

矩形弹簧

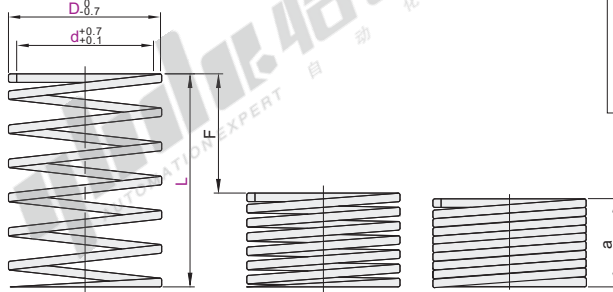
轻载荷弹簧(蓝色)

代码	类型	材质		最大压缩量
		国标	相当	
YSWL	轻载荷型	经济型	60Si2CrA	SWOSC-V
J-YSWL		精密型	SWOSC-V	SWOSC-V

□ L尺寸公差

L	公差
50以下	±0.5
50以上	±1.0%

- ① 载荷(±10%)
- ② 直角度(2°以下)
- ③ 载荷(N)=定数(N/mm)×压缩量
- ④ 耐热温度为150°C
- ⑤ 1kgf=9.81N
- ⑥ 压紧长度为参考值,制作时会
有少许差异。
- ⑦ 弹簧颜色和圈数可能会因生产
批次不同而异,但产品性能均
符合标准,不影响使用!



视角标准: 第一视角

型号		内径	弹簧常数	a	使用方法																				
代码	D L				压紧长度	Fmm	负载N	Fmm	负载N	Fmm	负载N														
YSWL	6	3	13.10	8.6	6.0	5.4	5.4	4.8																	
						7.80	14.4	10.0	9.0	9.0	8.0														
						6.50	17.2	12.0	78	10.8	71	9.6	63												
						5.60	20.1	14.0		12.6		11.2													
						4.90	23.0	16.0		14.4		12.8													
						3.90	19.1	20.0		18.0		16.0													
						24.53	5.4	4.0		3.6		3.2													
						16.35	8.1	6.0		5.4		4.8													
						12.26	10.8	8.0		7.2		6.4													
						9.81	13.5	10.0		9.0		8.0													
8.18	16.2	12.0		10.8		9.6																			
7.01	18.9	14.0		12.6		11.2																			
6.13	21.6	16.0		14.4		12.8																			
5.45	24.3	18.0		16.2		14.4																			
4.91	27.0	20.0	98.1	18.0	88.3	16.0	78.5																		
4.46	29.7	22.0		19.8		17.6																			
4.09	32.4	24.0		21.6		19.2																			
3.77	37.5	26.0		23.4		20.8																			
3.50	40.2	28.0		25.2		22.4																			
3.30	43.2	30.0		27.0		24.0																			
3.07	45.9	32.0		28.8		25.6																			
2.72	35.1	36.0		32.4		28.8																			
2.45	39.5	40.0		36.0		32.0																			
34.30	5.4	4.0	137	3.6	124	3.2	110																		
22.90	8.1	6.0		5.4		4.8																			
17.71	10.8	8.0		7.2		6.4																			
14.17	13.5	10.0		9.0		8.0																			
11.81	16.2	12.0		10.8		9.6																			
10.12	18.9	14.0		12.6		11.2																			
8.85	21.6	16.0		14.4		12.8																			
7.87	24.3	18.0		16.2		14.4																			
7.08	27.0	20.0	142.2	18.0	127.5	16.0	112.8																		
6.44	29.7	22.0		19.8		17.6																			
5.90	32.4	24.0		21.6		19.2																			
5.45	35.1	26.0		23.4		20.8																			
5.06	37.8	28.0		25.2		22.4																			
4.72	40.5	30.0		27.0		24.0																			
4.72	43.2	32.0		28.8		25.6																			
3.94	48.6	36.0		32.4		28.8																			
3.42	38.5	40.0	137	36.0	124	32.0	110																		
34.30	8.1	6.0		5.4		4.8																			
25.88	10.8	8.0		7.2		6.4																			
20.70	13.5	10.0		9.0		8.0																			
17.25	16.2	12.0		10.8		9.6																			
14.79	18.9	14.0		12.6		11.2																			
12.94	21.6	16.0		14.4		12.8																			
11.50	24.3	18.0		16.2		14.4																			
10.35	27.0	20.0	206.8	18.0	186.3	16.0	166.7																		
9.41	29.7	22.0		19.8		17.6																			
8.63	32.4	24.0		21.6		19.2																			
7.96	35.1	26.0		23.4		20.8																			
7.39	37.8	28.0		25.2		22.4																			
6.90	40.5	30.0		27.0		24.0																			
6.47	43.2	32.0		28.8		25.6																			
5.75	48.6	36.0		32.4		28.8																			
5.15	38.5	40.0		36.0		32.0																			
34.30	10.8	8.0		7.2		6.4																			
27.22	13.5	10.0		9.0		8.0																			
22.69	16.2	12.0		10.8		9.6																			
19.44	18.9	14.0		12.6		11.2																			
17.01	21.6	16.0		14.4		12.8																			
15.12	24.3	18.0		16.2		14.4																			
13.61	27.0	20.0		18.0		16.0																			
12.37	29.7	22.0		19.8		17.6																			

