

$F_0$  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;  $F_0 = 0,18$  N

(x):  $s_n = 22,91$  mm;  $F_n = 3,43$  N

### Spring characteristic (force-displacement diagram)

