



PSF

Lightest Load Springs Equivalent to JIS B 5012 Colour - Yellow



Pawan

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
6	3	15	0.8	4.8	6	6	7.5	PSF 06 x 15
		20	0.6	4.8	8	6	10.0	PSF 06 x 20
		25	0.5	4.8	10	6	12.5	PSF 06 x 25
		30	0.4	4.8	12	6	15.0	PSF 06 x 30
		35	0.3	4.8	14	6	17.5	PSF 06 x 35
		40	0.3	4.8	16	6	20.0	PSF 06 x 40
8	4	10	1.6	6.4	4	8	5.0	PSF 08 x 10
		15	1.1	6.4	6	8	7.5	PSF 08 x 15
		20	0.8	6.4	8	8	10.0	PSF 08 x 20
		25	0.6	6.4	10	8	12.5	PSF 08 x 25
		30	0.5	6.4	12	8	15.0	PSF 08 x 30
		35	0.5	6.4	14	8	17.5	PSF 08 x 35
		40	0.4	6.4	16	8	20.0	PSF 08 x 40
		45	0.4	6.4	18	8	22.5	PSF 08 x 45
		50	0.3	6.4	20	8	25.0	PSF 08 x 50
		55	0.3	6.4	22	8	27.5	PSF 08 x 55
		60	0.3	6.4	24	8	30.0	PSF 08 x 60
		65	0.3	6.4	26	8	32.5	PSF 08 x 65
		70	0.2	6.4	28	8	35.0	PSF 08 x 70
		75	0.2	6.4	30	8	37.5	PSF 08 x 75
		80	0.2	6.4	32	8	40.0	PSF 08 x 80
10	5	10	2.0	8	4	10	5.0	PSF 10 x 010
		15	1.3	8	6	10	7.5	PSF 10 x 015
		20	1.0	8	8	10	10.0	PSF 10 x 020
		25	0.8	8	10	10	12.5	PSF 10 x 025
		30	0.7	8	12	10	15.0	PSF 10 x 030
		35	0.6	8	14	10	17.5	PSF 10 x 035
		40	0.5	8	16	10	20.0	PSF 10 x 040
		45	0.4	8	18	10	22.5	PSF 10 x 045
		50	0.4	8	20	10	25.0	PSF 10 x 050
		55	0.4	8	22	10	27.5	PSF 10 x 055
		60	0.3	8	24	10	30.0	PSF 10 x 060
		65	0.3	8	26	10	32.5	PSF 10 x 065
		70	0.3	8	28	10	35.0	PSF 10 x 070
		75	0.3	8	30	10	37.5	PSF 10 x 075
		80	0.3	8	32	10	40.0	PSF 10 x 080
		90	0.2	8	36	10	45.0	PSF 10 x 090
12	6	15	1.9	11	6	14	7.5	PSF 12 X 015
		20	1.4	11	8	14	10.0	PSF 12 x 020
		25	1.1	11	10	14	12.5	PSF 12 x 025
		30	0.9	11	12	14	15.0	PSF 12 x 030
		35	0.8	11	14	14	17.5	PSF 12 x 035
		40	0.7	11	16	14	20.0	PSF 12 x 040
		45	0.6	11	18	14	22.5	PSF 12 x 045
		50	0.6	11	20	14	25.0	PSF 12 x 050
		55	0.5	11	22	14	27.5	PSF 12 x 055
		60	0.5	11	24	14	30.0	PSF 12 x 060
		65	0.4	11	26	14	32.5	PSF 12 x 065
		70	0.4	11	28	14	35.0	PSF 12 x 070
		75	0.4	11	30	14	37.5	PSF 12 x 075
		80	0.4	11	32	14	40.0	PSF 12 x 080
		90	0.3	11	36	14	45.0	PSF 12 x 090
14	7	20	1.8	14.5	8	18	10.0	PSF 14 x 020
		25	1.4	14.5	10	18	12.5	PSF 14 x 025
		30	1.2	14.5	12	18	15.0	PSF 14 x 030
		35	1.0	14.5	14	18	17.5	PSF 14 x 035
		40	0.9	14.5	16	18	20.0	PSF 14 x 040
		45	0.8	14.5	18	18	22.5	PSF 14 x 045
		50	0.7	14.5	20	18	25.0	PSF 14 x 050
		55	0.7	14.5	22	18	27.5	PSF 14 x 055
		60	0.6	14.5	24	18	30.0	PSF 14 x 060
		65	0.6	14.5	26	18	32.5	PSF 14 x 065
		70	0.5	14.5	28	18	35.0	PSF 14 x 070
		75	0.5	14.5	30	18	37.5	PSF 14 x 075
		80	0.5	14.5	32	18	40.0	PSF 14 x 080
		90	0.4	14.5	36	18	45.0	PSF 14 x 090
		100	0.4	14.5	40	18	50.0	PSF 14 x 100

