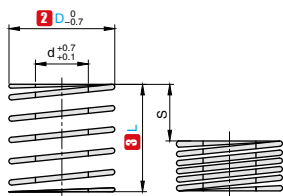


## 中轻载荷型



载荷  $\pm 10\%$   
垂直度  $2^\circ$  以下  
自由长度L 50以下  $\pm 0.5\text{mm}$   
55以上  $\pm 1\%$

$\Delta \varnothing 70$ 的D公差为  $-0.10$

旋向：右旋

**DSJPM**  
中轻载荷型

订购编号示例

1 代号 - 2 D - 3 L  
DSJPM - 8 - 50

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L <sub>1</sub> (mm)		S=L×25.6%		S=L×28.8%		S=L×32%	
					S	载荷 N (kgf)	S	载荷 N (kgf)	S	载荷 N (kgf)		
											使用次数	100 万次
DSJPM	6	3	79 (8.0)	15	20.4 (2.08)	9.8	3.8	4.3	4.8	5.8	6.4	8
				20	15.3 (1.56)	13.1	5.1	5.8	6.4	8	9.8	10.2
				25	12.3 (1.25)	16.4	6.4	7.2	8	9.8	10.2	11.2
				30	10.2 (1.04)	19.6	7.7	8.6	9.6	10.1	11.2	12.8
				35	8.8 (0.89)	22.9	9	10.1	11.5	12.8	14.4	16
				40	7.7 (0.78)	26.2	10.2	11.5	12.8	14.4	16	17.6
	8	4	110 (11)	10	42.9 (4.37)	6.6	2.6	2.9	3.2	4.3	4.8	5.8
				15	28.6 (2.91)	9.4	3.8	4.3	4.8	5.8	6.4	7.2
				20	21.5 (2.18)	12.5	5.1	5.8	6.4	7.2	8	8.6
				25	17.2 (1.75)	15.7	6.4	7.2	8	8.6	9.6	10.1
				30	14.3 (1.46)	18.8	7.7	8.6	9.6	10.1	11.2	12.8
				35	12.2 (1.25)	21.9	9	10.1	11.2	12.8	14.4	16
	10	5	157 (16)	10	61.3 (6.25)	6.6	2.6	2.9	3.2	4.3	4.8	5.8
				15	40.9 (4.17)	9.8	3.8	4.3	4.8	5.8	6.4	7.2
				20	30.6 (3.13)	12.5	5.1	5.8	6.4	7.2	8	8.6
				25	24.5 (2.50)	15.7	6.4	7.2	8	8.6	9.6	10.1
				30	20.4 (2.08)	18.8	7.7	8.6	9.6	10.1	11.2	12.8
				35	17.5 (1.79)	21.9	9	10.1	11.2	12.8	14.4	16
	12	6	227 (23)	10	59.2 (6.04)	9.8	3.8	4.3	4.8	5.8	6.4	7.2
				15	44.4 (4.53)	12.5	5.1	5.8	6.4	7.2	8	8.6
				20	35.5 (3.63)	15.7	6.4	7.2	8	8.6	9.6	10.1
				25	29.6 (3.02)	18.8	7.7	8.6	9.6	10.1	11.2	12.8
				30	25.4 (2.59)	21.9	9	10.1	11.2	12.8	14.4	16
				35	22.2 (2.27)	25	10.2	11.5	12.8	14.4	16	17.6

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L <sub>1</sub> (mm)		S=L×25.6%		S=L×28.8%		S=L×32%	
					S	载荷 N (kgf)	S	载荷 N (kgf)	S	载荷 N (kgf)		
											使用次数	100 万次
DSJPM	14	7	306 (31)	20	59.8 (6.09)	13.1	5.1	5.8	6.4	7.2	8	
				25	47.9 (4.88)	15.7	6.4	7.2	8	9.6	10.1	
				30	39.9 (4.08)	18.8	7.7	8.6	9.6	10.1	11.2	
				35	34.2 (3.48)	21.9	9	10.1	11.2	12.8	14.4	
				40	29.9 (3.05)	25	10.2	11.5	12.8	14.4	16	
				45	26.6 (2.71)	28.2	11.5	13	14.4	16	17.6	
	16	8	400 (41)	20	21.8 (2.22)	34.4	14.1	15.8	17.6	18.7	20.2	
				25	19.9 (2.03)	37.6	15.4	17.3	18.7	20.2	22.4	
				30	18.4 (1.88)	40.7	16.6	18.7	20.2	22.4	25.6	
				35	17.1 (1.74)	43.8	17.9	20.2	22.4	25.6	28.8	
				40	16.0 (1.63)	47	19.2	21.6	23	25.6	28.8	
				45	15.0 (1.52)	50.1	20.5	23	25.9	28.8	32	
	18	9	510 (52)	20	78.1 (7.97)	13.1	5.1	5.8	6.4	7.2	8	
				25	62.5 (6.38)	15.7	6.4	7.2	8	9.6	10.1	
30				52.1 (5.31)	18.8	7.7	8.6	9.6	10.1	11.2		
35				44.7 (4.55)	21.9	9	10.1	11.2	12.8	14.4		
40				39.1 (3.98)	25	10.2	11.5	12.8	14.4	16		
45				34.7 (3.54)	28.2	11.5	13	14.4	16	17.6		

