

3-Stages Ball Valve

DESCRIPTION

The three-stages ball valve is used in a centrifugal compressor seal gas booster system. The valve is pneumatically actuated with a single acting spring return pneumatic actuator.

APPLICABLE STANDARDS

The applicable codes and standards are:

- European Directive No. 97/23/EC (PED)
- European Directive No. 94/9/EC (ATEX)
- ASME VIII Div. 1
- ANSI B16.34
- NACE MR01.75

DESIGN CONDITION

ITV SERIES	TF252500	
RATINGS	MP VERSION	HP VERSION
Design pressure	200 Bar-g	350 Bar-g
Process fluid	Natural gas or others	
Design Temperature	180°C	
Air supply pressure	Min 4 - Norm 6 - Max 9 Bar-g	
Weight	Approx. Kg 90	

STANDARD CONNECTIONS

DESCRIPTION	TYPE
Inlet / Outlet	Flanged type: 1" W.N. ANSI 2500 RJ
	Threaded type: 1" NPT-F
instrument air inlet	1/4" NPT-F

STANDARD MATERIALS

	MP VERSION	HP VERSION
	200 Bar-g	350 Bar-g
Body	AISI 316L S.S.	Duplex S.S.
Ball	AISI 316L S.S.	
Seal seat / stem seal	Carbographite + Viton FR 58/90 ex-proof	
Gasket	Viton FR58/90 ex-proof	
Studs and Nuts	AISI 316L S.S.	
Connection flanges	AISI 316L S.S.	Duplex S.S.
Pneumatic actuator	Piston type single effect - Casing aluminium	



DIMENSIONS