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
16	8	20	2.1	17	8	21	10.0	PSF 16 x 020
		25	1.7	17	10	21	12.5	PSF 16 x 025
		30	1.4	17	12	21	15.0	PSF 16 x 030
		35	1.2	17	14	21	17.5	PSF 16 x 035
		40	1.1	17	16	21	20.0	PSF 16 x 040
		45	0.9	17	18	21	22.5	PSF 16 x 045
		50	0.8	17	20	21	25.0	PSF 16 x 050
		55	0.8	17	22	21	27.5	PSF 16 x 055
		60	0.7	17	24	21	30.0	PSF 16 x 060
		65	0.7	17	26	21	32.5	PSF 16 x 065
		70	0.6	17	28	21	35.0	PSF 16 x 070
		75	0.6	17	30	21	37.5	PSF 16 x 075
		80	0.5	17	32	21	40.0	PSF 16 x 080
		90	0.5	17	36	21	45.0	PSF 16 x 090
		100	0.4	17	40	21	50.0	PSF 16 x 100
		125	0.3	17	50	21	62.5	PSF 16 x 125
18	9	20	2.6	21	8	26	10.0	PSF 18 x 020
		25	2.1	21	10	26	12.5	PSF 18 x 025
		30	1.7	21	12	26	15.0	PSF 18 x 030
		35	1.5	21	14	26	17.5	PSF 18 x 035
		40	1.3	21	16	26	20.0	PSF 18 x 040
		45	1.2	21	18	26	22.5	PSF 18 x 045
		50	1.0	21	20	26	25.0	PSF 18 x 050
		55	1.0	21	22	26	27.5	PSF 18 x 055
		60	0.9	21	24	26	30.0	PSF 18 x 060
		65	0.8	21	26	26	32.5	PSF 18 x 065
		70	0.7	21	28	26	35.0	PSF 18 x 070
		75	0.7	21	30	26	37.5	PSF 18 x 075
		80	0.7	21	32	26	40.0	PSF 18 x 080
		90	0.6	21	36	26	45.0	PSF 18 x 090
		100	0.5	21	40	26	50.0	PSF 18 x 100
		125	0.4	21	50	26	62.5	PSF 18 x 125
20	11	20	3.2	26	8	32	10.0	PSF 20 x 020
		25	2.6	26	10	32	12.5	PSF 20 x 025
		30	2.1	26	12	32	15.0	PSF 20 x 030
		35	1.8	26	14	32	17.5	PSF 20 x 035
		40	1.6	26	16	32	20.0	PSF 20 x 040
		45	1.4	26	18	32	22.5	PSF 20 x 045
		50	1.3	26	20	32	25.0	PSF 20 x 050
		55	1.2	26	22	32	27.5	PSF 20 x 055
		60	1.1	26	24	32	30.0	PSF 20 x 060
		65	1.0	26	26	32	32.5	PSF 20 x 065
		70	0.9	26	28	32	35.0	PSF 20 x 070
		75	0.9	26	30	32	37.5	PSF 20 x 075
		80	0.8	26	32	32	40.0	PSF 20 x 080
		90	0.7	26	36	32	45.0	PSF 20 x 090
		100	0.6	26	40	32	50.0	PSF 20 x 100
		125	0.5	26	50	32	62.5	PSF 20 x 125
22	11	150	0.4	26	60	32	75.0	PSF 20 x 150
		25	3.2	32	10	40	12.5	PSF 22 x 025
		30	2.7	32	12	40	15.0	PSF 22 x 030
		35	2.3	32	14	40	17.5	PSF 22 x 035
		40	2.0	32	16	40	20.0	PSF 22 x 040
		45	1.8	32	18	40	22.5	PSF 22 x 045
		50	1.6	32	20	40	25.0	PSF 22 x 050
		55	1.5	32	22	40	27.5	PSF 22 x 055
		60	1.3	32	24	40	30.0	PSF 22 x 060
		65	1.2	32	26	40	32.5	PSF 22 x 065
		70	1.1	32	28	40	35.0	PSF 22 x 070
		75	1.8	32	30	40	37.5	PSF 22 x 075
		80	1.0	32	32	40	40.0	PSF 22 x 080
		90	0.9	32	36	40	45.0	PSF 22 x 090
		100	0.8	32	40	40	50.0	PSF 22 x 100
		125	0.6	32	50	40	62.5	PSF 22 x 125
		150	0.5	32	60	40	75.0	PSF 22 x 150
25	12.5	25	4.0	40	10	50	12.5	PSF 25 x 025
		30	3.3	40	12	50	15.0	PSF 25 x 030

