

輕負荷 SV (藍色)

產品編號	外徑 mm	內徑 mm	自由長 mm	定數 Kg/mm	壓縮50%		壓縮40%		壓縮25%		產品編號	外徑 mm	內徑 mm	自由長 mm	定數 Kg/mm	壓縮50%		壓縮40%		壓縮25%			
					mm	Kg	mm	Kg	mm	Kg						mm	Kg	mm	Kg	mm	Kg		
SV10×25	10	4.5	25	1.00	12.5	12.5	10.0	10.0	6.3	6.3	SV32×38	32	15.5	38	8.86	19.0	168.3	15.2	134.7	9.5	84.2		
32			0.86	16.0	13.8	12.8	11.0	8.0	6.9	45	44			7.57	22.0	166.5	17.6	133.2	11.0	83.3			
38			0.68	19.0	12.9	15.2	10.3	9.5	6.5	50	51			6.29	25.5	160.4	20.4	128.3	12.8	80.2			
45			0.61	22.0	13.4	17.6	10.7	11.0	6.7	65	64			5.14	32.0	164.5	25.6	131.6	16.0	82.2			
50			0.50	25.5	12.8	20.4	10.2	12.8	6.4	75	76			4.29	38.0	163.0	30.4	130.4	19.0	81.5			
65			0.43	32.0	13.8	25.6	11.0	16.0	6.9	90	89			3.57	44.5	158.9	35.6	127.1	22.3	79.4			
75			0.32	38.0	12.2	30.4	9.7	19.0	6.1	100	102			3.14	51.0	160.1	40.8	128.1	25.5	80.1			
300			0.11	152.5	16.8	122.0	13.4	76.3	8.4	115	114			2.86	57.0	163.0	45.6	130.4	28.5	81.5			
SV13×25			13	7	25	1.79	12.5	22.4	10.0	17.9	6.3			11.2	125	127	2.43	63.5	154.3	50.8	123.4	31.8	77.2
32					1.64	16.0	26.2	12.8	21.0	8.0	13.1			140	140	2.29	70.0	160.3	56.0	128.2	35.0	80.2	
38	1.36	19.0			25.8	15.2	20.7	9.5	12.9	150	152	2.14	76.0	162.6	60.8	130.1	38.0	81.3					
45	1.21	22.0			26.6	17.6	21.3	11.0	13.3	175	178	1.86	89.0	165.5	71.2	132.4	44.5	82.8					
50	1.14	25.5			29.1	20.4	23.3	12.8	14.5	200	203	1.57	101.5	159.4	81.2	127.5	50.8	79.7					
65	0.93	32.0			29.8	25.6	23.8	16.0	14.9	250	254	1.29	127.0	163.8	101.6	131.1	63.5	81.9					
75	0.71	38.0			27.0	30.4	21.6	19.0	13.5	300	305	1.00	152.5	152.5	122.0	122.0	76.3	76.3					
90	0.54	44.5			24.0	35.6	19.2	22.3	12.0	SV38×50	51	8.00	25.5	204.0	20.4	163.2	12.8	102.0					
300	0.14	152.5			21.4	122.0	17.1	76.3	10.7	65	64	6.57	32.0	210.2	25.6	168.2	16.0	105.1					
SV16×25	16	8.5			25	2.34	12.5	29.3	10.0	23.4	6.3	14.6	75	76	6.00	38.0	228.0	30.4	182.4	19.0	114.0		
32			2.29	16.0	36.6	12.8	29.3	8.0	18.3	90	89	4.71	44.5	209.6	35.6	167.7	22.3	104.8					
38			1.93	19.0	36.7	15.2	29.3	9.5	18.3	100	102	3.86	51.0	196.9	40.8	157.5	25.5	98.4					
45			1.71	22.0	37.6	17.6	30.1	11.0	18.8	115	114	3.71	57.0	211.5	45.6	169.2	28.5	105.7					
50			1.57	25.5	40.0	20.4	32.0	12.8	20.0	125	127	3.57	63.5	226.7	50.8	181.4	31.8	113.3					
65			1.07	32.0	34.2	25.6	27.4	16.0	17.1	140	140	3.00	70.0	210.0	56.0	168.0	35.0	105.0					
75			1.00	38.0	38.0	30.4	30.4	19.0	19.0	150	152	2.57	76.0	195.3	60.8	156.3	38.0	97.7					
90			0.86	44.5	38.3	35.6	30.6	22.3	19.1	175	178	2.43	89.0	216.3	71.2	173.0	44.5	108.1					
