

Installation & Operating Manual



Flanged Globe Valves

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1. Introduction

- The CORE range of Flanged Globe Valves are suitable to be used as on / off operating devices in pipework systems.
- The CORE range of flanged Globe valves have been classified in accordance with PED 2014/68/EU.

2. Technical Data

Valve Type	Size Range	Connection Type	Temperature Rating	Pressure Rating (Max)
CORE 382 PN16	DN 50 – DN 300	EN 1092-2 PN 16	-10°C – 200°C	16 bar

3. Valve Features

- The CORE range of Flanged Globe Valves are operated by use of handwheel.
- The CORE range of Flanged Globe Valves can be used in both fully open or partially open states.

4. Valve Installation

- CORE recommend that the installer adheres to the installation requirements as specified by the Water Supply Water Fittings Regulations 1999.
- Globe valves provide a positive shut off and the valve is uni-directional only. Please ensure that the fluid flow corresponds with the arrow on the valve.
- The valve should be sited to ensure ease of access.
- It is the responsibility of the installer to ensure the valve is suitable for service conditions e.g., temperature, pressure, and service media.
- Where fitted, remove flange protectors / dust caps and all other packaging material.
- Care should be taken to ensure the surface finish of the valve is protected during installation. Any damage to the valve surface may cause metallic corrosion.
- The valves may be installed in horizontal pipework with the stem in the vertical position, or in vertical pipework with the stem horizontal.
- Suitable gaskets should be used during installation.
- It is the responsibility of the installer to ensure that the valve, and adjoining pipework is suitably supported.
- Bolt tightening must be even and diagonal around the valve face to prevent any alignment distortion. For further details regarding bolting sequences please contact your CORE representative.



5. Approvals Classification

- Please contact your CORE representative Quality Department for further details of any specific product approvals and accreditations.

6. Troubleshooting

- If any maintenance is to be undertaken on the CORE range of Flanged Globe Valve it is the responsibility of the installer to ensure the system is adequately drained, depressurized and the valve isolated before any work commences.
- A full risk assessment should be undertaken prior to any works taking place.

7. Warranty

- For further details about the CORE range's warranty period, please contact your CORE representative.