



- DESCRIPTION**
1. Conforms to BS 5150 PN16&BS 5163.
 2. Face to face dimensions conform to BS 5150 Series 3, EN 558, 1 Series 3.
 3. Flanges drilled to BS 4504, EN 1092-2 PN16
 4. Nominal Pressure: 1.6MPa.
 5. Seat Test Pressure: 1.76MPa.
 6. Shell Test Pressure: 2.4MPa.
 7. Suitable Temperature: <232°C
 8. Suitable Media: Water, Oil, Gas.

Size	L	D	D1	D2	D3	b	C	n-Ød	D4	H
50	178	99	51	125	165	20	3	4-Ø19	178	289
65	190	118	65	145	185	20	3	4-Ø19	178	323
80	203	132	80	160	200	22	3	8-Ø19	200	338
100	229	156	102	180	220	24	3	8-Ø19	254	411
125	254	184	127	210	250	26	3	8-Ø19	300	503
150	267	211	152	240	285	26	3	8-Ø23	300	558
200	292	266	203	295	340	30	3	12-Ø23	348	650
250	330	319	254	355	405	32	3	12-Ø28	400	770
300	356	370	305	410	460	32	4	12-Ø28	457	861
350	381	429	356	470	533	36	4	16-Ø28	508	980
400	406	480	406	525	597	38	4	16-Ø31	558	1050
450	432	548	457	585	635	40	4	20-Ø31	610	1200
500	457	609	508	650	715	42	4	20-Ø34	640	1265
600	508	720	610	770	840	48	5	20-Ø37	762	1455

19	Handwheel Nut	Steel	ASTM A307 B
18	Washer	Steel	ASTM A307 B
17	Name Plate	Al	
16	Handwheel	Cast Iron	ASTM A126 B
15	Gland Follower	Ductile Iron	ASTM A536 65-45-12
14	Packing	Graphite	Non Asbestos
13	Stuffing Box	Cast Iron	ASTM A126 B
12	Stuffing Box Gasket	Graphite	Non Asbestos
11	Gland Follower Bolts	Steel	ASTM A307 B
10	Bonnet	Cast Iron	ASTM A126 B
9	Nuts	Steel	ASTM A307 B
8	Bolts	Steel	ASTM A307 B
7	Body Gasket	Graphite	Non Asbestos
6	Stem	Brass	ASTM B16
5	Yoke Bushing	Cast Brass	ASTM B584
4	Wedge	Cast Iron	ASTM A126 B
3	Wedge Ring	Cast Bronze	ASTM B62
2	Body Seat Ring	Cast Bronze	ASTM B62
1	Body	Cast Iron	ASTM A126 B
NO.	Part Name	Material	Material Standard

DRAWN	Wang	WEIGHT		MATERIAL
CHK		SCALE		Non-Rising Gate Valve
APP		DATE	07/19/2024	

Hiwa

CZ0043

REV 2407/19a