

F_0 N Initial tension
 F_1 N Prestressed spring force
 F_2 N Loaded spring force
 F_n N Maximum spring force
 s_1 mm Prestressed spring deflection
 s_2 mm Loaded spring deflection
 s_n mm Maximum spring deflection

Chart values:

(0): $s_0 = 0,00$ mm; $F_0 = 3,10$ N

(x): $s_n = 144,93$ mm; $F_n = 35,06$ N

Spring characteristic (force-displacement diagram)

