

To open or close a valve or damper automatically in case of a fire this device allows the valve to operate using a fusible link mechanism designed to yield at a set temperature.



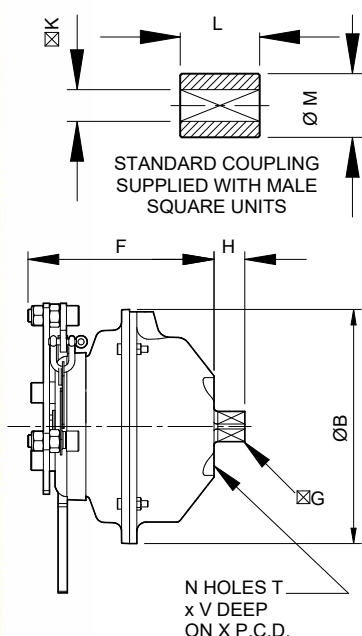
Yield Temperatures

Fire fail-safe fusible links
Solder type (UL approved)

Yield temperature options	74°C	100°C
Max. normal ambient temperature	38°C	66°C

ISO/Female Drive Options

All models are available with female drive options for direct mount - see page 60



- Reliable torque delivery for valve reseal
- Available for Models 05, 07, 09 and 12 (maximum torque 226 Nm 2300 lbf ins)
- Two Yield Temperature Options
- Clockwise or counter clockwise 90° spring action
- ISO5211 female drive options available
- Spring housing sealed to IP65 to protect from internal corrosion
- ATEX Category 2 approved options available

Ordering Codes

To order a fire fail-safe spring unit, quote model number, direction of spring (as per coding guide on page 47) followed by product type code:

- 0074 Fire fail-safe spring unit 74°C
- 0100 Fire fail-safe spring unit 100°C
- 1074 ATEX fire fail-safe spring unit 74°C
- 1100 ATEX fire fail-safe spring unit 100°C (example: 054-020-0074)

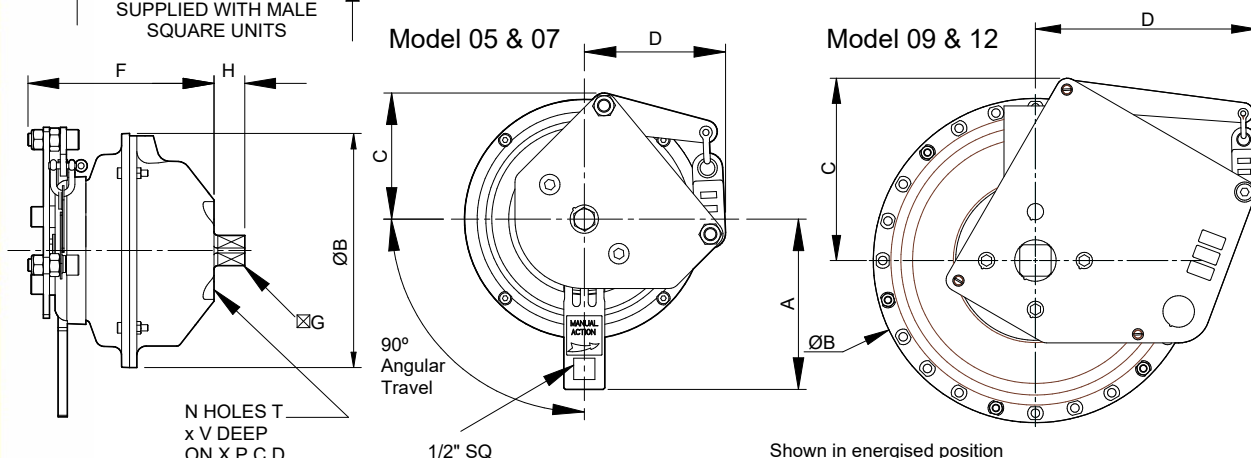
For reduced torque versions contact Kinetrol

Weights – Metric

- 05 Models – 2.70 kg
- 07 Models – 4.30 kg
- 09 Models – 9.20 kg
- 12 Models – 22.50 kg

Weights – English

- 05 Models – 5.95 lb
- 07 Models – 9.48 lb
- 09 Models – 20.28 lb
- 12 Models – 49.60 lb



Metric Units

	A mm	B mm	C mm	D mm	F mm	G mm	H† mm	K mm	L mm	M mm	N	T	V mm	X mm	Maximum Torque Nm
054-020-0074	108	118	80	90	88	9.525 9.470	13.0	9.58 9.55	25.4	19.0	6	M5	13.0	34.9	24.0
074-020-0074	108	152	80	90	121	15.98 15.93	20.0	16.027 16.000	40.0	32.0	4	M8	15.0	50.8	45.5
094-020-0074	-	200	108	130	144	18.98 18.93	26.0	19.033 19.000	50.0	38.0	4	M10	20.0	65	95.0
124-020-0074	-	258	145	176	209	25.00 24.90	31.0	25.06 25.00	56.0	50.0	4	M12	24.0	77.8	205.0

English Units

	A inch	B inch	C inch	D inch	F inch	G inch	H† inch	K inch	L inch	M inch	N	T	V inch	X inch	Maximum Torque lbf.ins
057-020-0074	4.25	4.64	3.15	3.54	3.47	0.375 0.373	0.51	0.377 0.376	1.00	0.75	6	10-24	0.510	1.37	212
077-020-0074	4.25	5.98	3.15	3.54	4.76	0.629 0.627	0.79	0.631 0.630	1.57	1.26	4	5/16-18	0.625	2.00	400
097-020-0074	-	7.87	4.25	5.12	5.67	0.747 0.745	1.02	0.749 0.748	1.97	1.50	4	3/8	0.787	2.56	841
127-020-0074	-	10.16	5.71	6.93	8.23	0.984 0.980	1.22	0.986 0.984	2.20	1.97	4	1/2	0.944	3.06	1814

