

- 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;  $F_0 = 120,00$  N

(x):  $s_n = 174,85$  mm;  $F_n = 1331,00$  N

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