100			0.79	51.0	40.3	40.8	32.2	25.5	20.1	200	203	2.29	101.5	232.4	81.2	185.9	50.8	116.2					
300			0.25	152.5	38.1	122.0	30.5	76.3	19.1	250	254	1.57	127.0	199.4	101.6	159.5	63.5	99.7					
SV19×25	19	9.5	25	5.57	12.5	69.6	10.0	55.7	6.3	34.8	300	305	1.43	152.5	218.1	122.0	174.5	76.3	109.0				
32			4.57	16.0	73.1	12.8	58.5	8.0	36.6	SV50×65	64	16.00	32.0	512.0	25.6	409.6	16.0	256.0					
38			3.57	19.0	67.8	15.2	54.3	9.5	33.9	75	76	13.72	38.0	521.4	30.4	417.1	19.0	260.7					
45			3.14	22.0	69.1	17.6	55.3	11.0	34.5	90	89	11.57	44.5	514.9	35.6	411.9	22.3	257.4					
50			2.57	25.5	65.5	20.4	52.4	12.8	32.8	100	102	9.86	51.0	502.9	40.8	402.3	25.5	251.4					
65			2.14	32.0	68.5	25.6	54.8	16.0	34.2	115	114	8.43	57.0	480.5	45.6	384.4	28.5	240.3					
75			1.71	38.0	65.0	30.4	52.0	19.0	32.5	125	127	7.43	63.5	471.8	50.8	377.4	31.8	235.9					
90			1.43	44.5	63.6	35.6	50.9	22.3	31.8	140	140	7.00	70.0	490.0	56.0	392.0	35.0	245.0					
100			1.29	51.0	65.8	40.8	52.6	25.5	32.9	150	152	6.29	76.0	478.0	60.8	382.4	38.0	239.0					
115			1.14	57.0	65.0	45.6	52.0	28.5	32.5	175	178	5.57	89.0	495.7	71.2	396.6	44.5	247.9					
125	1.00	63.5	63.5	50.8	50.8	31.8	31.8	200	203	4.57	101.5	463.9	81.2	371.1	50.8	231.9							
140	0.86	70.0	60.2	56.0	48.2	35.0	30.1	250	254	3.71	127.0	471.2	101.6	376.9	63.5	235.6							
150	0.71	76.0	54.0	60.8	43.2	38.0	27.0	300	305	3.00	152.5	457.5	122.0	366.0	76.3	228.8							
300	0.43	152.5	65.6	122.0	52.5	76.3	32.8																
SV25×25			25	9.57	12.5	119.6	10.0	95.7	6.3	59.8													
32			7.79	16.0	124.6	12.8	99.7	8.0	62.3														
38			6.00	19.0	114.0	15.2	91.2	9.5	57.0														
45			5.14	22.0	113.1	17.6	90.5	11.0	56.5														
50			4.14	25.5	105.6	20.4	84.5	12.8	52.8														
65			3.57	32.0	114.2	25.6	91.4	16.0	57.1														

75	26	12.5	76	2.71	38.0	103.0	30.4	82.4	19.0	51.5											
90			89	2.29	44.5	101.9	35.6	81.5	22.3	51.0											
100			102	2.14	51.0	109.1	40.8	87.3	25.5	54.6											
115			114	1.86	57.0	106.0	45.6	84.8	28.5	53.0											
125			127	1.71	63.5	108.6	50.8	86.9	31.8	54.3											
140			140	1.57	70.0	109.9	56.0	87.9	35.0	55.0											
150			152	1.43	76.0	108.7	60.8	86.9	38.0	54.3											
175			178	1.29	89.0	114.8	71.2	91.8	44.5	57.4											
200			203	1.00	101.5	101.5	81.2	81.2	50.8	50.8											
300			305	0.71	152.5	108.3	122.0	86.6	76.3	54.1											

中負荷 SR (紅色)

產品編號	外徑 mm	內徑 mm	自由長 mm	定數 Kg	壓縮37%		壓縮25%		壓縮20%		產品編號	外徑 mm	內徑 mm	自由長 mm	定數 Kg	壓縮37%		壓縮25%		壓縮20%			