请按照图示订货
 未标价(元)
 交货期 3

代码	型号	内径
YSWL	J-YSWL	8 15

YSWL-D8-110-d4

数量	1-9	10~
价格	100%	另行报价

① 带*号仅适用经济型。

型号		内径 d	弹簧常数 N/mm	a 压紧长度 mm	使用方法			30万次F=L×40%		50万次F=L×36%		100万次F=L×32%			
代码	D				L	Fmm	负载N	Fmm	负载N	Fmm	负载N	Fmm	负载N	Fmm	负载N
22	60	11	20*	82.13	7.5	8.0		7.2		6.4					
			25	65.33	13.5	10.0		9.0		8.0					
			30	54.44	16.2	12.0		10.8		9.6					
			35	46.67	18.9	14.0		12.6		11.2					
			40	40.83	21.6	16.0		14.4		12.8					
			45	36.30	24.3	18.0		16.2		14.4					
			50	32.67	27.0	20.0		18.0		16.0					
			55	29.70	29.7	22.0		19.8		17.6					
			60*	27.22	32.4	24.0	657	21.6	19.2	588	19.2	530			
			65	25.13	35.1	26.0		23.4		20.8					
			70	23.33	37.8	28.0		25.2		22.4					
			75	21.78	40.5	30.0		27.0		24.0					
			80	20.42	43.2	32.0		28.8		25.6					
			90	18.15	48.6	36.0		32.4		28.8					
			100	16.33	54.0	40.0		36.0		32.4					
125	13.07	67.5	50.0		45.0		40.0								
150	10.89	81.0	60.0		54.0		48.0								
20*	103	7.5	8.0		7.2		6.4								
25	82.78	13.5	10.0		9.0		8.0								
30	68.98	16.2	12.0		10.8		9.6								
35	59.13	18.9	14.0		12.6		11.2								
40	51.74	21.6	16.0		14.4		12.8								
45	45.99	24.3	18.0		16.2		14.4								
50	41.39	27.0	20.0		18.0		16.0								
55	37.63	29.7	22.0		19.8		17.6								
60	34.49	32.4	24.0		21.6		19.2								
65	31.84	35.1	26.0	824	23.4	745	20.8	657							
70	29.56	37.8	28.0		25.2		22.4								
75	27.59	40.5	30.0		27.0		24.0								
80	25.87	43.2	32.0		28.8		25.6								
90	22.99	48.6	36.0		32.4		28.8								
100	20.69	54.0	40.0		36.0		32.4								
125	16.56	67.5	50.0		45.0		40.0								
150	13.80	81.0	60.0		54.0		48.0								
175	11.83	94.5	70.0		63.0		56.0								
200	10.35	108.0	80.0		72.0		64.0								
25	98.11	13.5	10.0		9.0		8.0								
30	81.76	16.2	12.0		10.8		9.6								
35	70.08	18.9	14.0		12.6		11.2								
40	61.32	21.6	16.0		14.4		12.8								
45	54.51	24.3	18.0		16.2		14.4								
50	49.06	27.0	20.0		18.0		16.0								
55	44.60	29.7	22.0		19.8		17.6								
60	40.88	32.4	24.0		21.6		19.2								
65	37.74	35.1	26.0	981	23.4	883	20.8	785							
70	35.04	37.8	28.0		25.2		22.4								
75	32.70	40.5	30.0		27.0		24.0								
80	30.66	43.2	32.0		28.8		25.6								
90	27.25	48.6	36.0		32.4		28.8								
100	24.53	54.0	40.0		36.0		32.4								
125	19.62	67.5	50.0		45.0		40.0								
150	16.35	81.0	60.0		54.0		48.0								
175	14.02	94.5	70.0		63.0		56.0								
200	12.26	108.0	80.0		72.0		64.0								
25	118.78	13.5	10.0		9.0		8.0								
30	98.98	16.2	12.0		10.8		9.6								
35	84.84	18.9	14.0		12.6		11.2								