## 中轻载荷型

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L1 (mm)	S=L×25.6%		S=L×28.8%		S=L×32%			
						S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)		
DSJPM	20	10	10	使用次数			100 万次		50 万次		30 万次		
				25	123 (12.5)	13.1	5.1	5.8	6.4	6.4	6.4	6.4	6.4
				30	98.0 (10.0)	15.7	6.4	7.2	8	8	8	8	8
				35	81.7 (8.33)	18.8	7.7	8.6	9.6	9.6	9.6	9.6	9.6
				40	70.0 (7.14)	21.9	9	10.1	11.2	11.2	11.2	11.2	11.2
				45	61.3 (6.25)	25	10.2	11.5	12.8	12.8	12.8	12.8	12.8
				50	54.4 (5.55)	28.2	11.5	13	14.4	14.4	14.4	14.4	14.4
				55	49.0 (5.00)	31.3	12.8	14.4	16	16	16	16	16
				60	44.5 (4.55)	34.4	14.1	15.8	17.6	17.6	17.6	17.6	17.6
				65	40.8 (4.17)	37.6	15.4	17.3	19.2	19.2	19.2	19.2	19.2
				70	37.7 (3.85)	40.7	16.6	18.7	20.8	20.8	20.8	20.8	20.8
				75	35.0 (3.57)	43.8	17.9	20.2	22.4	22.4	22.4	22.4	22.4
				80	32.7 (3.33)	47	19.2	21.6	24	24	24	24	24
				90	30.6 (3.13)	50.1	20.5	23	25.6	25.6	25.6	25.6	25.6
				100	27.2 (2.78)	56.3	23	25.9	28.8	28.8	28.8	28.8	28.8
125	24.5 (2.50)	62.6	25.6	28.8	32	32	32	32	32				
150	19.6 (2.00)	78.3	32	36	40	40	40	40	40				
175	16.3 (1.67)	93.9	38.4	43.2	48	48	48	48	48				
DSJPM	22	11	11	使用次数			100 万次		50 万次		30 万次		
				25	119 (12.1)	15.7	6.4	7.2	8	8	8	8	8
				30	99.1 (10.1)	18.8	7.7	8.6	9.6	9.6	9.6	9.6	9.6
				35	84.9 (8.66)	21.9	9	10.1	11.2	11.2	11.2	11.2	11.2
				40	74.3 (7.58)	25	10.2	11.5	12.8	12.8	12.8	12.8	12.8
				45	66.1 (6.74)	28.2	11.5	13	14.4	14.4	14.4	14.4	14.4
				50	59.5 (6.06)	31.3	12.8	14.4	16	16	16	16	16
				55	54.0 (5.51)	34.4	14.1	15.8	17.6	17.6	17.6	17.6	17.6
				60	49.5 (5.05)	37.6	15.4	17.3	19.2	19.2	19.2	19.2	19.2
				65	45.7 (4.66)	40.7	16.6	18.7	20.8	20.8	20.8	20.8	20.8
				70	42.5 (4.33)	43.8	17.9	20.2	22.4	22.4	22.4	22.4	22.4
				75	39.6 (4.04)	47	19.2	21.6	24	24	24	24	24
				80	37.2 (3.79)	50.1	20.5	23	25.6	25.6	25.6	25.6	25.6
				90	33.0 (3.37)	56.3	23	25.9	28.8	28.8	28.8	28.8	28.8
				100	29.7 (3.03)	62.6	25.6	28.8	32	32	32	32	32
125	23.8 (2.43)	78.3	32	36	40	40	40	40	40				
150	19.8 (2.02)	93.9	38.4	43.2	48	48	48	48	48				
DSJPM	25	12.5	12.5	使用次数			100 万次		50 万次		30 万次		
				25	153 (15.6)	15.7	6.4	7.2	8	8	8	8	8
				30	128 (13.0)	18.8	7.7	8.6	9.6	9.6	9.6	9.6	9.6
				35	109 (11.2)	21.9	9	10.1	11.2	11.2	11.2	11.2	11.2
				40	95.7 (9.77)	25	10.2	11.5	12.8	12.8	12.8	12.8	12.8
				45	85.1 (8.68)	28.2	11.5	13	14.4	14.4	14.4	14.4	14.4
				50	76.6 (7.81)	31.3	12.8	14.4	16	16	16	16	16
				55	69.6 (7.10)	34.4	14.1	15.8	17.6	17.6	17.6	17.6	17.6
				60	63.8 (6.51)	37.6	15.4	17.3	19.2	19.2	19.2	19.2	19.2
				65	58.9 (6.01)	40.7	16.6	18.7	20.8	20.8	20.8	20.8	20.8
				70	54.7 (5.58)	43.8	17.9	20.2	22.4	22.4	22.4	22.4	22.4
				75	51.0 (5.21)	47	19.2	21.6	24	24	24	24	24
				80	47.9 (4.88)	50.1	20.5	23	25.6	25.6	25.6	25.6	25.6
				90	42.5 (4.34)	56.3	23	25.9	28.8	28.8	28.8	28.8	28.8
				100	38.3 (3.91)	62.6	25.6	28.8	32	32	32	32	32
125	30.6 (3.13)	78.3	32	36	40	40	40	40	40				
150	25.5 (2.60)	93.9	38.4	43.2	48	48	48	48	48				
175	21.9 (2.23)	109.6	44.8	50.4	56	56	56	56	56				
DSJPM	27	13.5	13.5	使用次数			100 万次		50 万次		30 万次		
				25	179 (18.3)	15.7	6.4	7.2	8	8	8	8	8
				30	149 (15.2)	18.8	7.7	8.6	9.6	9.6	9.6	9.6	9.6
				35	128 (13.0)	21.9	9	10.1	11.2	11.2	11.2	11.2	11.2
				40	112 (11.4)	25	10.2	11.5	12.8	12.8	12.8	12.8	12.8
				45	99.4 (10.1)	28.2	11.5	13	14.4	14.4	14.4	14.4	14.4
				50	89.4 (9.13)	31.3	12.8	14.4	16	16	16	16	16
				55	81.3 (8.30)	34.4	14.1	15.8	17.6	17.6	17.6	17.6	17.6
				60	74.5 (7.60)	37.6	15.4	17.3	19.2	19.2	19.2	19.2	19.2
				65	68.8 (7.02)	40.7	16.6	18.7	20.8	20.8	20.8	20.8	20.8
				70	63.9 (6.52)	43.8	17.9	20.2	22.4	22.4	22.4	22.4	22.4
				75	59.6 (6.08)	47	19.2	21.6	24	24	24	24	24
				80	55.9 (5.70)	50.1	20.5	23	25.6	25.6	25.6	25.6	25.6
				90	49.7 (5.07)	56.3	23	25.9	28.8	28.8	28.8	28.8	28.8
				100	44.7 (4.56)	62.6	25.6	28.8	32	32	32	32	32
125	35.8 (3.65)	78.3	32	36	40	40	40	40	40				
150	29.8 (3.04)	93.9	38.4	43.2	48	48	48	48	48				
175	25.6 (2.61)	109.6	44.8	50.4	56	56	56	56	56				

