



LT SERIES

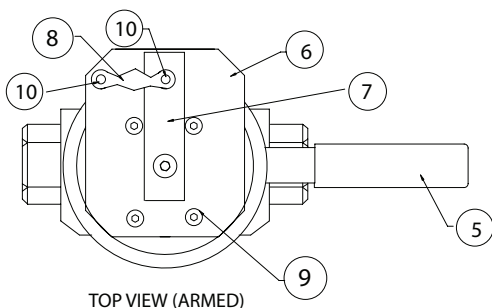
FOR VALVES UP TO 150 INCH POUNDS OF TORQUE



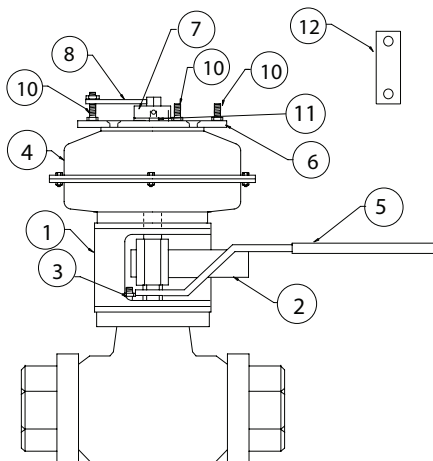
assembly shown with red safety link installed

LT SERIES FEATURES

- FOR 1/4" THROUGH 1-1/4" VALVE SIZES DEPENDING ON VALVE TORQUE, MEDIA AND LINE PRESSURE
- PROVIDES AUTOMATIC CLOSURE IN THE EVENT OF FIRE
- VALVE CAN BE OPERATED MANUALLY EVEN WHILE ARMED
- SOLDERED FUSIBLE LINKS AVAILABLE 165°F THRU 360°F
- API 607 FIRE SAFE VALVE AVAILABLE WITH ANSI 150# FLANGED, SOCKET WELD OR NPT ENDS



TOP VIEW (ARMED)



SIDE VIEW

1	valve mounting bracket	7	retaining arm
2	spring closing arm	8	fusible link(s)
3	valve stop	9	mounting plate fasteners
4	spring pack (03 or 05)	10	retaining studs
5	valve handle	11	spacer/washer
6	fusible link mounting plate	12	safety link (for shipping only)

HEAVY DUTY SPRING PACK

The armed spring pack features weatherproof sealed spring housing and corrosion resistant epoxy paint. The reliable low stress clock springs assure quick closing action when the fusible links yield.

CUSTOMIZED MOUNTING HARDWARE

A heavy-duty gauge bracket and top plate provide the durable, secure construction that AVK Carbo-Bond products are known for. An all stainless bracket, coupling, arming plate and hardware kit also are available.

FACTORY ASSEMBLED

All AVK Carbo-Bond fusible link assemblies are assembled by factory-trained personnel. The units then are armed with a protective safety link for shipping purposes.

RELIABLE FUSIBLE LINKS

AVK Carbo-Bond fusible links are designed to remain secure until releasing the spring pack when the desired temperature is reached. Soldered type fusible links are available in these temperature ranges:

LINK PART NUMBER	LINK YIELD TEMPERATURE	MAXIMUM AMBIENT TEMPERATURE
FL-1-165	165°F/74°C	135°F/57°C
FL-1-212	212°F/100°C	185°F/82°C
FL-1-280	280°F/138°C	253°F/123°C
FL-1-360	360°F/182°C	330°F/166°C

Please consult factory for special order links

NOTE: Links must be replaced on an annual basis as part of a regular maintenance program. Links are not rated for use in corrosive atmospheres.