					mm	Kg	mm	Kg	mm	Kg						mm	Kg	mm	Kg	mm	Kg	mm	Kg
SR10x25	10	5	25	1.61	9.3	14.9	6.3	10.1	5.0	8.1	SR32x38	32	17	38	20.43	14.1	288.1	9.5	194.1	7.6	155.3		
32			32	1.30	11.8	15.4	8.0	10.4	6.4	8.3	45			44	18.00	16.3	293.0	11.0	198.0	8.8	158.4		
38			38	1.20	14.1	16.9	9.5	11.4	7.6	9.1	50			51	15.43	18.9	291.2	12.8	196.7	10.2	157.4		
45			44	1.04	16.3	16.9	11.0	11.4	8.8	9.2	65			64	11.14	23.7	263.8	16.0	178.2	12.8	142.6		
50			51	0.89	18.9	16.8	12.8	11.3	10.2	9.1	75			76	9.14	28.1	257.0	19.0	173.7	15.2	138.9		
65			64	0.75	23.7	17.8	16.0	12.0	12.8	9.6	90			89	7.86	32.9	258.8	22.3	174.9	17.8	139.9		
75			76	0.54	28.1	15.2	19.0	10.3	15.2	8.2	100			102	6.57	37.7	248.0	25.5	167.5	20.4	134.0		
300			305	0.16	112.9	18.1	76.3	12.2	61.0	9.8	115			114	5.71	42.2	240.8	28.5	162.7	22.8	130.2		
SR13x25			13	7	25	3.00	9.3	27.8	6.3	18.8	5.0			15.0	125	127	4.86	47.0	228.4	31.8	154.3	25.4	123.4
32					32	2.48	11.8	29.4	8.0	19.8	6.4			15.9	140	140	4.71	51.8	244.0	35.0	164.9	28.0	131.9
38	38	2.14			14.1	30.1	9.5	20.3	7.6	16.3	150	152	4.14	56.2	232.8	38.0	157.3	30.4	125.9				
45	44	1.86			16.3	30.3	11.0	20.5	8.8	16.4	175	178	3.57	65.9	235.1	44.5	158.9	35.6	127.1				
50	51	1.55			18.9	29.2	12.8	19.8	10.2	15.8	200	203	3.29	75.1	247.1	50.8	167.0	40.6	133.6				
65	64	1.21			23.7	28.7	16.0	19.4	12.8	15.5	250	254	2.29	94.0	215.2	63.5	145.4	50.8	116.3				
75	76	1.02			28.1	28.7	19.0	19.4	15.2	15.5	300	305	2.00	112.9	225.7	76.3	152.5	61.0	122.0				
90	89	0.84			32.9	27.7	22.3	18.7	17.8	15.0	SR38x50	51	19.29	18.9	364.0	12.8	245.9	10.2	196.8				
300	305	0.21			112.9	23.7	76.3	16.0	61.0	12.8	65	64	15.29	23.7	362.1	16.0	244.6	12.8	195.7				
SR16x25	16	8.5			25	4.95	9.3	45.8	6.3	30.9	5.0	24.8	75	76	11.14	28.1	313.3	19.0	211.7	15.2	169.3		
32			32	3.71	11.8	43.9	8.0	29.7	6.4	23.7	90	89	9.43	32.9	310.5	22.3	209.8	17.8	167.9				
38			38	3.39	14.1	47.7	9.5	32.2	7.6	25.8	100	102	8.57	37.7	323.4	25.5	218.5	20.4	174.8				
45			44	3.00	16.3	48.8	11.0	33.0	8.8	26.4	115	114	7.71	42.2	325.2	28.5	219.7	22.8	175.8				
50			51	2.64	18.9	49.8	12.8	33.7	10.2	26.9	125	127	6.57	47.0	308.7	31.8	208.6	25.4	166.9				
65			64	2.05	23.7	48.5	16.0	32.8	12.8	26.2	140	140	6.14	51.8	318.1	35.0	214.9	28.0	171.9				
75			76	1.79	28.1	50.3	19.0	34.0	15.2	27.2	150	152	5.43	56.2	305.4	38.0	206.3	30.4	165.1				
90			89	1.52	32.9	50.1	22.3	33.8	17.8	27.1	175	178	4.71	65.9	310.2	44.5	209.6	35.6	167.7				
100			102	1.36	37.7	51.3	25.5	34.7	20.4	27.7	200	203	3.71	75.1	278.7	50.8	188.3	40.6	150.6				
