

弹簧尺寸价格表

单位: 元/条

规格(modle) 外径×内径×长度 D _H ×D _d ×L ₀	价格	刚度	压缩量 deflection 16% 1.000.000		压缩量 deflection 18% 500.000		压缩量 deflection 20% 300.000	
			φ/mm	Kgf{N}	φ/mm	Kgf{N}	φ/mm	Kgf{N}
SB14×7×25	9.6	15.00	4.0	60 {588}	4.5	68 {667}	5.0	75 {736}
30	10.5	12.50	4.8					
35	11.2	10.72	5.6					
40	12.2	9.38	6.4					
45	13.2	8.34	7.2					
50	14.5	7.50	8.0					
55	15.5	6.82	8.8					
60	16.8	6.25	9.6					
65	18.0	5.77	10.4					
70	19.2	5.36	11.2					
75	20.2	5.00	12.0					
80	21.8	4.69	12.8					
90	24.2	4.17	14.4					
SB16×8×25	10.5	20.00	4.0					
30	11.5	16.67	4.8					
35	12.5	14.29	5.6					
40	13.5	12.50	6.4					
45	14.6	11.11	7.2					
50	15.8	10.00	8.0					
55	17.0	9.09	8.8					
60	18.0	8.34	9.6					
65	19.0	7.69	10.4					
70	20.2	7.14	11.2					
75	21.5	6.67	12.0					
80	22.6	6.25	12.8					
90	24.6	5.56	14.4					
100	26.6	5.00	16.0					
SB18×9×25	11.8	25.00	4.0					
30	12.8	20.84	4.8					
35	14.0	17.86	5.6					
40	15.2	15.63	6.4					
45	16.5	13.89	7.2					
50	17.6	12.50	8.0					
55	18.8	11.37	8.8					
60	19.8	10.84	9.6					
65	21.0	9.62	10.4					
70	22.2	8.93	11.2					
75	23.5	8.34	12.0					
80	24.6	7.82	12.8					
90	27.0	6.95	14.4					
100	29.5	6.26	16.0					
SB20×11×25	12.8	32.00	4.0					
30	14.0	26.67	4.8					
35	15.2	22.86	5.6					
40	16.6	20.00	6.4					
45	17.6	17.78	7.2					
50	18.8	16.00	8.0					
55	19.8	14.55	8.8					
60	21.0	13.33	9.6					
65	22.2	12.31	10.4					
70	23.5	11.43	11.2					
75	24.2	10.67	12.0					
80	25.0	10.00	12.8					
90	28.6	8.89	14.4					
100	32.6	8.00	16.0					
125	38.6	6.40	20.0					
150	44.6	5.33	24.0					
SB22×11×25	14.0	39.00	4.0					
30	15.2	32.50	4.8					
35	16.6	27.86	5.6					
40	17.6	24.38	6.4					

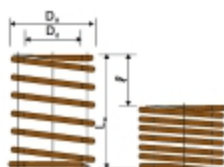
1N=0.102kgf

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			φ/mm	Kgf{N}	φ/mm	Kgf{N}	φ/mm	Kgf{N}
SB22×11×45	18.8	21.67	7.2	156 {1530}	8.1	176 {1762}	9.0	195 {1912}
50	19.8	19.50	8.0					
55	21.0	17.73	8.8					
60	22.2	16.25	9.6					
65	23.5	15.00	10.4					
70	24.6	13.93	11.2					
75	25.8	13.00	12.0					
80	27.0	12.19	12.8					
90	30.6	10.83	14.4					
100	34.2	9.75	16.0					
125	43.0	7.80	20.0					
150	51.5	6.50	24.0					
SB25×12.5×25	15.8	49.00	4.0					
30	16.8	40.80	4.8					
35	17.8	35.00	5.6					
40	18.8	30.60	6.4					
45	20.2	27.20	7.2					
50	21.4	24.50	8.0					
55	22.6	22.30	8.8					
60	23.8	20.40	9.6					
65	25.8	18.80	10.4					
70	27.8	17.50	11.2					
75	29.8	16.30	12.0					
80	31.8	15.30	12.8					
90	35.8	13.60	14.4					
100	39.8	12.30	16.0					
125	49.8	9.80	20.0					
150	59.6	6.50	24.0					
175	69.5	8.17	28.0					
SB27×13.5×25	17.0	58.00	4.0					
30	18.0	48.33	4.8					
35	19.0	41.43	5.6					
40	20.2	36.25	6.4					
45	21.4	32.22	7.2					
50	22.6	29.00	8.0					
55	23.8	26.36	8.8					
60	25.8	24.17	9.6					
65	27.8	22.31	10.4					
70	29.8	20.71	11.2					
75	31.8	19.33	12.0					
80	33.8	18.13	12.8					
90	38.2	16.11	14.4					
100	42.2	14.50	16.0					
125	52.5	11.60	20.0					
150	64.6	9.67	24.0					
175	75.0	8.28	28.0					
SB30×15×25	18.6	72.00	4.0					
30	20.0	60.00	4.8					
35	21.8	51.43	5.6					
40	23.8	45.00	6.4					
45	25.9	40.00	7.2					
50	27.8	36.00	8.0					
55	29.8	32.72	8.8					
60	31.8	30.00	9.6					
65	33.8	27.69	10.4					
70	36.6	25.71	11.2					
75	39.5	24.00	12.0					
80	42.2	22.50	12.8					
90	46.6	20.00	14.4					
100	51.2	18.00	16.0					
125	64.3	14.40	20.0					

