



Performance Properties	
Nominal Pressure: Class 150 Lb	
Shell Test Pressure	3.0
Seal Test Pressure	2.0
Airtight Test Pressure	0.6
Suitable Temperature: -29~425°C	

Technical Requirements:

1. Design & manufacture: API 609.
2. Inspection & testing: API 598.
3. Face to face dimensions: ANSI B16.10.
4. Flange ends dimensions: ANSI B16.47 Series B.
5. Pressure-Temp ratings: ASME B16.34.
6. Valve marking: MSS-SP-25.

Part Name & Material List

Item	Part Name	Material
1	Bottom Cover	ASTM A216 WCB
2	Hexagon Bolt	ASTM A193 B7
3	Seal Gasket	Soft Graphite
4	Down Bearing Bushing	Self Lubricating Part
5	Body	A216 WCB + 13Cr Overlay
6	Seal Ring	SS304+Graphite
7	Disc Cover	ASTM A105
8	Hexagon Bolt	ASTM A193 B7
9	Disc	ASTM A216 WCB
10	Stem	ASTM A276 420
11	Pin	ASTM A276 420
12	Up Bearing Bushing	Self Lubricating Part
13	Packing	Soft Graphite
14	Packing Gland	ASTM A216 WCB
15	Hexagon Nuts	ASTM A194 2H
16	Spring Gasket	AISI 1065
17	Studs	ASTM A193 B7
18	Support	ASTM A216 WCB
19	Hexagon Nuts	ASTM A194 2H
20	Spring Gasket	AISI 1065
21	Studs	ASTM A193 B7

Welco Valve Co

Add: Sinqiao Industrial Zone, Qubei, Yongjia, Zhejiang, China

General Assembly Drawing

150# WAFFER CS A216 WCB BODY WCB/13CR DISC METAL SEAT

Product Name

API 609 TRIPLE OFFSET BUTTERFLY VALVE

Drawing No. ZWZ012.00.00

28"-60"Ø43H150Lb-00

REV.001 SHEET.1 SCALE: 1:1

Main Dimension

DN	L	ØD1	ØD2	N-M	H1	H2	H	W	W(KG)	T.(N.M)	Top Flange
28"(DN700)	165	795.3	762	40- $\frac{3}{4}$ "	680	505	80	80	440	18000	ISO5211-F30
32"(DN800)	190	900.2	863.6	48- $\frac{3}{4}$ "	740	575	90	90	600	25000	ISO5211-F30
36"(DN900)	203	1009.7	971.6	44- $\frac{3}{4}$ "	790	635	90	90	730	28000	ISO5211-F30
40"(DN1000)	216	1120.7	1079.5	44- $\frac{1}{2}$ "	890	700	90	90	1000	31000	ISO5211-F35
48"(DN1200)	284	1335.1	1289.1	44- $\frac{1}{2}$ "	990	800	110	110	1600	45000	ISO5211-F40
56"(DN1400)	279	1543.1	1492.3	60- $\frac{1}{2}$ "	1160	980	110	110	2000*	60000	ISO5211-F40
60"(DN1500)	318	1662.2	1600.2	52- $\frac{1}{2}$ "	1210	1030	110	110	2300*	65000	ISO5211-F40

Mark

Places

Department

Doc. Ref.

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DRAWN BY

CHECKED BY

APPROVED BY

QUOTATION No.

ZWZ012.00.00

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S/C0012.00.00