

|    |    |                               |
|----|----|-------------------------------|
| F0 | N  | Initial tension               |
| F1 | N  | Prestressed spring force      |
| F2 | N  | Loaded spring force           |
| Fn | N  | Maximum spring force          |
| s1 | mm | Prestressed spring deflection |
| s2 | mm | Loaded spring deflection      |
| sn | mm | Maximum spring deflection     |

Chart values:

(0):  $s_0 = 0,00$  mm;  $F_0 = 14,71$  N  
(x):  $s_n = 41,00$  mm;  $F_n = 176,10$  N

**Spring characteristic (force-displacement diagram)**