Note : Spring beyond standard OD, ID & Length can also be manufactured (Refer Page No. 38-39)



Lightest Load Springs

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Colour - Yellow

PSF



Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
25	12.5	35	2.9	40	14	50	17.5	PSF 25 x 035
		40	2.5	40	16	50	20.0	PSF 25 x 040
		45	2.2	40	18	50	22.5	PSF 25 x 045
		50	2.0	40	20	50	25.0	PSF 25 x 050
		55	1.8	40	22	50	27.5	PSF 25 x 055
		60	1.7	40	24	50	30.0	PSF 25 x 060
		65	1.5	40	26	50	32.5	PSF 25 x 065
		70	1.4	40	28	50	35.0	PSF 25 x 070
		75	1.3	40	30	50	37.5	PSF 25 x 075
		80	1.3	40	32	50	40.0	PSF 25 x 080
		90	1.1	40	36	50	45.0	PSF 25 x 090
		100	1.0	40	40	50	50.0	PSF 25 x 100
		125	0.8	40	50	50	62.5	PSF 25 x 125
		150	0.7	40	60	50	75.0	PSF 25 x 150
		175	0.6	40	70	50	87.5	PSF 25 x 175
		200	0.5	40	80	50	100.0	PSF 25 x 200
27	13.5	25	4.8	48	10	60	12.5	PSF 27 x 025
		30	4.0	48	12	60	15.0	PSF 27 x 030
		35	3.4	48	14	60	17.5	PSF 27 x 035
		40	3.0	48	16	60	20.0	PSF 27 x 040
		45	2.7	48	18	60	22.5	PSF 27 x 045
		50	2.4	48	20	60	25.0	PSF 27 x 050
		55	2.2	48	22	60	27.5	PSF 27 x 055
		60	2.0	48	24	60	30.0	PSF 27 x 060
		65	1.9	48	26	60	32.5	PSF 27 x 065
		70	1.7	48	28	60	35.0	PSF 27 x 070
		75	1.6	48	30	60	37.5	PSF 27 x 075
		80	1.5	48	32	60	40.0	PSF 27 x 080
		90	1.3	48	36	60	45.0	PSF 27 x 090
		100	1.2	48	40	60	50.0	PSF 27 x 100
		125	1.0	48	50	60	62.5	PSF 27 x 125
		150	0.8	48	60	60	75.0	PSF 27 x 150
		175	0.7	48	70	60	87.5	PSF 27 x 175
		200	0.6	48	80	60	100.0	PSF 27 x 200
30	16	25	5.8	58	10	72	12.5	PSF 30 x 025
		30	4.8	58	12	72	15.0	PSF 30 x 030
		35	4.1	58	14	72	17.5	PSF 30 x 035
		40	3.6	58	16	72	20.0	PSF 30 x 040
		45	3.2	58	18	72	22.5	PSF 30 x 045
		50	2.9	58	20	72	25.0	PSF 30 x 050
		55	2.6	58	22	72	27.5	PSF 30 x 055
		60	2.4	58	24	72	30.0	PSF 30 x 060
		65	2.2	58	26	72	32.5	PSF 30 x 065
		70	2.1	58	28	72	35.0	PSF 30 x 070
		75	1.9	58	30	72	37.5	PSF 30 x 075
		80	1.8	58	32	72	40.0	PSF 30 x 080
		90	1.6	58	36	72	45.0	PSF 30 x 090
		100	1.4	58	40	72	50.0	PSF 30 x 100
		125	1.6	58	50	72	62.5	PSF 30 x 125
		150	1.0	58	60	72	75.0	PSF 30 x 150
		175	0.8	58	70	72	87.5	PSF 30 x 175
		200	0.7	58	80	72	100.0	PSF 30 x 200
35	19	40	4.9	78.4	16	98	20.0	PSF 35 x 040
		45	4.4	78.4	18	98	22.5	PSF 35 x 045
		50	3.9	78.4	20	98	25.0	PSF 35 x 050
		55	3.6	78.4	22	98	27.5	PSF 35 x 055
		60	3.3	78.4	24	98	30.0	PSF 35 x 060
		65	3.0	78.4	26	98	32.5	PSF 35 x 065
		70	2.8	78.4	28	98	35.0	PSF 35 x 070
		75	2.6	78.4	30	98	37.5	PSF 35 x 075
		80	2.5	78.4	32	98	40.0	PSF 35 x 080
		90	2.2	78.4	36	98	45.0	PSF 35 x 090
		100	2.0	78.4	40	98	50.0	PSF 35 x 100
		125	1.6	78.4	50	98	62.5	PSF 35 x 125
		150	1.3	78.4	60	98	75.0	PSF 35 x 150
		175	1.1	78.4	70	98	87.5	PSF 35 x 175
		200	0.9	78.4	80	98	100.0	PSF 35 x 200
40	22	40	6.4	102	16	128	20.0	PSF 40 x 040

