

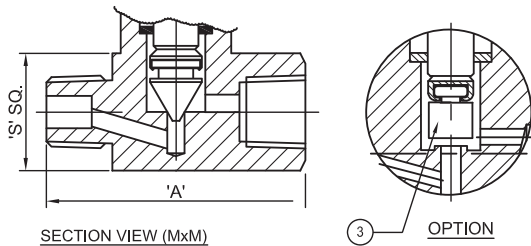
# MN10K TYPE

**END CONNECTIONS:**  
NPT, BSPP, BSPT, SOCKET WELD, BUTT WELD,  
TUBE FITTING

**FEATURES:**

- \* One body construction for superior corrosion resistance
- \* Pattern: Straight, Angle & Cross
- \* Panel mounting
- \* Bonnet
- Back seated blow out proof
- Dust cap protects stem threads from external contamination
- Packing: PTFE, GRAFOIL
- Leak tight seal with low operating torque
- \* Spindle:
  - Non-rotating tip, Ground and threaded rolled
  - Integral Hard & soft seatad
  - Orifice: Ø 0.19"
- \* Ratings (Metal seated)
  - Stainless Steel: 6000 PSIG @ 100°F (414 bar @ 38°C)
  - 450°F (232,2°C) limit for Teflon-packed valves
  - 1000°F (537,8°C) limit for Grafoil-packed valves
- \* Materials: 316 SST, 304SST, CS, Astelloy, Monel
- \* Material Traceability
- Test
  - \* Hydrostatic shell @ 1.5 of working pressure.
  - \* Each valve is tested with N2 @ 1000 Psi for seat & Packing leakage, prior to ship.
  - \* Lubrication. Molybdenum disulphide (mos2)

SIZE M x F	Orifice	S-SQ	A'	H	Cv Factor
¼"	3.5 (0.14")	25.4(1")	55(2.16")	86 (3.38")	0.35
3/8"	3.5 (0.14")	28(1.1")	55(2.16")	86 (3.38")	0.86
½"	4.8(0.19")	34(1.34")	75 (2.95")	98(3.86")	1.4
¾"	6.4(0.25")	38.1(1.5")	80 (3.15")	98(3.86")	1.8
1"	9.5(0.37")	45(1.77")	90(3.54")	102(4.01")	2.2



SIZE: 1/4" - 1"  
CE APPROVED

**HOW TO ORDER**

SIZE & END CONNECTIONS TYPE    BODY MATL    PACKING MATL

MN10K

ITEM	PARTS	QTY	MATERIAL
1	BODY	1	ASTM A276 TP 316
2	STEM	1	AISI 316 (17-4PH)
3	TIP	1	AISI 316
4	PACKING WASHER	1	AISI 316
5	PACKING GLAND	1	PTFE
6	LOCK NUT	1	AISI 316
7	GLAND RETAINER	1	AISI 316
8	DUST CAP	1	LDPE
9	HANDLE	1	SS 304
10	ALLEN BOLT	1	SST

