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Introduction

The CM2M (6000 psig - 414 barg) barstock construction, globe pattern, mini valve is designed for a safe, in-line repairable, long service life. The CM2M is a soft or hard seated valve, ensuring repetitive bubble-tight sealing in both standard and dirty process conditions and is available in all inlet & outlet configurations and materials. Specific CM2M models meet the requirements of NACE MR0175-2002. The CM2M is standardly equipped with a Delrin® seat and is available with an O-ring seal. To simplify installation requirements the CM2M series can be factory configured with a wide variety of various manufacturers tube fittings.

Features:

- Utilizes needle stem ends, which provide repetitive bubble-tight shutoff.
- All valves are hydrostatically tested to rated pressure prior to factory shipment.

- Full material traceability is standard on each CM2M. All valves are shipped standard with full material documentation for wetted components.
- All O-Rings are below the threads, which ensures the process does not contaminate the valve's actuation threads. This feature ensures smooth valve operation and long service life.
- All CM2M valves feature safety back seating ensuring the prevention of both accidental stem blowout and removal under pressure.
- Soft seats are in-line replaceable / repairable ensuring the CM2M provides economical, long service life. Standard soft seat material is Delrin. Readily available seat options include PEEK®.

CM2M Ordering Code:

CM2M 1 M22T NN 16 V SC

Materials of Construction:

- 1: SS - 316/316L (meets NACE MR0175-2002)
3: CS - A108 CS

(Other construction materials available - consult factory)

Inlet / Outlet Connections:

Standard threaded connections:

- M22T: 1/4" MNPT x 1/4" FNPT
F22T: 1/4" FNPT x 1/4" FNPT
M22M: 1/4" MNPT x 1/4" MNPT

Bonnet Assembly:

NN: O-ring, Needle tipped stem end.

Seat:

- 16: Delrin
15: PEEK

Note: Leave blank for hard seat

Packing:

V: Viton® O-ring

Special Construction Options:

- SG: Sour Gas (Valve to meet NACE MR0175-2002)
SC-O: Gaseous Oxygen Cleaned
SC: For other special requirements - consult factory
RH: Round Handle

