

MATERIAL SPECIFICATION


PART NO.	Description	Material Specification	Options
1	Valve Body	Ductile Iron ASTM A536,65-45-12	
2	Hinge Pin	Stainless steel 420	
3	Spring	Stainless steel 304	Stainless steel 316
4	Eye Bolt	Carbon Steel Zinc Plated	
5	Disc	2"-4":Stainless steel 304	
		6"-12":Ductile Iron ASTM A536,65-45-12	
6	Disc Sealing Ring	EPDM ASTM D2000	
7	Seat Ring	Bronze ASTM B62 C83600(Pressed Fit)	Stainless steel 304/316 , Pressed Fit or Threaded
8	Plug	Malleable Iron Galvanized	Bronze ASTM B584
9	Plug	Malleable Iron Galvanized	Bronze ASTM B584
10	Plug	Malleable Iron Galvanized	Bronze ASTM B584
11	Plug	Malleable Iron Galvanized	Bronze ASTM B584
12	Bolt	Stainless steel 304	Stainless steel 316
13	Washer	Stainless steel 304	Stainless steel 316
14	Nut	Stainless steel 304	Stainless steel 316

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

- Connection Ends: Groove to AWWA C606
- Working Pressure: 300PSI  
200PSI and 250PSI available upon request
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550 or painting upon request

DN	Dimensions(Inch/mm)				
	L	D1	D2	B	C
2"	6.73	2.25	2.37	0.31	0.63
2.5"	7.24	2.72	2.87	0.31	0.63
3"	7.76	3.34	3.50	0.31	0.63
4"	8.27	4.33	4.50	0.38	0.63
5"	9.76	5.39	5.56	0.38	0.63
6"	12.76	6.46	6.63	0.38	0.63
8"	14.61	8.44	8.63	0.44	0.75
10"	17.99	10.56	10.75	0.50	0.75
12"	21.06	12.53	12.75	0.50	0.75



<b>DRAWN BY:</b> Cindy Zhang	<b>DRAWING #:</b> JMH84X	<b>Grooved Resilient Swing Check Valve</b>	
<b>CHECKED BY:</b> Cherry Chen		<b>Series NO.:JMH84X</b>	
<b>APPROVED BY:</b> Meng Xiang	<b>ISSUE DATE</b> 160427-11	 <b>KINGER INDUSTRY INC.</b>	REV.00.