



MATERIAL SPECIFICATION

PART NO.	Description	Material Specification	Options
1	Valve Body	Ductile Iron ASTM A536 , 65-45-12	
2	Resilient Wedge Disc	Ductile Iron ASTM A536,65-45-12+EPDM	
3	Stem	Stainless steel 316	Stainless steel AISI 304/431, Bronze ASTM B584
4	Bonnet Gasket	EPDM ASTM D2000	NBR ASTM D2000
5	Bonnet	Ductile Iron ASTM A536 , 65-45-12	
6	O-Ring	NBR ASTM D2000	EPDM ASTM D2000
7	Gland	Ductile Iron ASTM A536 , 65-45-12	
8	Hand wheel	Ductile Iron ASTM A536 , 65-45-12	
9	Bolt	Stainless steel 316	Stainless steel 304
10	Flat Washer	Stainless steel 316	Stainless steel 304
11	Ring Washer	EPDM ASTM D2000	NBR ASTM D2000
12	O-Ring	NBR ASTM D2000	EPDM ASTM D2000
13	Bolt	Stainless steel 316	Stainless steel 304
14	Axis Guide	Brass ASTM B-283 C37700	
15	Washer	Brass ASTM B-283 C37700	
16	O-Ring	NBR ASTM D2000	EPDM ASTM D2000
17	Bolt	Stainless steel 316	Stainless steel 304
18	Wedge Nut	Brass ASTM B-283 C37700	Bronze ASTM B-584 Alloy C89833

Note:For special material request other than standard specification, please indicate clearly on the inquiry or order list.

- Connection Ends: Mechanical Joint to ANSI/AWWA C153/A21.53
- Working Pressure:300PSI  
200PSI and 250PSI available upon request
- Temperature Range:0°-80°C
- Coating: Fusion Bonded Epoxy Coating Complies with ANSI/AWWA C550



DN	Dimensions(Inch)							
	L	H	D	D1	E	F	C	n-ØL
2"	8.0	10.00	5.98	4.75	3.50	2.61	0.63	2-Ø0.75
3"	9.0	11.85	7.68	6.18	4.94	4.06	0.75	4-Ø0.75
4"	9.0	13.98	9.13	7.50	6.02	4.90	0.75	4-Ø0.88
6"	11.5	17.64	11.10	9.50	8.12	7.00	0.75	6-Ø0.88
8"	12.5	21.57	13.39	11.73	10.27	9.15	0.87	6-Ø0.88
10"	14.8	24.65	15.63	14.00	12.34	11.20	0.94	8-Ø0.88
12"	14.9	28.43	17.87	16.25	14.44	13.30	1.00	8-Ø0.88

<b>DRAWN BY:</b> Cindy Zhang	<b>DRAWING #</b> JMZ35XC	<b>AWWA C515 Mechanical Joint Resilient NRS Gate Valve</b>	
<b>CHECKED BY:</b> Cherry Chen		<b>Series NO.:JMZ35XC</b>	
<b>APPROVED BY:</b> Meng Xiang	<b>ISSUE DATE</b> 160427-16	 <b>KINGER INDUSTRY INC.</b>	REV.00.