

品名 Model	外徑 Outer Dia.	內徑 Inner Dia.	自由長 Free length	密著長 Solid Length	定數 spring constant	30万 (0.3million)		50万 (0.5million)		100万 (1million)	
						變形量 Deflection	荷重 Load	變形量 Deflection	荷重 Load	變形量 Deflection	荷重 Load
SY 10.5 x 15	10.5	6	15	6	1.33	7.5		6.8		6.0	
			20	8	1.00	10.0		9.0		8.0	
			25	10	0.80	12.5		11.3		10.0	
			30	12	0.67	15.0		13.5		12.0	
			35	14	0.57	17.5		15.8		14.0	
			40	16	0.50	20.0		18.0		16.0	
			45	18	0.44	22.5	10	20.3	9	18.0	8
			50	20	0.40	25.0		22.5		20.0	
			55	22	0.36	27.5		24.8		22.0	
			60	24	0.33	30.0		27.0		24.0	
			65	26	0.31	32.5		29.3		26.0	
			70	28	0.29	35.0		31.5		28.0	
			75	30	0.27	37.5		33.8		30.0	
			80	32	0.25	40.0		36.0		32.0	
SY 12.5 x 15	12.5	7	15	6	2.00	7.5		6.8		6.0	
			20	8	1.50	10.0		9.0		8.0	
			25	10	1.20	12.5		11.3		10.0	
			30	12	1.00	15.0		13.5		12.0	
			35	14	0.86	17.5		15.8		14.0	
			40	16	0.75	20.0		18.0		16.0	
			45	18	0.67	22.5		20.3		18.0	
			50	20	0.60	25.0		22.5		20.0	
			55	22	0.55	27.5	15	24.8	13.5	22.0	12.0
			60	24	0.50	30.0		27.0		24.0	
			65	26	0.46	32.5		29.3		26.0	
			70	28	0.43	35.0		31.5		28.0	
			75	30	0.40	37.5		33.8		30.0	
			80	32	0.38	40.0		36.0		32.0	
90	36	0.33	45.0		40.5		36.0				
100	40	0.30	50.0		45.0		40.0				
SY 14.5 x 20	14.5	9	20	8	2.10	10.0		9.0		8.0	
			25	10	1.68	12.5		11.3		10.0	
			30	12	1.40	15.0		13.5		12.0	
			35	14	1.20	17.5		15.8		14.0	
			40	16	1.05	20.0		18.0		16.0	
			45	18	0.93	22.5		20.3		18.0	
			50	20	0.84	25.0		22.5		20.0	
			55	22	0.76	27.5		24.8		22.0	
			60	24	0.70	30.0	21	27.0	19	24.0	17
			65	26	0.65	32.5		29.3		26.0	
			70	28	0.60	35.0		31.5		28.0	
			75	30	0.56	37.5		33.8		30.0	
			80	32	0.53	40.0		36.0		32.0	
			90	36	0.47	45.0		40.5		36.0	
100	40	0.42	50.0		45.0		40.0				
125	50	0.34	62.5		56.3		50.0				
SY 17 x 25	17	11	25	10	2.46	12.5		11.3		10.0	
			30	12	2.05	15.0		13.5		12.0	
			35	14	1.76	17.5		15.8		14.0	
			40	16	1.54	20.0		18.0		16.0	
			45	18	1.37	22.5		20.3		18.0	
			50	20	1.23	25.0		22.5		20.0	
			55	22	1.12	27.5		24.8		22.0	
			60	24	1.03	30.0		27.0		24.0	
			65	26	0.95	32.5	31	29.3	28	26.0	25
			70	28	0.88	35.0		31.5		28.0	
			75	30	0.82	37.5		33.8		30.0	
			80	32	0.77	40.0		36.0		32.0	
			90	36	0.68	45.0		40.5		36.0	
			100	40	0.62	50.0		45.0		40.0	
125	50	0.49	62.5		56.3		50.0				
150	60	0.41	75.0		67.5		60.0				
SY 21 X 25	21	13	25	10	3.19	12.5		11.3		10.0	
			30	12	2.67	15.0		13.5		12.0	
			35	14	2.29	17.5		15.8		14.0	
			40	16	2.00	20.0		18.0		16.0	
			45	18	1.78	22.5		20.3		18.0	
			50	20	1.60	25.0		22.5		20.0	
			55	22	1.45	27.5		24.8		22.0	
			60	24	1.33	30.0	40	27.0	36	24.0	32
			65	26	1.23	32.5		29.3		26.0	
			70	28	1.14	35.0		31.5		28.0	
			75	30	1.07	37.5		33.8		30.0	
			80	32	1.00	40.0		36.0		32.0	
