



SPECIFICATIONS

Size	2"-12"
Class	ANSI 125
Design	MSS SP-85
Face to Face	ASME B16.10
End Flange	ASME B16.1
Test	MSS SP-85

STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Body	Cast Iron
2	Seat	Cast Iron
3	Gland Guide	Brass
4	Stem Guide	Cast Bronze
5	Seat Ring	Brass
6	Disc Ring	Cast Bronze
7	Disc	Cast Iron
8	Swivel Nut	Cast Brass
9	Gasket	Brass
10	Stem	Brass
11	Bonnet	Cast Iron
12	Bolts	Steel
13	Bolts	Steel
14	Packing	Graphite
15	Packing Gland	Cast Brass
16	Nuts	Steel
17	Body Gasket	Graphite
18	Gland Follower	Ductile Iron
19	Screws	Steel
20	Stem Nut	Cast Bronze
21	Washer	Steel
22	Handwheel Nut	Steel
23	Handwheel	Cast Iron

DIMENSIONS

DN	OUTLINE			END FLANGE ANSI 125LB mm				
	L	h	D	a	d	c	T	x-n
2"	203	293	178	50	152	121	15.9	4-Ø19
2.5"	216	322	178	63.5	178	140	18	4-Ø19
3"	241	355	200	75	191	152	19	4-Ø19
4"	292	425	254	100	229	191	23.8	8-Ø19
5"	330	450	300	125	254	216	23.8	8-Ø22
6"	356	505	300	150	279	241	25	8-Ø22
8"	495.3	575	348	202	343	299	28.6	8-Ø22
10"	622	658	400	250	406	362	30.2	12-Ø25
12"	698.5	785	457	305	483	432	32	12-Ø25