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L1 (mm)	S=L×25.6%		S=L×28.8%		S=L×32%							
						S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)						
DSJPM	30	15	15	使用次数			100 万次		50 万次		30 万次						
				25	221 (22.5)	15.7	6.4	7.2	8	8	8	8	8				
				30	184 (18.8)	18.8	7.7	8.6	9.6	9.6	9.6	9.6	9.6				
				35	158 (16.1)	21.9	9	10.1	11.2	11.2	11.2	11.2	11.2				
				40	138 (14.1)	25	10.2	11.5	12.8	12.8	12.8	12.8	12.8				
				45	123 (12.5)	28.2	11.5	13	14.4	14.4	14.4	14.4	14.4				
				50	110 (11.3)	31.3	12.8	14.4	16	16	16	16	16				
				55	100 (10.2)	34.4	14.1	15.8	17.6	17.6	17.6	17.6	17.6				
				60	91.9 (9.38)	37.6	15.4	17.3	19.2	19.2	19.2	19.2	19.2				
				65	84.9 (8.65)	40.7	16.6	18.7	20.8	20.8	20.8	20.8	20.8				
				70	78.8 (8.04)	43.8	17.9	20.2	22.4	22.4	22.4	22.4	22.4				
				75	73.5 (7.50)	47	19.2	21.6	24	24	24	24	24				
				80	69.0 (7.03)	50.1	20.5	23	25.6	25.6	25.6	25.6	25.6				
				90	61.3 (6.25)	56.3	23	25.9	28.8	28.8	28.8	28.8	28.8				
				100	55.2 (5.63)	62.6	25.6	28.8	32	32	32	32	32				
				125	44.1 (4.50)	78.3	32	36	40	40	40	40	40				
				150	36.8 (3.75)	93.9	38.4	43.2	48	48	48	48	48				
				175	31.5 (3.21)	109.6	44.8	50.4	56	56	56	56	56				
				200	27.6 (2.81)	125.2	51.2	57.6	64	64	64	64	64				
				DSJPM	35	17.5	17.5	使用次数			100 万次		50 万次		30 万次		
40	188 (19.1)	25	10.2					11.5	12.8	12.8	12.8	12.8	12.8				
45	167 (17.0)	28.2	11.5					12.9	14.4	14.4	14.4	14.4	14.4				
50	150 (15.3)	31.3	12.8					14.4	16	16	16	16	16				
55	136 (13.9)	34.4	14.1					15.8	17.6	17.6	17.6	17.6	17.6				
60	125 (12.8)	37.6	15.4					17.3	19.2	19.2	19.2	19.2	19.2				
65	115 (11.8)	40.7	16.6					18.7	20.8	20.8	20.8	20.8	20.8				
70	107 (10.9)	43.8	17.9					20.2	22.4	22.4	22.4	22.4	22.4				
75	100 (10.2)	47	19.2					21.6	24	24	24	24	24				
80	93.8 (9.57)	50.1	20.5					23	25.6	25.6	25.6	25.6	25.6				
90	83.4 (8.51)	56.3	23					25.9	28.8	28.8	28.8	28.8	28.8				
100	75.0 (7.66)	62.6	25.6					28.8	32	32	32	32	32				
125	60.0 (6.13)	78.3	32					36	40	40	40	40	40				
150	50.0 (5.10)	93.9	38.4					43.2	48	48	48	48	48				
175	42.9 (4.38)	109.6	44.8					50.4	56	56	56	56	56				
200	37.5 (3.83)	125.5	51.2					57.6	64	64	64	64	64				
DSJPM	40	20	20					使用次数			100 万次		50 万次		30 万次		
								40	245 (25.0)	25	10.2	11.5	12.8	12.8	12.8	12.8	12.8
								45	218 (22.2)	29.4	11.5	13	14.4	14.4	14.4	14.4	14.4
								50	196 (20.0)	31.3	12.8	14.4	16	16	16	16	16
				55	178 (18.2)	36	14.1	15.8	17.6	17.6	17.6	17.6	17.6				
				60	163 (16.7)	37.6	15.4										

