



Light Load Springs

Equivalent to ISO 10243
Colour - Green

PGR



Dh (mm)	Dd (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
10	5	25	1.0	6.4	6.3	10.2	10.0	PGR 10 X 025		
		32	0.9	6.9	8.0	11.1	12.8	PGR 10 X 032		
		38	0.7	6.6	9.5	10.5	15.2	PGR 10 X 038		
		44	0.6	6.7	11.0	10.8	17.6	PGR 10 X 044		
		51	0.5	6.5	12.8	10.4	20.4	PGR 10 X 051		
		64	0.4	6.9	16.0	11.2	25.6	PGR 10 X 064		
		76	0.3	6.1	19.0	9.9	30.4	PGR 10 X 076		
		305	0.1	8.4	76.3	13.7	122.0	PGR 10 X 305		
13	6.3	25	1.8	11.4	6.3	18.3	10.0	PGR 13 X 025		
		32	1.7	13.4	8.0	21.4	12.8	PGR 13 X 032		
		38	1.4	13.1	9.5	21.1	15.2	PGR 13 X 038		
		44	1.2	13.5	11.0	21.7	17.6	PGR 13 X 044		
		51	1.2	14.8	12.8	23.8	20.4	PGR 13 X 051		
		64	0.9	15.0	16.0	24.3	25.6	PGR 13 X 064		
		76	0.7	13.7	19.0	22.0	30.4	PGR 13 X 076		
		89	0.6	12.2	22.3	19.6	35.6	PGR 13 X 089		
		102	0.4	10.5	25.5	17.0	40.8	PGR 13 X 102		
		305	0.06	10.7	76.3	17.4	122.0	PGR 13 X 305		
		16	8	25	2.4	14.9	6.3	23.9	10.0	PGR 16 X 025
				32	2.3	18.6	8.0	29.9	12.8	PGR 16 X 032
38	2.0			18.6	9.5	29.9	15.2	PGR 16 X 038		
44	1.7			19.1	11.0	30.7	17.6	PGR 16 X 044		
51	1.6			20.4	12.8	32.6	20.4	PGR 16 X 051		
64	1.1			17.4	16.0	27.9	25.6	PGR 16 X 064		
76	1.0			19.4	19.0	31.0	30.4	PGR 16 X 076		
89	0.9			19.4	22.3	31.2	35.6	PGR 16 X 089		
102	0.8			20.1	25.5	32.4	40.8	PGR 16 X 102		
115	0.7			19.3	28.8	31.0	46.0	PGR 16 X 115		
305	0.3			19.1	76.3	31.1	122.0	PGR 16 X 305		
20	10			25	5.7	35.6	6.3	56.9	10.0	PGR 20 X 025
		32	4.6	36.7	8.0	58.8	12.8	PGR 20 X 032		
		38	3.4	32.2	9.5	51.6	15.2	PGR 20 X 038		
		44	3.1	33.7	11.0	53.9	17.6	PGR 20 X 044		
		51	2.5	31.7	12.8	51.0	20.4	PGR 20 X 051		
		64	2.0	32.6	16.0	52.2	25.6	PGR 20 X 064		
		76	1.6	31.0	19.0	49.6	30.4	PGR 20 X 076		
		89	1.4	31.6	22.3	50.8	35.6	PGR 20 X 089		
		102	1.2	31.1	25.5	50.0	40.8	PGR 20 X 102		
		115	1.1	31.9	28.8	51.1	46.0	PGR 20 X 115		
		127	1.0	30.5	31.8	49.3	50.8	PGR 20 X 127		
		139	0.9	29.5	34.8	47.9	56.0	PGR 20 X 139		
		152	0.8	28.9	38.0	46.5	60.8	PGR 20 X 152		
		305	0.4	30.5	76.3	49.8	122.0	PGR 20 X 305		
		25	12.5	25	10.2	63.8	6.3	102.0	10.0	PGR 25 X 025
32	8.2			65.5	8.0	104.9	12.8	PGR 25 X 032		
38	6.3			60.0	9.5	96.1	15.2	PGR 25 X 038		
44	5.4			59.3	11.0	95.0	17.6	PGR 25 X 044		
51	4.5			57.1	12.8	91.6	20.4	PGR 25 X 051		
64	3.6			57.4	16.0	91.9	25.6	PGR 25 X 064		
76	2.9			54.2	19.0	86.8	30.4	PGR 25 X 076		
89	2.4			54.3	22.3	87.1	35.6	PGR 25 X 089		
102	2.2			54.8	25.5	87.8	40.8	PGR 25 X 102		
115	1.9			54.6	28.8	87.7	46.0	PGR 25 X 115		
127	1.7			54.0	31.8	86.5	50.8	PGR 25 X 127		
139	1.6			54.2	34.8	87.4	56.0	PGR 25 X 139		