			90	36	0.89	45.0		40.5		36.0	
			100	40	0.80	50.0		45.0		40.0	
125	50	0.64	62.5		56.3		50.0				
150	60	0.53	75.0		67.5		60.0				
175	70	0.46	87.5		78.8		70.0				

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						變形量 Deflection	荷重 Load	變形量 Deflection	荷重 Load	變形量 Deflection	荷重 Load
SY 26 x 30	26	16.5	30	12	3.87	15.0		13.5		12.0	
			35	14	3.31	17.5		15.8		14.0	
			40	16	2.90	20.0		18.0		16.0	
			45	18	2.58	22.5		20.3		18.0	
			50	20	2.32	25.0		22.5		20.0	
			55	22	2.11	27.5		24.8		22.0	
			60	24	1.93	30.0		27.0		24.0	
			65	26	1.78	32.5		29.3		26.0	
			70	28	1.66	35.0	58.0	31.5	52	28.0	46
			75	30	1.55	37.5		33.8		30.0	
			80	32	1.45	40.0		36.0		32.0	
			90	36	1.29	45.0		40.5		36.0	
			100	40	1.16	50.0		45.0		40.0	
			110	44	1.05	55.0		49.5		44.0	
			125	50	0.93	62.5		56.3		50.0	
			150	60	0.77	75.0		67.5		60.0	
175	70	0.66	87.5		78.8		70.0				
200	80	0.58	100.0		90.0		80.0				
SY 32 X 40	32	21	40	16	3.90	20.0		18.0		16.0	
			45	18	3.47	22.5		20.3		18.0	
			50	20	3.12	25.0		22.5		20.0	
			55	22	2.84	27.5		24.8		22.0	
			60	24	2.60	30.0		27.0		24.0	
			65	26	2.40	32.5		29.3		26.0	
			70	28	2.23	35.0		31.5		28.0	
			75	30	2.08	37.5		33.8		30.0	
			80	32	1.95	40.0	78	36.0	70	32.0	62
			90	36	1.73	45.0		40.5		36.0	
			100	40	1.56	50.0		45.0		40.0	
			110	44	1.42	55.0		49.5		44.0	
			125	50	1.25	62.5		56.3		50.0	
			150	60	1.04	75.0		67.5		60.0	
			175	70	0.89	87.5		78.8		70.0	
			200	80	0.78	100.0		90.0		80.0	
250	100	0.62	125.0		112.5		100.0				
300	120	0.52	150.0		135.0		120.0				
SY 39 X 40	39	26	40	16	5.10	20.0		18.0		16.0	
			45	18	4.53	22.5		20.3		18.0	
			50	20	4.08	25.0		22.5		20.0	
			55	22	3.71	27.5		24.8		22.0	
			60	24	3.40	30.0		27.0		24.0	
			65	26	3.14	32.5		29.3		26.0	
			70	28	2.91	35.0		31.5		28.0	
			75	30	2.72	37.5		33.8		30.0	
			80	32	2.55	40.0	102	36.0	92	32.0	82
			90	36	2.27	45.0		40.5		36.0	
			100	40	2.04	50.0		45.0		40.0	
			110	44	1.85	55.0		49.5		44.0	
			125	50	1.63	62.5		56.3		50.0	
			150	60	1.36	75.0		67.5		60.0	
			175	70	1.17	87.5		78.8		70.0	
			200	80	1.02	100.0		90.0		80.0	
250	100	0.82	125.0		112.5		100.0				
300	120	0.68	150.0		135.0		120.0				
SY 46 X 50	46	32	50	20	5.44	25.0		22.5		20.0	
			55	22	4.95	27.5		24.8		22.0	
			60	24	4.53	30.0		27.0		24.0	
			65	26	4.18	32.5		29.3		26.0	
			70	28	3.89	35.0		31.5		28.0	
			75	30	3.63	37.5		33.8		30.0	
			80	32	3.40	40.0		36.0		32.0	
			90	36	3.02	45.0		40.5		36.0	
			100	40	2.72	50.0	136	45.0	122	40.0	109
			110	44	2.47	55.0		49.5		44.0	
			125	50	2.18	62.5		56.3		50.0	
			150	60	1.81	75.0		67.5		60.0	
			175	70	1.55	87.5		78.8		70.0	
			200	80	1.36	100.0		90.0		80.0	
			250	100	1.09	125.0		112.5		100.0	
			300	120	0.91	150.0		135.0		120.0	