300			305	0.48	112.9	54.2	76.3	36.6	61.0	29.3	250	254	3.14	94.0	295.1	63.5	199.4	50.8	159.5				
SR19x25	19	10.5	25	10.29	9.3	95.2	6.3	64.3	5.0	51.5	300	305	2.57	112.9	290.0	76.3	196.0	61.0	156.8				
32			32	7.86	11.8	93.1	8.0	62.9	6.4	50.3	SR50x65	64	21.14	23.7	500.6	16.0	338.2	12.8	270.6				
38			38	5.71	14.1	80.3	9.5	54.2	7.6	43.4	75	76	17.14	28.1	482.0	19.0	325.7	15.2	260.5				
45			44	5.14	16.3	83.7	11.0	56.5	8.8	45.2	90	89	14.29	32.9	470.6	22.3	318.0	17.8	254.4				
50			51	4.43	18.9	83.6	12.8	56.5	10.2	45.2	100	102	11.86	37.7	447.6	25.5	302.4	20.4	241.9				
65			64	3.43	23.7	81.2	16.0	54.9	12.8	43.9	115	114	10.71	42.2	451.7	28.5	305.2	22.8	244.2				
75			76	2.57	28.1	72.3	19.0	48.8	15.2	39.1	125	127	10.00	47.0	469.9	31.8	317.5	25.4	254.0				
90			89	2.29	32.9	75.4	22.3	51.0	17.8	40.8	140	140	9.00	51.8	466.2	35.0	315.0	28.0	252.0				
100			102	2.14	37.7	80.8	25.5	54.6	20.4	43.7	150	152	8.43	56.2	474.1	38.0	320.3	30.4	256.3				
115			114	2.00	42.2	84.4	28.5	57.0	22.8	45.6	175	178	7.14	65.9	470.2	44.5	317.7	35.6	254.2				
125	127	1.86	47.0	87.4	31.8	59.1	25.4	47.2	200	203	6.29	75.1	472.4	50.8	319.2	40.6	255.4						
140	140	1.71	51.8	88.6	35.0	59.9	28.0	47.9	250	254	4.29	94.0	403.2	63.5	272.4	50.8	217.9						
150	152	1.43	56.2	80.4	38.0	54.3	30.4	43.5	300	305	4.00	112.9	451.4	76.3	305.0	61.0	244.0						

75 90 100 115 125 140 150 300	19	9.5	76	5.57	22.8	127.0	15.2	84.7	11.4	63.5	125	50	25	127	18.57	38.1	707.5	25.4	471.7	19.1	353.8			
			89	4.71	26.7	125.8	17.8	83.8	13.4	62.9	140			140	16.57	42.0	695.9	28.0	464.0	21.0	348.0			
			102	4.13	30.6	126.4	20.4	84.3	15.3	63.2	150			152	14.86	45.6	677.6	30.4	451.7	22.8	338.8			
			114	3.57	34.2	122.1	22.8	81.4	17.1	61.0	175			178	13.14	53.4	701.7	35.6	467.8	26.7	350.8			
			127	3.14	38.1	119.6	25.4	79.8	19.1	59.8	200			203	11.43	60.9	696.1	40.6	464.1	30.5	348.0			
			140	2.86	42.0	120.1	28.0	80.1	21.0	60.1	250			254	8.71	76.2	663.7	50.8	442.5	38.1	331.9			
			152	2.57	45.6	117.2	30.4	78.1	22.8	58.6	300			305	7.14	91.5	653.3	61.0	435.5	45.8	326.7			
			305	1.29	91.5	118.0	61.0	78.7	45.8	59.0														
			SB25* 25			25	37.16	7.5	278.7	5.0	185.8			3.8	139.4									
			32			32	30.57	9.6	293.5	6.4	195.6			4.8	146.7									
38			38	21.17	11.4	241.3	7.6	160.9	5.7	120.7														
45			44	18.57	13.2	245.1	8.8	163.4	6.6	122.6														
50			51	15.00	15.3	229.5	10.2	153.0	7.7	114.8														
65			64	12.14	19.2	233.1	12.8	155.4	9.6	116.5														