40	74.24	21.6	16.0		14.4		12.8								
45	65.99	24.3	18.0		16.2		14.4								
50	59.39	27.0	20.0		18.0		16.0								
55	53.99	29.7	22.0		19.8		17.6								
60	49.49	32.4	24.0		21.6		19.2								
65	45.68	35.1	26.0	1187	23.4	1069	20.8	951							
70	42.42	37.8	28.0		25.2		22.4								
75	39.59	40.5	30.0		27.0		24.0								
80	37.12	43.2	32.0		28.8		25.6								
90	32.99	48.6	36.0		32.4		28.8								
100	29.69	54.0	40.0		36.0		32.4								
125	23.76	67.5	50.0		45.0		40.0								
150	19.80	81.0	60.0		54.0		48.0								
175	16.97	94.5	70.0		63.0		56.0								
200	14.85	108.0	80.0		72.0		64.0								
30*	65.41	16.2	12.0		10.8		9.6								
35*	56.06	18.9	14.0		12.6		11.2								
40*	49.06	21.6	16.0		14.4		12.8								
45*	43.60	24.3	18.0		16.2		14.4								
50*	39.24	27.0	20.0		18.0		16.0								
55*	35.68	29.7	22.0		19.8		17.6								
60*	32.70	32.4	24.0		21.6		19.2								
65*	30.19	35.1	26.0	785	23.4	706	20.8	627							
70*	28.03	37.8	28.0		25.2		22.4								
75*	26.16	40.5	30.0		27.0		24.0								
80*	24.53	43.2	32.0		28.8		25.6								
90*	21.80	48.6	36.0		32.4		28.8								
100*	19.62	54.0	40.0		36.0		32.4								
125*	15.70	67.5	50.0		45.0		40.0								
150*	13.80	81.0	60.0		54.0		48.0								
40	101.46	21.6	16.0		14.4		12.8								
45	90.19	24.3	18.0		16.2		14.4								
50	81.17	27.0	20.0		18.0		16.0								
55	73.79	29.7	22.0		19.8		17.6								
60	67.64	32.4	24.0		21.6		19.2								
65	62.44	35.1	26.0	1617	23.4	1461	20.8	1295							
70	57.98	37.8	28.0		25.2		22.4								
75	54.11	40.5	30.0		27.0		24.0								
80	50.73	43.2	32.0		28.8		25.6								
90	45.09	48.6	36.0		32.4		28.8								
100	40.58	54.0	40.0		36.0		32.4								
125	32.47	67.5	50.0		45.0		40.0								
150	27.07	81.0	60.0		54.0		48.0								
175	22.47	94.5	70.0		63.0		56.0								
200	18.47	108.0	80.0		72.0		64.0								
25	172.15	13.5	10.0		9.0		8.0								
30	147.47	16.2	12.0		10.8		9.6								
35	128.98	18.9	14.0		12.6		11.2								
40	112.72	21.6	16.0		14.4		12.8								
45	101.67	24.3	18.0		16.2		14.4								
50	92.80	27.0	20.0		18.0		16.0								
55	85.11	29.7	22.0		19.8		17.6								
60	78.59	32.4	24.0		21.6		19.2								
65	73.24	35.1	26.0		23.4		20.8								
70	68.94	37.8	28.0		25.2		22.4								
75	65.67	40.5	30.0		27.0		24.0								
80	63.42	43.2	32.0		28.8		25.6								
90	59.17	48.6	36.0		32.4		28.8								
100	55.89	54.0	40.0		36.0		32.4								
125	45.51	67.5	50.0		45.0		40.0								
150	37.93	81.0	60.0		54.0		48.0								
175	32.47	94													