

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;  $F_0 = 18,77$  N  
 (x):  $s_n = 97,97$  mm;  $F_n = 290,50$  N

### Spring characteristic (force-displacement diagram)