75			76	9.71	22.8	221.4	15.2	147.6	11.4	110.7														
90	25	12.5	89	8.14	26.7	217.3	17.8	144.9	13.4	108.7														
100			102	7.14	30.6	218.5	20.4	145.7	15.3	109.2														
115			114	6.29	34.2	215.1	22.8	143.4	17.1	107.6														
125			127	5.57	38.1	212.2	25.4	141.5	19.1	106.1														
140			140	5.14	42.0	215.9	28.0	143.9	21.0	107.9														
150			152	4.57	45.6	208.4	30.4	138.9	22.8	104.2														
175			178	4.00	53.4	213.6	35.6	142.4	26.7	106.8														
200			203	3.43	60.9	208.9	40.6	139.3	30.5	104.4														
300			305	2.14	91.5	195.8	61.0	130.5	45.8	97.9														

超重負荷 SG (綠色)

產品編號	外徑 mm	內徑 mm	自由長 mm	定數 Kg	壓縮25%		壓縮20%		壓縮15%		產品編號	外徑 mm	內徑 mm	自由長 mm	定數 Kg	壓縮25%		壓縮20%		壓縮15%					
					mm	Kg	mm	Kg	mm	Kg						mm	Kg	mm	Kg	mm	Kg				
SG10* 25	10	4.5	25	3.93	6.3	24.6	5.0	19.7	3.8	14.7	SG32* 50	32	15.5	51	34.29	12.8	437.2	10.2	349.8	7.7	262.3				
32			3.04	8.0	24.3	6.4	19.5	4.8	14.6	65	64			25.72	16.0	411.5	12.8	329.2	9.6	246.9					
38			2.59	9.5	24.6	7.6	19.7	5.7	14.8	75	76			21.14	19.0	401.7	15.2	321.3	11.4	241.0					
45			2.05	11.0	22.6	8.8	18.0	6.6	13.5	90	89			18.00	22.3	400.5	17.8	320.4	13.4	240.3					
50			1.79	12.8	22.8	10.2	18.3	7.7	13.7	100	102			15.00	25.5	382.5	20.4	306.0	15.3	229.5					
65			1.43	16.0	22.9	12.8	18.3	9.6	13.7	115	114			14.00	28.5	399.0	22.8	319.2	17.1	239.4					
75			1.16	19.0	22.0	15.2	17.6	11.4	13.2	125	127			12.14	31.8	385.4	25.4	308.4	19.1	231.3					
300			0.27	76.3	20.6	61.0	16.5	45.8	12.4	150	152			10.00	38.0	380.0	30.4	304.0	22.8	228.0					
SG13* 25			13	7	25	5.71	6.3	35.7	5.0	28.6	3.8			21.4	200	38	19	203	7.43	50.8	377.1	40.6	301.7	30.5	226.2
32					4.29	8.0	34.3	6.4	27.5	4.8	20.6			250	254			6.00	63.5	381.0	50.8	304.8	38.1	228.6	
38	3.57	9.5			33.9	7.6	27.1	5.7	20.3	300	305	4.71	76.3	359.1	61.0			287.3	45.8	215.5					
45	3.04	11.0			33.4	8.8	26.8	6.6	20.1	SG38* 50	51	67.15	12.8	856.2	10.2			684.9	7.7	513.7					
50	2.50	12.8			31.9	10.2	25.5	7.7	19.1	65	64	52.57	16.0	841.1	12.8			672.9	9.6	504.7					
65	2.05	16.0			32.8	12.8	26.2	9.6	19.7	75	76	41.29	19.0	784.5	15.2			627.6	11.4	470.7					
75	1.61	19.0			30.6	15.2	24.5	11.4	18.4	90	89	35.00	22.3	778.8	17.8			623.0	13.4	467.3					
90	1.43	22.3			31.8	17.8	25.5	13.4	19.1	100	102	30.57	25.5	779.5	20.4			623.6	15.3	467.7					
300	0.45	76.3			34.3	61.0	27.5	45.8	20.6	115	114	26.43	28.5	753.3	22.8			602.6	17.1	452.0					
SG16* 25	16	8.5			25	11.25	6.3	70.3	5.0	56.3	3.8	42.2	125	50	25			127	24.29	31.8	771.2	25.4	617.0	19.1	462.7
