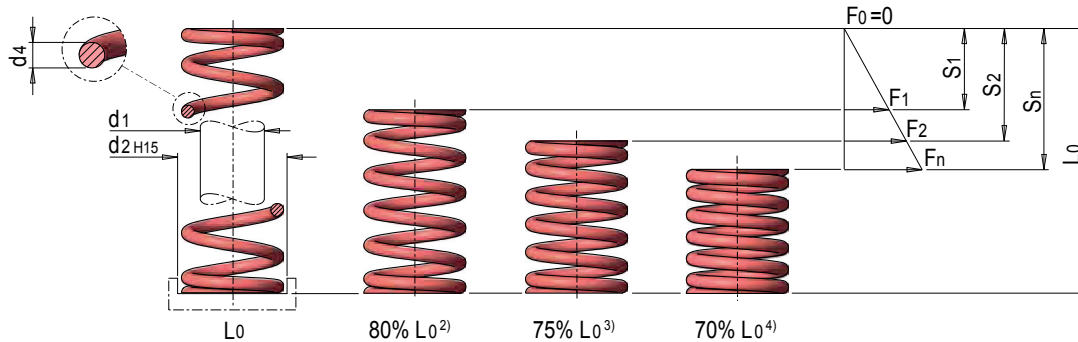


E 15385



Systemdruckfeder, hohe Belastung, rot, rund

System compression spring, heavy load, red, round wire



t max. = 250°C<sup>5)</sup>

c [N/mm] <sup>1)</sup>	F1 [N]	S1	F2 [N]	S2	Fn [N]	Sn	d4	d1	d2	Lo	Nr. / No.		
20.7	103	5	129	6.3	155	7.5	1.6	5	10	25	E 15385/10 x 25		
16.1		6.4		8		9.6				32	E 15385/10 x 32		
13	98	7.6	123	9.5	148	11.4				38	E 15385/10 x 38		
10.9	96	8.8	119	11	143	13.2				44	E 15385/10 x 44		
9.6	98	10.2	123	12.8	147	15.3				51	E 15385/10 x 51		
7.7		12.8		16		19.2				64	E 15385/10 x 64		
6.3	96	15.2	119	19	143	22.8				76	E 15385/10 x 76		
1.5	93	61	116	76.3	137	91.5				305	E 15385/10 x 305		
37.5	187	5	236	6.3	281	7.5				2.2	6.3	12.5	E 15385/12,5 x 25
28.9	185	6.4	231	8	277	9.6						32	E 15385/12,5 x 32
23.5	178	7.6	223	9.5	268	11.4	38	E 15385/12,5 x 38					
19.6	173	8.8	216	11	259	13.2	44	E 15385/12,5 x 44					
17.3	177	10.2	221	12.8	265	15.3	51	E 15385/12,5 x 51					
13.5	173	12.8	216	16	259	19.2	64	E 15385/12,5 x 64					
11.2	170	15.2	213	19	256	22.8	76	E 15385/12,5 x 76					
9.5	168	17.8	210	22.3	252	26.7	89	E 15385/12,5 x 89					
2.7	165	61	206	76.3	247	91.5	305	E 15385/12,5 x 305					
81.6	408	5	514	6.3	612	7.5	2.8	8	16			E 15385/16 x 25	
61.3	392	6.4	490	8	588	9.6			32	E 15385/16 x 32			
49.9	379	7.6	474	9.5	569	11.4			38	E 15385/16 x 38			
40.8	359	8.8	449	11	539	13.2			44	E 15385/16 x 44			
35.6	363	10.2	456	12.8	544	15.3			51	E 15385/16 x 51			
27.8	356	12.8	446	16	535	19.2			64	E 15385/16 x 64			
22.8	346	15.2	433	19	519	22.8			76	E 15385/16 x 76			
19.6	349	17.8	436	22.3	524	26.7			89	E 15385/16 x 89			
17	347	20.4	433	25.5	520	30.6			102	E 15385/16 x 102			
5.4	330	61	413	76.3	495	91.5			305	E 15385/16 x 305			

1) c: Federrate (Kraftzunahme pro mm Federweg) / c: spring rate (load increase per mm spring travel)

2) 80% Lo  $\hat{=}$  S1=20% Lo: Lange Lebensdauer (>3 Mio. Lastwechsel) / 80% Lo  $\hat{=}$  S1=20% Lo: long service life (>3 million changes of load)

3) 75% Lo  $\hat{=}$  S2=25% Lo: Mittlere Lebensdauer (~1.5 Mio. Lastwechsel) / 75% Lo  $\hat{=}$  S2=25% Lo: medium service life (~1.5 million changes of load)

4) 70% Lo  $\hat{=}$  Sn=30% Lo: Max. zulässiger Federweg (~200.000 Lastwechsel) / 70% Lo  $\hat{=}$  Sn=30% Lo: maximum travel (~200.000 changes of load)

5) t max. = 250°C: Ab 120°C: 1%-2% Spannungsverlust pro 40°C / t max. = 250°C: from 120°C: loss of spring load is 1%-2% per 40°C

**i** 1 N = 0.1 daN = 0.102 kg