



Performance Specification	
Class	900
Shell Test	22.5
Back Seal Test	↕ ---
Seal Test	16.5
Air Test	0.6
Suitable Temp	-29~425
Suitable Media	water, steam, oil

Technical Requirements

1. Design & Manufacture conform to API 600
2. Face to Face to ASME B16.10
3. Flange dimension conforms to ASME B16.5
4. Test & Inspect conform to API 598

17	Nut	A194 2H	
16	Lantern Ring	ASTM A276 T410	
15	Seat Ring	ASTM F304	
14	Seal Shaft	ASTM F304	
13	Lift Ring	ASTM A1025	
12	Nut	ASTM A194 2H	
11	Bolt	ASTM A1931 B7	
10	Armor Plate	A105	
9	Guarto Ring	A276 T410	
8	Seat ring	ASTM A182 410	
7	Bonnet	ASTM A216 WCB	
6	Ping	ASTM A194 B7	
5	Nut	ASTM 276 410	
4	Hing	ASTM A216 WCB	
3	Seat	A105+STL	
2	Disc	WCB+STL	
1	Body	ASTM A216 WCB	
No.	Name	Material	
SWING CHECK VALVE		FIG NO	
		12"H44Y-900	
DESIGN			
CHECKED			
WEIGHT			
STV Valve Technology Group Co., Ltd			