

HOW TO ORDER CHECK-ALL STYLE TV (TCV)

BODY MATERIAL^①

BRASS = BR
CARBON STEEL = CS
316 SS = SS

See p. 4 for Temperature ratings

SPRING CRACKING PRESSURES

Replace "X" with actual desired setting.

Must use decimal as a character.

(PSI)	FORMAT
0.000 TO 0.999	= .XXX
1.00 TO 9.99	= X.XX
10.0 TO 99.9	= XX.X
NO SPRING	= NOSPRG

STANDARD CRACKING PRESSURES^②

.125	.500	1.50	3.50
(Sizes B-I Only)			

Note: Many other cracking pressures are available. Consult factory.

SPECIAL OPTIONS

T = FEP ENCAPSULATED SPRING
See p. 5 for Temperature ratings
Contact the factory for more options

VALVE STYLE

TV

SIZE

1/4	= B
3/8	= C
1/2	= D
5/8	= E
3/4	= F
7/8	= G
1	= H
1-1/4	= I
1-1/2	= J
2	= K

SEAT MATERIAL^③

AFLAS[®] = AS

BUNA-N = BN

EPDM = EP

KALREZ[®] = KZ

METAL-TO-METAL = MT

NEOPRENE = NE

PTFE (TF) = TF

VITON[®] = VT

STANDARD END FITTING O-RING MATERIAL

PTFE (TF)

BUNA-N (BN)

EPDM (EP)

PTFE (TF)

SEE NOTE BELOW^④

NEOPRENE (NE)

PTFE (TF)

VITON[®](VT)

See p. 4 for Temperature ratings

SPRING MATERIAL

316 SS = SS

HASTELLOY[®] C = HC

INCONEL[®] X-750 = IX

MONEL[®] = MO

17-7PH SS = PH

TITANIUM = TI

See p. 5 for Temperature ratings

Listed above are the most common material selections. Please contact the factory for additional options.

- ^① Brass valves have plated Carbon Steel fittings. Consult factory if other body or fitting materials are desired.
- ^② .500 PSI is the only standard cracking pressure for spring materials other than Stainless Steel. Cracking pressure tolerance is +/- 15%. .125 PSI springs are not recommended for installations with flow vertical down.
- ^③ Seat materials other than metal-to-metal have a maximum pressure rating of 1500 PSI. PTFE seats are not resilient. See page 49 for allowable leakage rates.
- ^④ Brass and Carbon Steel valves have Buna-N end fitting o-rings, 316 SS valves have Viton[®] end fitting o-rings.