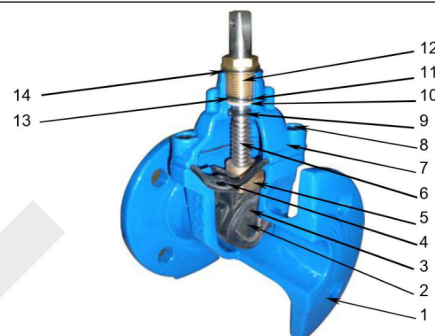
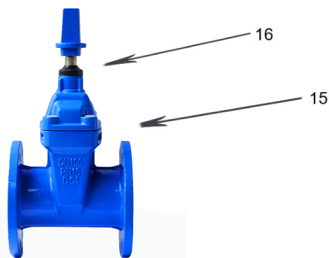


AUT

Resilient Seat Gate Valve BS5163 TYPE A
PN10 / PN16
Model: FIG01

**Parts**

No.	Parts name	Material	Standard	Grade	Test	PN10	PN16	PN25
1	Body	Ductile iron	BS 2789	500/7	Normal Pressure	15bars	24bars	37.5bars
2	Wedge casting	Ductile iron	BS 2789	500/7	Shell pressure	11bars	17.6bars	27.5bars
3	Wedge rubber	Synthetic Rubber	BS 2494	EPDM	Seat pressure			
4	Bonnet gasket	Synthetic Rubber	BS 2494	EPDM	Max .Temp	70 °C		
5	Stem Nut	Gunmetal	BS 1400	LG2				
6	Stem	Stainless steel	BS 970 - part 1	431S29				
7	Bonnet	Ductile iron	BS 2789	500/7				
8	Bonnet Bolt	Carbon Steel	BS 1769	A3				
9	O-ring	Synthetic Rubber	BS 2494	EPDM				
10	O-ring	TFL						
11	O-ring	Synthetic Rubber	BS 2494	EPDM				
12	Trust collar	Gunmetal	BS 1400	LG2				
13	Collor guide	Gunmetal	BS 1400	LG2				
14	O-ring	Synthetic Rubber	BS 2494	EPDM				
15	Bolt cover	NYL						
16	Cap	Ductile iron	BS 2789	500/7				

Designs

1	Design according to BS 5163:1994, TYPE A
2	Face to face according to ANSI B16.10
3	Flange drilled according to BS 4504 PN10, PN16, PN25
4	Inspection and test according to BS 6755
5	Internal and external coating by fusion bonded epoxy powder 250 micron thickness

Dimensions

Unit : mm

DN	L	H	Dimensions of Flange (PN10 / PN16 / PN25)			
			Dia. of flange	Nos. of hole	Dia. of hole	P.C.D.
			PN10 / PN16 / PN25	PN10 / PN16 / PN25	PN10 / PN16 / PN25	PN10 / PN16 / PN25
DN50	178	280	165 / 165 / 165	4 / 4 / 4	18 / 18 / 19	125 / 125 / 125
DN65	190	320	185 / 185 / 185	4 / 4 / 8	18 / 18 / 19	145 / 145 / 145
DN80	203	335	200 / 200 / 200	8 / 8 / 8	18 / 18 / 19	160 / 160 / 160
DN100	229	350	220 / 220 / 235	8 / 8 / 8	18 / 18 / 23	180 / 180 / 190
DN125	254	450	250 / 250 / 270	8 / 8 / 8	18 / 18 / 28	210 / 210 / 220
DN150	267	500	285 / 285 / 300	8 / 8 / 8	22 / 22 / 28	240 / 240 / 250
DN200	292	600	340 / 340 / 360	8 / 12 / 12	22 / 22 / 28	295 / 295 / 310
DN250	330	700	395 / 405 / 425	12 / 12 / 12	22 / 26 / 31	350 / 355 / 370
DN300	356	800	445 / 460 / 485	12 / 12 / 16	22 / 26 / 31	400 / 410 / 430
DN350	381	870	505 / 520 / 555	16 / 16 / 16	22 / 26 / 33	460 / 470 / 490
DN400	406	950	565 / 580 / 620	16 / 16 / 16	26 / 30 / 36	515 / 525 / 550
DN450	432	1100	615 / 640 / 670	20 / 20 / 20	26 / 30 / 36	565 / 585 / 600
DN500	457	1250	670 / 715 / 730	20 / 20 / 20	26 / 34 / 36	615 / 650 / 660
DN600	508	1400	780 / 840 / 845	20 / 20 / 20	30 / 36 / 39	725 / 770 / 770

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