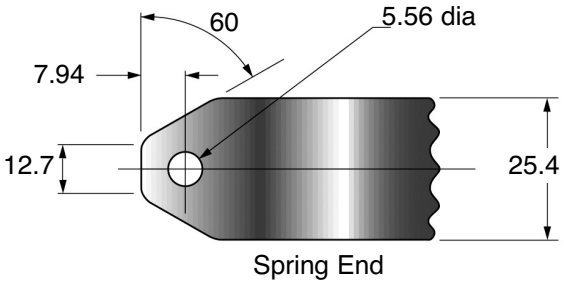
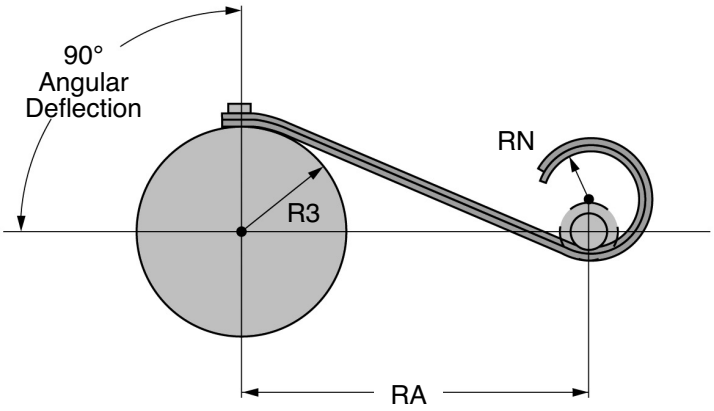
RW

ANTI-VIBRATION & SPRINGS

Maximum Energy Constant Torque Springs

Laminated for 90° Angular Deflections : 1.24 - 61.93Nm





T = Spring material thickness
L = Spring length (reference only)
RN = Free coil radius
R3 = Torque drum radius
RA = Optimum centre spacing

Part Number	Torque per single Leaf ± 10%		Total Torque Output for Number of Leaves 25.4mm Wide ±10%								
			T	L	RN*	R3	RA	2		3	
	Nm	Kg cm	mm	mm	mm	mm	mm	Nm	Kg cm	Nm	Kg cm
RW11	1.24	12.68	0.25	127	9.25	21.16	69	2.49	25.36	3.73	38.04
RW12	1.79	18.27	0.31	146	11.10	25.40	79	3.58	36.54	5.38	54.81
RW13	2.44	24.84	0.36	165	12.95	29.46	93	4.87	49.68	7.31	74.52
RW14	2.80	28.52	0.38	178	13.84	31.75	99	5.59	57.04	8.39	85.56
RW15	3.18	32.44	0.41	184	14.81	33.78	102	6.36	64.88	9.54	97.32
RW16	4.02	41.03	0.46	203	16.64	38.10	114	8.05	82.06	12.07	123.09
RW17	4.97	50.71	0.51	229	18.49	42.16	127	9.95	101.42	14.92	152.13
RW18	5.99	61.08	0.56	248	20.32	46.48	140	11.98	122.16	17.97	183.24
RW19	7.74	78.94	0.64	279	23.11	52.53	159	15.48	157.88	23.22	236.82

Part Number	Total Torque Output for Number of Leaves 25.4mm Wide ±10%										Price Each
	4		5		6		7		8		
	Nm	Kg cm	Nm	Kg cm	Nm	Kg cm	Nm	Kg cm	Nm	Kg cm	
RW11	4.97	50.72	6.22	63.40	7.46	76.08	8.70	88.76	9.95	101.44	£POA
RW12	7.17	73.08	8.96	91.35	10.75	109.62	12.54	127.89	14.33	146.16	£POA
RW13	9.74	99.36	12.18	124.20	14.62	149.04	17.05	173.88	19.49	198.72	£POA
RW14	11.19	114.08	13.98	142.60	16.78	171.12	19.58	199.64	22.38	228.16	£POA
RW15	12.73	129.76	15.91	162.20	19.09	194.64	22.27	227.08	25.45	259.52	£POA
RW16	16.09	164.12	20.12	205.15	24.14	246.18	28.17	287.21	25.45	259.52	£POA
RW17	19.89	202.84	24.87	253.55	29.84	304.26	34.81	354.97	39.78	405.68	£POA
RW18	23.96	244.32	29.95	305.40	35.94	366.48	41.93	427.58	47.92	488.64	£POA
RW19	30.97	315.76	38.71	394.70	46.45	473.64	54.19	552.58	61.93	631.52	£POA

*Reference only, may be varied to meet torque specification.

Note: Not more than 8 leaves to be used together in any one set.

Ordering

When ordering, please quote spring reference and number of leaves per set.
For example: RW15-8, part will be supplied with 8 leaves per set

Features

The RW laminated spring is a short deflection form of spring & generally consists of two or more laminations. The torque being the sum of the number of springs used, a maximum of 8 springs can be used in any one assembly, providing increased torque in the least possible space.

Our standard range of maximum energy springs are designed for 90° maximum angular movement with an average fatigue life of 5000 cycles. However, special springs can be manufactured to provide higher fatigue lives & greater deflections. To discuss your needs, please call our Technical Sales department who will be pleased to help.

+44 (0)1246 455500
+44 (0)1246 455522
ondrives
sales@ondrives.com
www.ondrives.com