



NOTE:
 1.End-to-End dimensions according to MSS SP-67-2002.
 2.Dimensions for Top work according to ISO5211.
 3.Dimension for Grooved according to ANSI/AWWA C606-97.

VALVE SIZE	F
2"-6"	266.7
8"	359
10-12"	499

TECHNICAL DATA	
NOMINAL DIAMETER	DN50-DN300
SERVICE PREESURE	1.6MPa
TESTING PREESURE	SEALING 1.76MPa
	SHELL 2.4MPa

SIZE	A	B	φC	D	OD	φG	φH	φN	L1	a	b	e	d	φ	M
2"	100	70	67	82.4	60.3	65	50	7	32	15.88	7.93	57.15	50.8	30	8.86
2.5"	106	75	80	96.8	73.0	65	50	7	32	15.88	7.93	69.09	63.5	32	8.86
3"	112.5	82	97	96.8	88.9	65	50	7	32	15.88	7.93	84.94	76.2	32	8.86
4"	135	100	123	115.85	114.3	90	70	10	32	15.88	9.53	110.08	99.5	38	11.1
5"	148.7	119	151	147.6	141.3	90	70	10	32	15.88	9.53	137.03	128.0	44	12.7
6"	176	130	180	147.6	168.3	90	70	10	32	15.88	9.53	163.96	152.4	47	12.7
8"	204	162	231	133.4	219.1	125	102	12	45	19.1	11.1	214.40	203.2	53	15.88
10"	228.1	200	284	158.8	273.1	125	102	12	45	19.1	12.7	268.27	253.0	60	20.62
12"	266.2	224	335	163.6	323.9	140	102	12	45	19.1	12.7	318.29	303.0	64	22.1

Itemref	Quantity	Title/Name, designation, material, dimension etc	Article No./Reference		
15	1	BODY,ASTM A536 65-45-12			
14	1	HANDLE,MALLEABLE IRON			
11,12,13	1	LATCHPLATE,STEEL			
10	2	BOLTS/ WASHER/ NUTS,STEEL			
9	1	PLATE, STEEL			
8	2	BOLT, STEEL			
7	1	UPPER STEM, ASTM A582 416			
6	2	BUSHING, PTFE			
5	2	O RING 1, ASTM D2000 NBR			
4	1	DISC, ASTM A536 65-45-12+EPDM (NBR)			
3	1	LOWER STEM, ASTM A582 416			
2	1	SCREW END, CARBON STEEL			
1	1	O RING 2, ASTM D2000 NBR			
Designed by	Checked by	Approved by	File name	Date	Scale
LI HUANLI	SUN	FU	DRAWING	OCT.08,10	NONE
GROOVED VALVE DN50 TO DN300					
SZ-GRV/L-0212REV1				Edition	Sheet
				R0	1/1