Dh (mm)	Dd (mm)	Lo (mm)	C (Kg/mm)	Maximum Life		Average Life		Code		
				Pm (Kg)	Lm (mm)	Pa (Kg)	La (mm)			
25	12.5	152	1.4	54.0	38.0	86.8	60.8	PGR 25 X 152		
		178	1.3	56.5	44.5	90.8	71.2	PGR 25 X 178		
		203	1.1	53.8	50.8	86.1	81.2	PGR 25 X 203		
		305	0.7	54.1	76.3	87.1	122.0	PGR 25 X 305		
32	16	38	9.6	91.0	9.5	145.8	15.2	PGR 32 X 038		
		44	8.1	89.1	11.0	142.7	17.6	PGR 32 X 044		
		51	6.8	87.1	12.8	139.4	20.4	PGR 32 X 051		
		64	5.4	86.4	16.0	138.4	25.6	PGR 32 X 064		
		76	4.5	85.1	19.0	136.5	30.4	PGR 32 X 076		
		89	3.8	84.3	22.3	135.0	35.6	PGR 32 X 089		
		102	3.3	83.1	25.5	133.2	40.8	PGR 32 X 102		
		115	3.0	84.8	28.8	136.1	46.0	PGR 32 X 115		
		127	2.6	81.0	31.8	129.5	50.8	PGR 32 X 127		
		139	2.3	81.3	34.8	131.4	56.0	PGR 32 X 139		
		152	2.2	83.2	38.0	133.3	60.8	PGR 32 X 152		
		178	1.9	82.3	44.5	132.2	71.2	PGR 32 X 178		
203	1.6	81.7	50.8	130.9	81.2	PGR 32 X 203				
254	1.3	80.6	63.5	129.5	101.6	PGR 32 X 254				
305	1.1	80.1	76.3	128.2	122.0	PGR 32 X 305				
40	20	51	9.4	119.6	12.8	191.5	20.4	PGR 40 X 051		
		64	7.4	119.0	16.0	190.6	25.6	PGR 40 X 064		
		76	6.4	122.0	19.0	195.3	30.4	PGR 40 X 076		
		89	5.2	115.7	22.3	185.2	35.6	PGR 40 X 089		
		102	4.4	111.7	25.5	178.9	40.8	PGR 40 X 102		
		115	4.0	115.9	28.8	185.8	46.0	PGR 40 X 115		
		127	3.8	119.7	31.8	191.8	50.8	PGR 40 X 127		
		139	3.3	113.3	34.8	182.8	56.0	PGR 40 X 139		
		152	2.9	108.3	38.0	173.6	60.8	PGR 40 X 152		
		178	2.6	114.4	44.5	183.0	71.2	PGR 40 X 178		
		203	2.3	117.2	50.8	188.0	81.2	PGR 40 X 203		
		254	1.7	109.9	63.5	176.2	101.6	PGR 40 X 254		
		305	1.5	114.4	76.3	184.2	122.0	PGR 40 X 305		
		50	25	64	15.9	254.4	16.0	407.0	25.6	PGR 50 X 064
				76	12.8	243.2	19.0	389.1	30.4	PGR 50 X 076
89	11.1			247.0	22.3	395.2	35.6	PGR 50 X 089		
102	9.6			244.8	25.5	391.7	40.8	PGR 50 X 102		
115	8.3			238.6	28.8	381.8	46.0	PGR 50 X 115		
127	7.2			228.6	31.8	365.8	50.8	PGR 50 X 127		
139	6.8			236.3	34.8	380.8	56.0	PGR 50 X 139		
152	6.1			231.8	38.0	370.9	60.8	PGR 50 X 152		
178	5.3			235.9	44.5	377.4	71.2	PGR 50 X 178		
203	4.5			228.4	50.8	365.4	81.2	PGR 50 X 203		
254	3.6	228.6	63.5	365.8	101.6	PGR 50 X 254				
305	2.9	221.1	76.3	353.8	122.0	PGR 50 X 305				
63	38	76	19.3	366.7	19.0	586.7	30.4	PGR 63 X 076		
		89	16.1	358.2	22.3	573.2	35.6	PGR 63 X 089		
		102	13.4	341.7	25.5	546.7	40.8	PGR 63 X 102		
		115	11.8	339.3	28.8	542.8	46.0	PGR 63 X 115		
		127	10.5	333.4	31.8	533.4	50.8	PGR 63 X 127		
		152	8.6	326.8	38.0	522.9	60.8	PGR 63 X 152		
		178	7.3	324.9	44.5	519.8	71.2	PGR 63 X 178		
		203	6.3	319.7	50.8	511.6	81.2	PGR 63 X 203		
		254	4.8	304.8	63.5	487.7	101.6	PGR 63 X 254		
		305	3.9	297.4	76.3	475.8	122.0	PGR 63 X 305		

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