

CM25H

Globe Pattern, 5/16" (8mm) bore, 6000 psig - 414 barg hand valve

Century Valve
Instrumentation
Products

Large Bore Severe
Service Isolation Valves

9

Product Overview

The CM25H (6000 psig - 414 barg) barstock valve features a large, globe pattern 5/16"(8mm) bore, allowing free passage of viscous processes. Optional needle or ball stem ends provide repetitive, bubble-tight shutoff. The CM25H is available in a wide variety of inlet & outlet configurations and materials. Specific CM25H models meet the requirements of NACE MR0175-2002. The CM25H is available with Teflon® or Grafoil® packing or an O-ring seal. To simplify installation requirements the CM25H series can be factory configured with a wide variety of various manufacturers tube fittings.

Features:

- Available with either ball or needle stem ends, providing bubble-tight shutoff and ensuring long valve life. The non-rotating ball stem end eliminates seat galling.
- Overly large handle ensures ease of operation while actuating valve.
- All valves are hydrostatically tested to rated pressures prior to factory shipment.

Full material traceability is standard on each CM25H. All valves are shipped standard with complete material documentation for wetted components.

- Either the Teflon® or Grafoil® packing is easily adjustable in field.
- All packing is 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 CM25H's feature safety back seating ensuring the prevention of both accidental stem blowout and removal under pressure.
- Standard dust covers ensure long service life by preventing the elements (rain, snow, dirt, etc.) access to the bonnet assembly.

CM25H Ordering Code:

CM25H 1 M44T GN G SC

Materials of Construction:

- 1: SS - 316/316L (meets NACE MR0175-2002)
2: CS/SS - A105 CS Body w/ SS Trim (meets NACE MR0175-2002)
3: CS - A108 CS

(Other construction materials available - consult factory)

Inlet / Outlet Connections:

Standard threaded connections: Standard socket weld connections:

- M88T: 1" MNPT x 1" FNPT MS88S: 1" MSW x 1" FSW
F88T: 1" FNPT x 1" FNPT FS88S: 1" FSW x 1" FSW

Optional buttweld connections available - consult factory.

Bonnet Assembly:

- G: Adjustable packing, rotating ball tipped stem end
GN: Adjustable packing, Needle tipped stem end, (plug) rotating

Packing:

- T: Teflon®, Adjustable packing
G: Grafoil®, Adjustable packing

Special Construction Options:

- SC-L: Bonnet lock upgrade (in accordance with ANSI B31.1)
SG: Sour Gas (Valve to meet NACE MR0175-2002)
SC-O: Gaseous Oxygen Cleaned
SC: For other special requirements - consult factory

