



NO	NAME	MATERIAL
1	BODY	ASTM A536 65-45-12
2	GATE	ASTM A536 + EPDM
3	STEM NUT	ASTM B16
4	STEM	ASTM A276 304
5	BODY SEAL	EPDM
6	UPPER BODY	ASTM A536 65-45-12
7	BOLT	ASTM F593 GROUP 1 304
8	NUT	ASTM F593 GROUP 1 304
9	WASHER	ASTM F593 GROUP 1 304
10	O-RING	EPDM
11	THRUST BEARING	PTFE
12	O-RING	EPDM
13	THRUST BEARING	PTFE
14	O-RING	EPDM
15	O-RING	EPDM
16	DUST SEAL	EPDM
17	GLAND	ASTM A536 65-45-12
18	WASHER	ASTM F593 GROUP 1 304
19	BOLT	ASTM F593 GROUP 1 304
20	2" AWWA NUT	ASTM A536 65-45-12
21	WASHER	ASTM F593 GROUP 1 304
22	BOLT	ASTM F593 GROUP 1 304

**Design Specification**  
 Design confirm to AWWA C509/C515  
 Connections confirm to C111/A21.11  
 Face to face confirm to ASME B16.10  
 Pressure Rating: Class 150/Class 250

SIZE	L2	H	Dm	D2	Z	dm	TORQUE (FT-LB)	TURNS
2	8.5	10.375	6.125	4.8	2	0.75	26	7.5
2 1/2	8.25	11.375	6.75	5.4			30	8.5
3	8.5	12.5	7.6875	6.19			33	11
4	9.5	13.875	9.125	7.5	4	0.875	44	13.5
5		16					52	16.7
6	10	17.5	11.125	9.5	6	59	19.8	
8	10.5	21	13.375	11.75	8	89	26.2	
10	12	24.5	15.69	14	111	32.5		
12	13	27.375	17.94	16.25	133	38.7		
14	14	30.75	20.31	18.75	170	45		

2" - 14" C509/C515 NRS Gate Valve (MJxMJ)



DWG NO. B14NRMGV