Do (mm)	Di (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)	
40	22	50	5.1	102	20	128	25.0	PSF 40 x 050
		60	4.3	102	24	128	30.0	PSF 40 x 060
		70	3.7	102	28	128	35.0	PSF 40 x 070
		80	3.2	102	32	128	40.0	PSF 40 x 080
		90	2.8	102	36	128	45.0	PSF 40 x 090
		100	2.6	102	40	128	50.0	PSF 40 x 100
		125	2.0	102	50	128	62.5	PSF 40 x 125
		150	1.7	102	60	128	75.0	PSF 40 x 150
		175	1.5	102	70	128	87.5	PSF 40 x 175
		200	1.3	102	80	128	100.0	PSF 40 x 200
		250	1.0	102	100	128	125.0	PSF 40 x 250
		275	1.0	102	110	128	137.5	PSF 40 x 275
		300	0.9	102	120	128	150	PSF 40 x 300
40	26	40	4.0	52	16	65	20.0	PSFR 40 x 040
		50	3.2	52	20	65	25.0	PSFR 40 x 050
		60	2.6	52	24	65	30.0	PSFR 40 x 060
		70	2.4	52	28	65	35.0	PSFR 40 x 070
		80	2.1	52	32	65	40.0	PSFR 40 x 080
		90	1.8	52	36	65	45.0	PSFR 40 x 090
		100	1.5	52	40	65	50.0	PSFR 40 x 100
		125	1.6	52	50	65	62.5	PSFR 40 x 125
		150	0.9	52	60	65	75.0	PSFR 40 x 150
		175	0.8	52	70	65	87.5	PSFR 40 x 175
		200	0.6	52	80	65	100.0	PSFR 40 x 200
		250	0.4	52	100	65	125.0	PSFR 40 x 250
		50	27.5	50	8.0	160	20	200
60	6.7			160	24	200	30.0	PSF 50 x 060
70	5.7			160	28	200	35.0	PSF 50 x 070
80	5.0			160	32	200	40.0	PSF 50 x 080
90	4.4			160	36	200	45.0	PSF 50 x 090
100	4.0			160	40	200	50.0	PSF 50 x 100
125	3.2			160	50	200	62.5	PSF 50 x 125
150	2.7			160	60	200	75.0	PSF 50 x 150
175	2.3			160	70	200	87.5	PSF 50 x 175
200	2.0			160	80	200	100.0	PSF 50 x 200
250	1.6			160	100	200	125.0	PSF 50 x 250
300	1.3			160	120	200	150.0	PSF 50 x 300
350	1.1			160	140	200	175.0	PSF 50 x 350
400	1.0			160	160	200	200.0	PSF 50 x 400
450	0.9			160	180	200	225.0	PSF 50 x 450
500	0.8			160	200	200	250.0	PSF 50 x 500
50	31	50	5.4	99	20	123.3	25.0	PSFR 50 x 050
		60	4.5	99	24	123.3	30.0	PSFR 50 x 060
		70	3.6	99	28	123.3	35.0	PSFR 50 x 070
		80	3.0	99	32	123.3	40.0	PSFR 50 x 080
