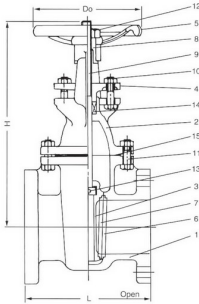


## Gate Valve O.S. & Y ANSI Class 125/BS5163 PN16



### Components

1	Body	Cast iron or Ductile iron
2	Bonnet	Cast iron or Ductile iron
3	Disc	Cast iron or Ductile iron
4	Gland Flange	Cast iron or Ductile iron
5	Handwheel	Cast iron or Ductile iron
6	Body Seat Ring	Cast brass or Cast bronze
7	Disc Seat Ring	Cast brass or Cast bronze
8	York Sleeve	Brass or Bronze
9	Stem	Stainless steel / Brass
10	Stud Bolt & Nut	Carbon steel
11	Stud Bolt & Nut	Carbon steel
12	Wheel Nut	Carbon steel / Brass
13	Taper Pin	Carbon steel
14	Gland Packing	Asbestos
15	Gasket	Asbestos

### Application

- Design according to ANSI B16.10 Class 125 / BS5163: 1986, Flanged and face to ANSI B16.1 – 1975 Class 125 / BS4504 PN16.
- For water, neutral liquids and oil, gas

### Test

Working Pressure		125 PSI / 16 bars
Test Pressure	Shell	300 PSI / 24 bars
	Seat	200 PSI / 17.6 bars

### Dimensions

Unit : mm

DN	L	H	Do	ANSI Class 125				BS 5163 PN16			
				Flange Dia.	No. of Hole	Dia. of Hole	P. C. D.	Flange Dia.	No. of Hole	Dia. of Hole	P. C. D.
2"	178	365	200	152	4	19	121	165	4	18	125
2.1/2"	190	442	200	178	4	19	139	185	4	18	145
3"	203	541	240	191	4	19	152	200	8	18	160
4"	229	616	240	229	8	19	191	220	8	18	180
5"	254	710	285	254	8	22	216	250	8	18	210
6"	267	812	300	279	8	22	241	285	8	23	240
8"	292	1012	360	343	8	22	298	340	12	23	295
10"	330	1182	400	406	12	25	362	405	12	27	355
12"	365	1383	450	483	12	25	432	460	12	27	410
14"	381	1650	480	533	12	25	476	520	16	27	470
16"	406	1880	500	597	16	29	540	580	26	30	525
18"	432	2100	500	635	16	32	578	640	20	30	585
20"	457	2340	540	699	20	32	635	715	20	33	650
24"	610	2770	720	813	20	35	749	840	20	36	770