



NO	NAME	MATERIAL
1	BODY	ASTM A536 65-45-12
2	GATE	ASTM A536 + NBR
3	STEM	ASTM B16
4	BODY SEAL	NBR
5	BOLT	ASTM F593 GROUP 1 304
6	NUT	ASTM F593 GROUP 1 304
7	WASHER	ASTM F593 GROUP 1 304
8	BONNET	ASTM A536 65-45-12
9	O-RING	NBR
10	O-RING	NBR
11	O-RING	NBR
12	WASHER	PTFE
13	DUST SEAL	NBR
14	WASHER	ASTM F593 GROUP 1 304
15	BOLT	ASTM F593 GROUP 1 304
16	YOKE	ASTM A536 65-45-12
17	STEM NUT	ASTM B16
18	WASHER	PTFE
19	HANDWHEEL	ASTM A536 65-45-12
20	LOCKING NUT	ASTM B16

Design Specification
 Design confirm to AWWA C509/C515
 Connections confirm to ASME B16.1
 Face to face confirm to ASME B16.10
 Pressure Rating: Class 150/Class 250

SIZE	L1	H	Df	D1	z	df	TORQUE (FT-LB)	TURNS
2	7.00	11.6	6.0	4.75	4	0.75	26	7.5
2 1/2	7.50	13.0	7.0	5.50			30	8.5
3	8.00	14.4	7.5	6.00			33	11
4	9.00	16.8	9.0	7.50	8	0.875	44	13.5
5	10.00	19.9	10.0	8.50			52	16.7
6	10.50	22.6	11.0	9.50			59	19.8
8	11.50	28.5	13.5	11.75	12	1	89	26.2
10	13.00	34.0	16.0	14.25			111	32.5
12	14.00	29.2	19.0	17.00			133	38.7
14	15.00	44.3	21.0	18.75		1.125	170	45

2" - 14" C509/C515 OS&Y Gate Valve (FLxFL)



DWG NO. B14OSGV

