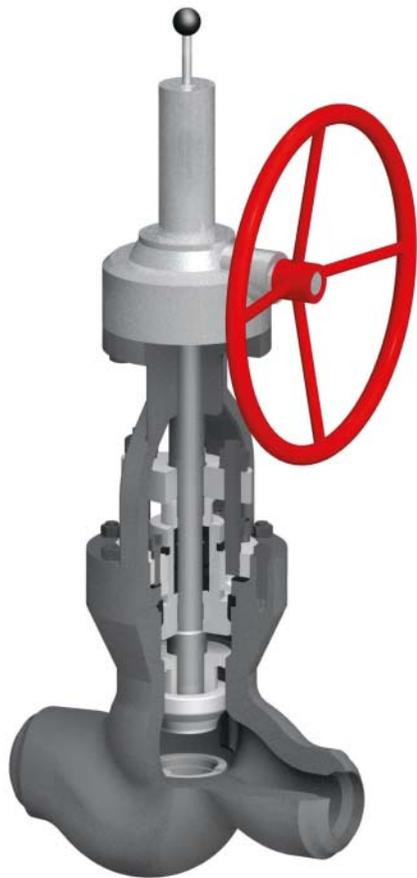


GLOBE VALVES

GLOBE PRESSURE SEAL



FLUITEK ORSENIKO VALVES has a very extended experience in globe valves manufacturing. In this kind of valve, the disc is moving in a perpendicular direction away from the seats. This implies the disc-to-seat ring contact to be at right angle, which permits the force of closing to tightly seat the disc, reducing the seat leakages. Normally, the globe valves are arranged so that the disc closes against the direction of fluid flow.

The stem and the disc are not strictly fixed together, but the disc can swivel in order to guarantee the complete contact between the disc and seats surfaces. The disc can be plug type, needle type or parabolic type. FLUITEK ORSENIKO VALVES globe valves are on/off valves, but sometimes they are utilized in throttling service. In this case the parabolic disc shape is preferable, since the ratio between the stem position and the fluid flow is constant.

Cast body construction and forged body construction are both available. Materials range from carbon steel to low alloy steel, to austenitic stainless steel, to nickel alloys.

Packing systems are based on graphite material, but ceramic fiber yarn packing sets are also available for temperature exceeding 600°C.

Materials are either to ASTM/ASME standards or to EN standards, either harmonized or calculated to design conditions.

Pressure classes (per ANSI standard) are normally ranging from 900# to 1500# to 2500#. Class 4500# is also available to customer request. Size range depends on pressure class requirements, FLUITEK ORSENIKO VALVES having no limits in relation to market requirements.



A typical example is class 1500#, sizes in the most used range, but not limited to.

CHARACTERISTICS - ANSI 1500#

Nominal Size [inches]	Pressure Class	Bore diameter [mm]	Face to face [mm]	From center line to top of actuator mounting flange[mm]	Total weight [kg]
2"	1500	47	368	502	70
3"	1500	60	405	512	105
4"	1500	90	457	667	161
6"	1500	130	610	940	455
8"	1500	160	737	1168	780
10"	1500	210	838	1391	1050
12"	1500	238	965	1645	1200
14"	1500	260	1029	1810	1681
16"	1500	297	1321	1981	2100
>16"	On application				