# Data sheet Extension spring : RZ-153DX

GUTEKUNST FEDERN

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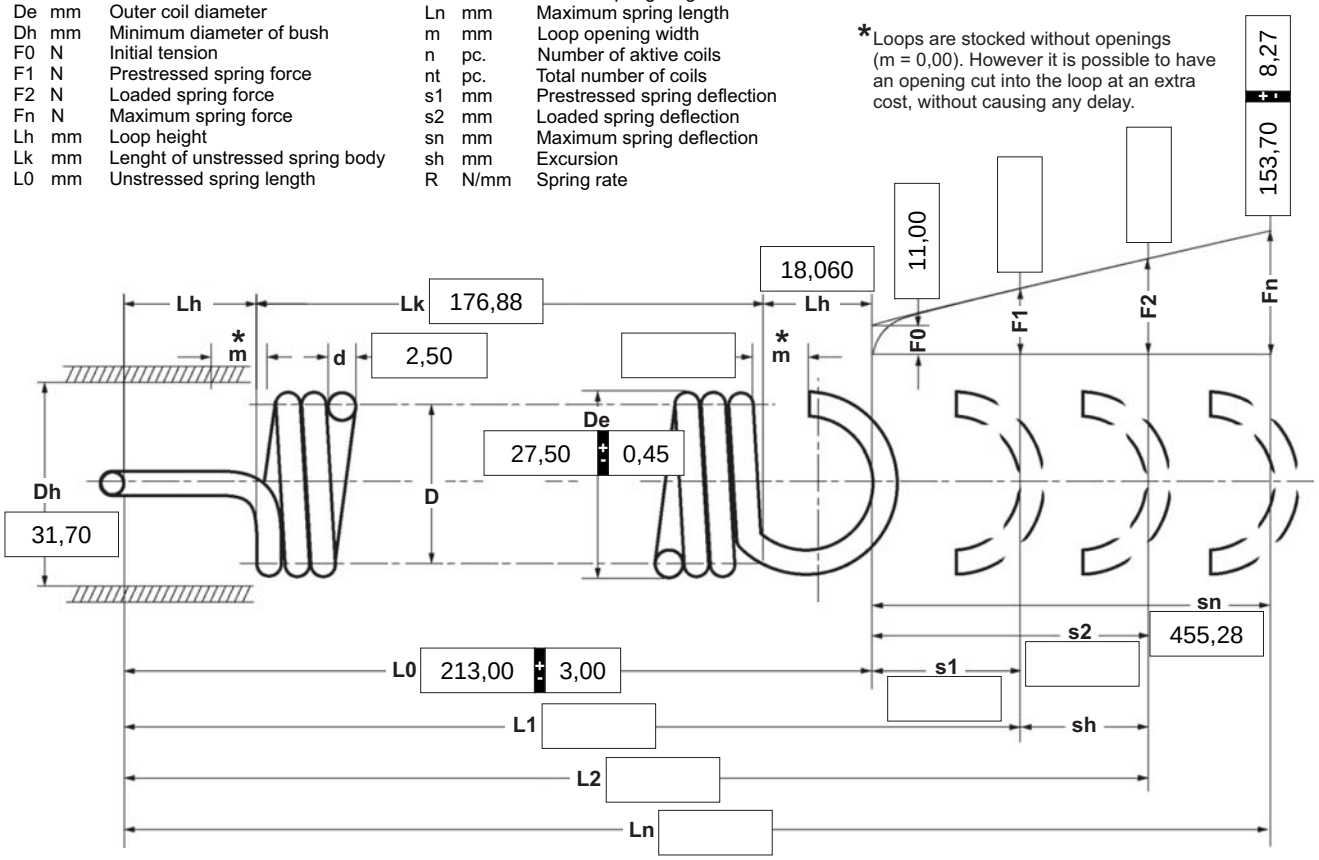
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| d | mm | Wire diameter | L1 | mm | Prestressed spring length | Weight | g | Weight of one spring |
| D | mm | Mean coil diameter | L2 | mm | Loaded spring length | | | |
| De | mm | Outer coil diameter | Ln | mm | Maximum spring length | | | |
| Dh | mm | Minimum diameter of bush | m | mm | Loop opening width | | | |
| F0 | N | Initial tension | n | pc. | Number of aktive coils | | | |
| F1 | N | Prestressed spring force | nt | pc. | Total number of coils | | | |
| F2 | N | Loaded spring force | s1 | mm | Prestressed spring deflection | | | |
| Fn | N | Maximum spring force | s2 | mm | Loaded spring deflection | | | |
| Lh | mm | Loop height | sn | mm | Maximum spring deflection | | | |
| Lk | mm | Lenght of unstressed spring body | sh | mm | Excursion | | | |
| L0 | mm | Unstressed spring length | R | N/mm | Spring rate | | | |

*Loops are stocked without openings (m = 0,00). However it is possible to have an opening cut into the loop at an extra cost, without causing any delay.




n | nt | R 0,314 | Weight 217,970

Spring test acc. to DIN ISO 2859/1 test level II

**1 Coiling direction**

☐ left ☒ right

**2 Loop shape and loop position**

Loop shape: 1/1 German loop

Loops offset to one another by 270,0 ± 54,0 degrees (in the dir. of the right helix)

**3 Excursion sh** mm

**4 Stress cyc. end. N**

**5 Stress cycle frequ. n** /

**6 Application temp.** °C

**7 Material**: 1.4310

**8 Wire or rod surface**

☒ drawn ☐ rolled ☐ metal-cut

**9 Surface treatment**

**10 Tolerances to DIN 2097**

| Grade | De,Di,D | L0 | F0-Fn | Loops | Wire diameter d to DIN 2076 |
|---|---|---|---|---|---|
| 1 | ☐ | ☐ | ☐ | ☐ | |
| **2** | ☒ | ☒ | ☒ | ☒ | |
| 3 | ☐ | ☐ | ☐ | ☐ | ☒ |

**11 Production compensation through**

| | |
|---|---|
| A spring resistance, associated length of tensed spring and L0 | F0, D ☒ |
| A spring resistance, associated length of tensed spring and F0 | L0, n, d ☐<br>L0, D ☐ |
| Two spring resistances and associated length of tensed spring | L0, n, d ☐<br>F0,D ☐ |

**Prices**

| Mennyiségi lépcsk | Egységár (EUR) |
|---|---|
| 1 | 8,0100 € |
| 2 | 5,0500 € |
| 3 | 4,1300 € |
| 7 | 3,5200 € |
| 17 | 2,3100 € |
| 37 | 1,8700 € |
| 75 | 1,7500 € |
| 125 | 1,6844 € |
| 175 | 1,6515 € |
| 250 | 1,5912 € |
| 350 | 1,5447 € |
| 450 | 1,4110 € |

**Remarks**

Származási ország: DE | Vámtarifaszám: 73202085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