

HOW TO ORDER

CHECK-ALL STYLE M1 - M8 (MCV)

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

.125 .500 1.50 3.50

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

SPECIAL OPTIONS

T = FEP ENCAPSULATED SPRING
See p. 5 for Temperature rating
 -C = Compression Tube (M5 - M8 only)
 -F = Flared Tube (M5 - M8 only)
 Contact the factory for more options

VALVE STYLE

M1
 M2
 M3
 M4
 M5
 M6
 M7
 M8

SIZE

1/8 = A
 1/4 = B
 3/8 = C

SEAT MATERIAL

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 tube fittings if applicable. 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.