		90	2.7	99	36	123.3	45.0	PSFR 50 x 090
		100	2.4	99	40	123.3	50.0	PSFR 50 x 100
		125	1.9	99	50	123.3	62.5	PSFR 50 x 125
		150	1.6	99	60	123.3	75.0	PSFR 50 x 150
		175	1.3	99	70	123.3	87.5	PSFR 50 x 175
		200	1.1	99	80	123.3	100.0	PSFR 50 x 200
		250	0.9	99	100	123.3	125.0	PSFR 50 x 250
		300	0.8	99	120	123.3	150.0	PSFR 50 x 300
60	33	60	10.0	230	24	288	30.0	PSF 60 x 060
		70	8.2	230	28	288	35.0	PSF 60 x 070
		80	7.2	230	32	288	40.0	PSF 60 x 080
		90	6.4	230	36	288	45.0	PSF 60 x 090
		100	5.8	230	40	288	50.0	PSF 60 x 100
		125	4.6	230	50	288	62.5	PSF 60 x 125
		150	3.8	230	60	288	75.0	PSF 60 x 150
		175	3.3	230	70	288	87.5	PSF 60 x 175
		200	2.9	230	80	288	100.0	PSF 60 x 200
		250	2.3	230	100	288	125.0	PSF 60 x 250
		300	1.9	230	120	288	150.0	PSF 60 x 300
		350	1.6	230	140	288	175.0	PSF 60 x 350
60	36	400	1.4	230	160	288	200.0	PSF 60 x 400
		450	1.3	230	180	288	225.0	PSF 60 x 450
		500	1.2	230	200	288	250.0	PSF 60 x 500
60	36	60	7.4	148.8	24	186	30.0	PSFR 60 x 060
		70	6.3	148.8	28	186	35.0	PSFR 60 x 070
		80	5.3	148.8	32	186	40.0	PSFR 60 x 080
		90	4.2	148.8	36	186	45.0	PSFR 60 x 090
		100	3.1	148.8	40	186	50.0	PSFR 60 x 100
		125	2.4	148.8	50	186	62.5	PSFR 60 x 125
		150	2.1	148.8	60	186	75.0	PSFR 60 x 150
		175	1.9	148.8	70	186	87.5	PSFR 60 x 175
		200	1.6	148.8	80	186	100.0	PSFR 60 x 200
		250	1.3	148.8	100	186	125.0	PSFR 60 x 250
		300	1.0	148.8	120	186	150.0	PSFR 60 x 300
		70	38.5	70	11.4	320	28	400
80	10.0			320	32	400	40.0	PSF 70 x 080
90	8.9			320	36	400	45.0	PSF 70 x 090
100	8.0			320	40	400	50.0	PSF 70 x 100
125	6.4			320	50	400	62.5	PSF 70 x 125
150	5.3			320	60	400	75.0	PSF 70 x 150
175	4.6			320	70	400	87.5	PSF 70 x 175
200	4.0			320	80	400	100.0	PSF 70 x 200
250	3.2			320	100	400	125.0	PSF 70 x 250
300	2.7			320	120	400	150.0	PSF 70 x 300
350	2.3			320	140	400	175.0	PSF 70 x 350