## 中轻载荷型

1 代号	2 D	3 L	d	刚度系数 N/mm (kgf/mm)	压紧长度 L (mm)	S=L×25.6%		S=L×28.8%		S=L×32%			
						S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)	S (mm)	载荷 N (kgf)		
使用次数						100 万次	50 万次	30 万次					
DSJPM	60	30	30	60	368 (37.5)	37.6	15.4	17.3	19.2				
				70	315 (32.1)	43.8	17.9	20.2	22.4				
				80	276 (28.1)	50.1	20.5	23	25.6				
				90	245 (25.0)	56.3	23	25.9	28.8				
				100	221 (22.5)	62.6	25.6	28.8	32				
				125	176 (18.0)	78.3	32	36	40				
				150	147 (15.0)	93.9	38.4	43.2	48	6350	7056		
				175	126 (12.8)	109.6	44.8	50.4	56	648	720		
				200	110 (11.2)	125.2	51.2	57.6	64				
				225	98.0 (10.0)	141	57.6	64.8	72				
	250	88.2 (8.99)	156.5	64	72	80							
	275	80.2 (8.18)	172	70.4	79.2	88							
	300	73.5 (7.49)	187.8	76.8	86.4	96							
	350	63.0 (6.42)	228.9	89.6	100.8	112							
	70	38.5	30	30	70	372 (37.9)	45.8	17.9	20.2	22.4			
					80	325 (33.2)	52.3	20.5	23	25.6			
					90	289 (29.5)	58.9	23	25.9	28.8			
					100	260 (26.5)	65.4	25.6	28.8	32			
					125	208 (21.2)	81.8	32	36	40			
					150	174 (17.7)	98.1	38.4	43.2	48	7497	8330	
175					149 (15.2)	114.5	44.8	50.4	56	764	850		
200					130 (13.3)	130.8	51.2	57.6	64				
250					104 (10.6)	163.5	64	72	80				
300					86.8 (8.85)	196.2	76.8	86.4	96				
350	74.4 (7.58)	228.9	89.6	100.8	112								

### ■ 载荷的计算方法

载荷 = 刚度系数 × 压缩量

(国际单位)  $N = N/mm \times Smm$   
 $kgf = kgf/mm \times Smm$   
 $(kgf = N \times 0.101972)$

⚠ 压紧长度为参考值，且因生产批次不同会稍有偏差。

⚠ 弹簧颜色与圈数可能会因为生产批次不同而异，但规格均符合目录标准，请放心使用

代号	类型	材质
DSJPM	中轻载荷型	SWOSC-V 相当