



Model 型号	Outside Diameter 外径 (mm)	Inside Diameter 内径 (mm)	Free length 自由长 (mm)	Spring Constant 弹簧常数		Free length × 40.0% 1,000,000 cycles 自由长 × 40.0% 100万次		Free length × 45.0% 500,000 cycles 自由长 × 45.0% 50万次		Free length × 50.0% 300,000 cycles 自由长 × 50.0% 30万次	
				(N/mm)	(kgf/mm)	Deflection 压缩量 (mm)	Load 负荷 N [kgf]	Deflection 压缩量 (mm)	Load 负荷 N [kgf]	Deflection 压缩量 (mm)	Load 负荷 N [kgf]
TY 14.5 × 20	14.5	9.0	20	18.52	{ 1.89 }	8.0	147.1 {15.0}	9.0	166.7 {17.0}	10.0	186.3 {19.0}
25			25	14.82	{ 1.51 }	10.0		11.3		12.5	
30			30	12.35	{ 1.26 }	12.0		13.5		15.0	
35			35	10.58	{ 1.08 }	14.0		15.8		17.5	
40			40	9.26	{ 0.94 }	16.0		18.0		20.0	
45			45	8.23	{ 0.84 }	18.0		20.3		22.5	
50			50	7.41	{ 0.76 }	20.0		22.5		25.0	
55			55	6.74	{ 0.69 }	22.0		24.8		27.5	
60			60	6.17	{ 0.63 }	24.0		27.0		30.0	
65			65	5.70	{ 0.58 }	26.0		29.3		32.5	
70			70	5.29	{ 0.54 }	28.0		31.5		35.0	
75			75	4.94	{ 0.50 }	30.0		33.8		37.5	
80			80	4.63	{ 0.47 }	32.0		36.0		40.0	
90			90	4.12	{ 0.42 }	36.0		40.5		45.0	
100			100	3.70	{ 0.38 }	40.0		45.0		50.0	
125	125	2.96	{ 0.30 }	50.0	56.3	62.5					
TY 17 × 25	17.0	11.0	25	21.80	{ 2.22 }	10.0	215.7 {22.0}	11.3	245.2 {25.0}	12.5	274.6 {28.0}
30			30	18.16	{ 1.85 }	12.0		13.5		15.0	
35			35	15.57	{ 1.59 }	14.0		15.8		17.5	
40			40	13.62	{ 1.39 }	16.0		18.0		20.0	
45			45	12.11	{ 1.23 }	18.0		20.3		22.5	
50			50	10.90	{ 1.11 }	20.0		22.5		25.0	
55			55	9.91	{ 1.01 }	22.0		24.8		27.5	
60			60	9.08	{ 0.93 }	24.0		27.0		30.0	
65			65	8.38	{ 0.85 }	26.0		29.3		32.5	
70			70	7.78	{ 0.79 }	28.0		31.5		35.0	
75			75	7.27	{ 0.74 }	30.0		33.8		37.5	
80			80	6.81	{ 0.69 }	32.0		36.0		40.0	
90			90	6.05	{ 0.62 }	36.0		40.5		45.0	
100			100	5.45	{ 0.56 }	40.0		45.0		50.0	
125			125	4.36	{ 0.44 }	50.0		56.3		62.5	
150	150	3.63	{ 0.37 }	60.0	67.5	75.0					

1N = 0.102 Kgf  
1N(牛顿) = 0.102 Kgf(千克)

Load (N) = Spring Constant (N/mm) × Deflection (mm)  
负荷(N) = 弹簧常数(N/mm) × 压缩量(mm)