



technical demand
 1?Design & manufacture according to ASME B16.34
 2?face to face according to ASME B16.10
 3?flange end dimension according to ASME B16.5
 4?inspection & test according to API598

Main Performance:

Nominal diameter	10 in
Nominal Pressure	900LB
Strength test pressure	22.5 MPa
Seal test pressure	16.5 MPa
Air seal pressure	0.6 MPa
Max. temperature	≤ 425 °C
Medium	Water, air, steam, gas etc

(mm)

DN	L	B	A
10	787	243	278

22	Nut	ASTM A194 2H		
21	Bolt	ASTM A193 B7		
20	Wormgear actuator			
19	Eyelet Bolt	ASTM A193 B7		
18	Nut	ASTM A194 2H		
17	Gland	ASTM A216 WCB		
16	Gland flange	ASTM A276 420		
15	Double open ring	ASTM A276 420		
14	Lug Ring	ASTM A216 WCB		
13	Pin	SS304		
12	Bolt	ASTM A193 B7		
11	Nut	ASTM A194 2H		
10	Yoke	ASTM A216 WCB		
9	Ring	A105		
8	Stem packing	Graphite		
7	Four piece ring	A105		
6	Pressure ring	A105		
5	Seal Gasket	Graphite+304		
4	Bonnet	ASTM A216 WCB		
3	Stem	ASTM A182 F6a		
2	Disc	ASTM A216 WCB+13CR		
1	Body	ASTM A216 WCB+STL		
NO	CODE	NAME	QTY	MATERIAL

900Lb BW Gate VALVE

STV VALVE TECHNOLOGY GROUP CO., LTD