



FLUITEK ORSENIGO VALVES provides considerable experience in the production of gate valves for low temperature service (below -50°C). Low temperature test in accordance with BS 6364:1984 Appendix A is available.

Standard materials are austenitic steels (e.g. CF8/CF3; CF8M/CF3M) with metal seals and /or soft inserts (usually based on PTFE). The implementation requires extremely accurate machining for a smooth functioning of the valve in service.

A special kind of service is the oxygen service in the air liquefaction plants. For that application FLUITEK ORSENIGO VALVES has developed a procedure and a dedicated production shop. The valves are cleaned and treated in order to meet the industry requirements, with the capability of performing quantitative verification of the degree of cleanliness.

The valves are supplied on request with mounting plate for installation in "cold box".

Equalizing systems are provided to prevent trapping of fluid in the body and bonnet extension cavities.

A typical example are gate valves, unidirectional, soft seated, 600# class.

CHARACTERISTICS - ANSI 600#					
Nominal Size [inches]	Pressure Class	Bore Diameter [mm]	Face to face [mm]	From valve center line to the top [mm]	Total weight [kg]
3"	600	76	283	1138	62
4"	600	100	305	1310	85
6"	600	150	403	1465	160
8"	600	200	419	1620	255
10"	600	250	457	1795	376
12"	600	300	502	2040	565