1N=0.102kgf



注文方法:SB・8×15=100
代号 规格 自由长, 圈数

公制(日本)标准模具弹簧

Metric(japanese)standards molding springs

SB极重荷重(茶色)SB Lighter load(tea)

荷重计算方式

弹簧刚度kgf/mm×φ(压缩量)=kgf(荷重) 例:代号SB6×15(30万回时)

刚度kgf/mm×φ(压缩量)=kgf(荷重)
10.8×3.0=33

SB弹簧使用回数与压缩比的关系

种类\使用回数	100万回	50万回	30万回	最大压缩量
SB	自由长L ₀ 的14%	自由长L ₀ 的18%	自由长L ₀ 的20%	自由长L ₀ 的24%

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mm	RMB	kgf/mm	φ/mm	φ/mm	φ/mm
SB6×3×10	6.5	9.20	1.6	1.8	2.0
15	6.5	6.00	2.4	2.7	3.0
20	7.0	4.50	3.2	3.6	4.0
25	7.5	3.60	4.0	4.5	5.0
30	8.0	3.00	4.8	5.4	6.0
35	8.5	2.57	5.6	6.3	7.0
40	9.0	2.25	6.4	7.2	8.0
45	9.5	2.00	7.2	8.1	9.0
50	11.0	1.80	8.0	9.0	10.0
55	11.5	1.64	8.8	9.9	11.0
60	12.0	1.50	9.6	10.8	12.0
SB8×4×10	5.8	16.94	1.6	1.8	2.0
15	5.8	10.80	2.4	2.7	3.0
20	6.3	8.13	3.2	3.6	4.0
25	6.8	6.50	4.0	4.5	5.0
30	7.3	5.42	4.8	5.4	6.0
35	7.8	4.64	5.6	6.3	7.0
40	8.3	4.10	6.4	7.2	8.0
45	8.8	3.61	7.2	8.1	9.0
50	9.3	3.33	8.0	9.0	10.0
55	9.8	3.00	8.8	9.9	11.0
60	10.3	2.75	9.6	10.8	12.0
SB10×5×20	6.4	11.25	3.2	3.6	4.0
25	7.0	9.00	4.0	4.5	5.0
30	7.4	7.50	4.8	5.4	6.0
35	8.0	6.43	5.6	6.3	7.0
40	8.6	5.63	6.4	7.2	8.0
45	9.2	5.00	7.2	8.1	9.0
50	9.8	4.50	8.0	9.0	10.0
55	10.4	4.09	8.8	9.9	11.0
60	11.0	3.75	9.6	10.8	12.0
65	11.6	3.47	10.4	11.7	13.0
70	12.2	3.21	11.2	12.6	14.0
75	12.8	3.00	12.0	13.5	15.0
80	13.4	2.82	12.8	14.4	16.0
SB12×6×20	6.8	14.50	3.2	3.6	4.0
25	7.4	11.60	4.0	4.5	5.0
30	8.0	9.67	4.8	5.4	6.0
35	8.6	8.29	5.6	6.3	7.0
40	9.2	7.25	6.4	7.2	8.0
45	9.8	6.44	7.2	8.1	9.0
50	10.5	5.80	8.0	9.0	10.0
55	11.5	5.27	8.8	9.9	11.0
60	12.5	4.83	9.6	10.8	12.0
65	13.5	4.44	10.4	11.7	13.0
70	14.5	4.13	11.2	12.6	14.0
75	15.5	3.85	12.0	13.5	15.0
80	16.5	3.61	12.8	14.4	16.0

