

GLOBE VALVES Y-PATTERN BOLTED BONNET

In addition to the line of globe valves bolted bonnet, FLUITEK ORSENIKO VALVES has added a line of same type of valve but with an inclined stem configuration, called Y-pattern type, as an alternative to the straight pattern, also called T-pattern. In principle, the Y-pattern configuration presents lower pressure drops at equal flow rate. The disc is normally either plug type or parabolic shaped. Cast body construction is normally used. Ends configuration is either with flanged ends or with butt weld ends. Materials range from carbon steel to low alloy steel, to austenitic stainless steel, to nickel alloys.

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 150# to 300# to 600#. Size range depends on pressure class requirements, normally not exceeding 12". FLUITEK ORSENIKO VALVES has anyhow no limits in relation to market requirements.



A typical example is class 600#, sizes in the most used range, but not limited to.

CHARACTERISTICS – ANSI 600#							
Nominal Size [inches]	Pressure Class	Bore diameter [mm]	Face to face [mm]	From center line to top [mm]	Total weight [kg]	Total weight [kg]	
					Flanged	BW	
2"	600	51	292	290	41	35	
3"	600	76	356	340	80	65	
4"	600	102	432	410	143	106	
6"	600	152	559	550	318	281	
8"	600	200	660	648	595	540	
10"	600	248	787	890	863	738	
12"	600	298	838	1150	1113	967	
>12"	On application						