

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; $F_0 = 9,81$ N

(x): $s_n = 358,62$ mm; $F_n = 148,00$ N

Spring characteristic (force-displacement diagram)