1N=0.102kgf

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规格 (model) 外径×内径×长度 D _o ×D _i ×L _s	价格	刚度	 压缩量 deflection 16% 1,000.000	 压缩量 deflection 18% 500.000	 压缩量 deflection 20% 300.000				
mm	RMB	kgf/mm	ℓ/mm	ℓ/mm	ℓ/mm				
SB30×15×150	76.3	12.00	24.0	288 (2824)	27.0	324 (3177)	30.0	360 (3530)	
	175	89.2	10.28		28.0		31.5		35.0
	200	103.0	9.00		32.0		36.0		40.0
SB35×17.5×40	26.5	61.25	6.4	392 (3844)	7.2	441 (4325)	8.0	490 (4805)	
	45	28.3	54.44		7.2		8.1		9.0
	50	30.2	49.00		8.0		9.0		10.0
	55	32.3	44.54		8.8		9.9		11.0
	60	36.0	40.83		9.6		10.8		12.0
	65	40.0	37.69		10.4		11.7		13.0
	70	44.0	35.00		11.2		12.6		14.0
	75	48.0	32.67		12.0		13.5		15.0
	80	54.5	30.62		12.8		14.4		16.0
	90	62.0	27.22		14.4		16.2		18.0
	100	70.3	24.50		16.0		18.0		20.0
	125	85.2	19.60		20.0		22.5		25.0
	150	99.0	16.33		24.0		27.0		30.0
	175	113.0	14.00		28.0		31.5		35.0
	200	125.0	12.50		32.0		36.0		40.0
SB40×20×40	37.5	80.00	6.4	512 (5021)	7.2	576 (5649)	8.0	640 (6276)	
	50	45.0	64.00		8.0		9.0		10.0
	60	54.2	53.33		9.6		10.8		12.0
	70	64.3	45.71		11.2		12.6		14.0
	80	74.6	40.00		12.8		14.4		16.0
	90	83.2	35.55		14.4		16.2		18.0
	100	93.2	32.00		16.0		18.0		20.0
	125	111.0	25.60		20.0		22.5		25.0
	150	125.0	21.33		24.0		27.0		30.0
	175	149.0	18.28		28.0		31.5		35.0
	200	165.0	16.00		32.0		36.0		40.0
	250	213.0	12.80		40.0		45.0		50.0
SB50×25×50	56.6	100.00	8.0	800 (7845)	9.0	900 (8826)	10.0	1000 (9807)	
	60	68.0	83.33		9.6		10.8		12.0
	70	79.5	71.42		11.2		12.6		14.0
	80	91.0	62.50		12.8		14.4		16.0
	90	103.0	55.55		14.4		16.2		18.0
	100	115.0	50.00		16.0		18.0		20.0
	125	141.0	40.00		20.0		22.5		25.0
	150	165.0	33.33		24.0		27.0		30.0
	175	189.0	28.57		28.0		31.5		35.0
	200	213.0	25.00		32.0		36.0		40.0
	250	273.0	20.00		40.0		45.0		50.0
	300	333.0	16.66		48.0		54.0		60.0
SB60×30×60	93.0	120.00	9.6	1152 (11297)	10.8	1296 (12709)	12.0	1440 (14122)	
	70	119.0	102.86		11.2		12.6		14.0
	80	145.0	90.00		12.8		14.4		16.0
	90	173.0	80.00		14.4		16.2		18.0
	100	197.0	72.00		16.0		18.0		20.0
	125	249.0	57.60		20.0		22.5		25.0
	150	309.0	48.00		24.0		27.0		30.0
	175	369.0	41.14		28.0		31.5		35.0
	200	420.0	36.00		32.0		36.0		40.0
	250	517.0	28.80		40.0		45.0		50.0
300	617.0	24.00	48.0	54.0	60.0				

1N=0.102kgf