32			8.39	8.0	67.1	6.4	53.7	4.8	40.3	150	152	19.72	38.0			749.4	30.4	599.5	22.8	449.6					
38			6.79	9.5	64.5	7.6	51.6	5.7	38.7	200	203	14.43	50.8			732.3	40.6	585.9	30.5	439.4					
45			5.71	11.0	62.8	8.8	50.2	6.6	37.7	250	254	12.00	63.5			762.0	50.8	609.6	38.1	457.2					
50			5.18	12.8	66.0	10.2	52.8	7.7	39.6	300	305	9.71	76.3			740.4	61.0	592.3	45.8	444.2					
65			3.93	16.0	62.9	12.8	50.3	9.6	37.7	SG50* 65	64	62.15	16.0			994.4	12.8	795.5	9.6	596.6					
75			3.21	19.0	61.0	15.2	48.8	11.4	36.6	75	76	55.72	19.0			#####	15.2	846.9	11.4	635.2					
90			2.86	22.3	63.6	17.8	50.9	13.4	38.2	90	89	45.43	22.3			#####	17.8	808.7	13.4	606.5					
100			2.41	25.5	61.5	20.4	49.2	15.3	36.9	100	102	39.29	25.5			#####	20.4	801.5	15.3	601.1					
300			0.80	76.3	61.0	61.0	48.8	45.8	36.6	115	114	33.72	28.5			961.0	22.8	768.8	17.1	576.6					

SG19x	19	9.5	25	25.00	6.3	156.3	5.0	125.0	3.8	93.8	125	127	30.86	31.8	979.8	25.4	783.8	19.1	587.9	
25			32	19.64	8.0	157.1	6.4	125.7	4.8	94.3	150	152	25.29	38.0	961.0	30.4	768.8	22.8	576.6	
32			38	15.89	9.5	151.0	7.6	120.8	5.7	90.6	200	203	17.86	50.8	906.4	40.6	725.1	30.5	543.8	
38			44	13.39	11.0	147.3	8.8	117.8	6.6	88.4	250	254	15.00	63.5	952.5	50.8	762.0	38.1	571.5	
45			51	11.34	12.8	144.6	10.2	115.7	7.7	86.8	300	305	12.72	76.3	969.9	61.0	775.9	45.8	581.9	
50			64	8.93	16.0	142.9	12.8	114.3	9.6	85.7										
65			76	7.23	19.0	137.4	15.2	109.9	11.4	82.4										
75			89	6.16	22.3	137.1	17.8	109.6	13.4	82.2										
90			102	5.36	25.5	136.7	20.4	109.3	15.3	82.0										
100			114	4.73	28.5	134.8	22.8	107.8	17.1	80.9										
115			127	4.20	31.8	133.4	25.4	106.7	19.1	80.0										
125			140	3.84	35.0	134.4	28.0	107.5	21.0	80.6										
140			152	3.48	38.0	132.2	30.4	105.8	22.8	79.3										
150			305	1.70	76.3	129.6	61.0	103.7	45.8	77.8										
300																				
SG25x			25	12.5	38	33.00	9.5	313.5	7.6	250.8	5.7	188.1								
38	51	20.72			12.8	264.2	10.2	211.3	7.7	158.5										
50	64	16.00			16.0	256.0	12.8	204.8	9.6	153.6										
65	76	13.14			19.0	249.7	15.2	199.7	11.4	149.8										
75	89	11.14			22.3	247.9	17.8	198.3	13.4	148.7										
90	102	9.86			25.5	251.4	20.4	201.1	15.3	150.9										
100	114	8.71			28.5	248.2	22.8	198.6	17.1	148.9										
115	127	7.71			31.8	244.8	25.4	195.8	19.1	146.9										
125	152	6.43			38.0	244.3	30.4	195.5	22.8	146.6										
150	305	3.14			76.3	239.4	61.0	191.5	45.8	143.7										
300																				