

PTFE LINED FLANGED BALL VALVE

Main Parts and Materials

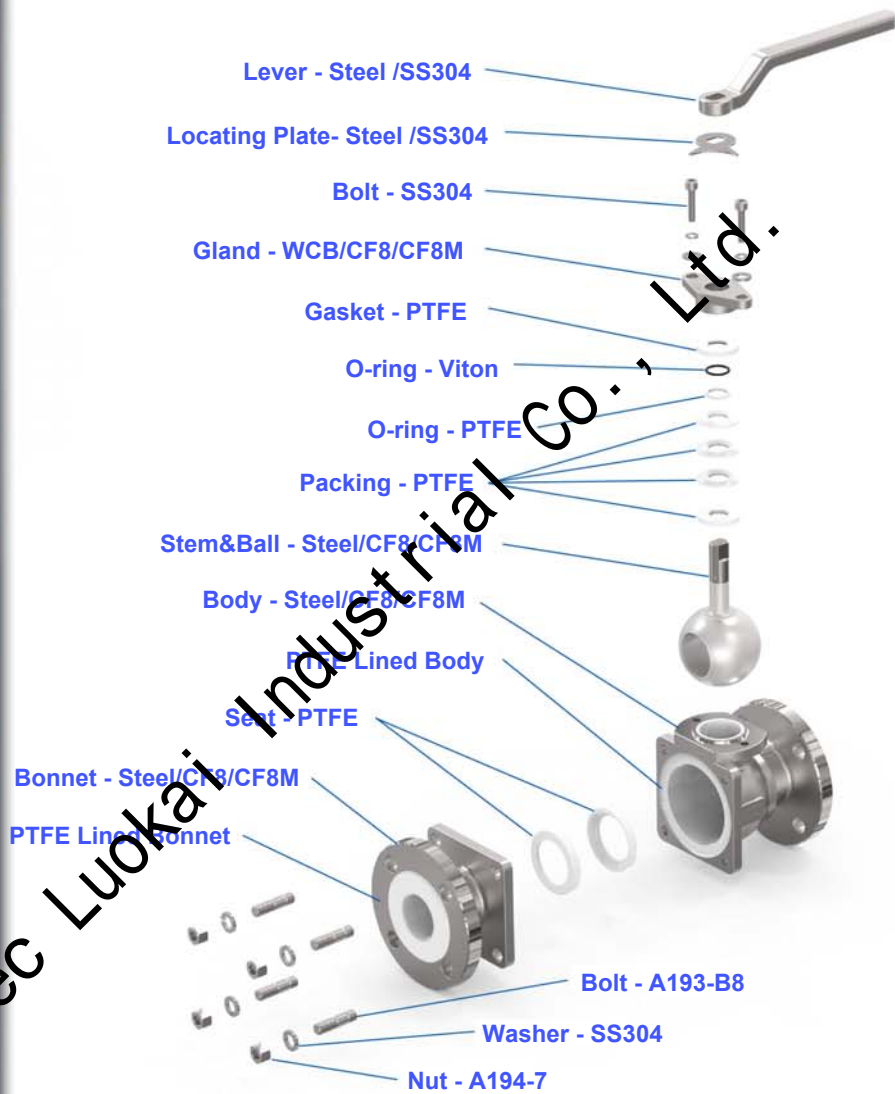


Standards

- ▣ Flange standard: HG/T 20592-2009
ASME B16.5
DIN PN16-PN40
JIS10-20K
- ▣ Design standard: GB/T 12237
ASME B16.34
DIN 1026
JIS
- ▣ Inspection: GB/T 13927, API598
- ▣ Face to face: GB/T 12221-2005
ASME B16.10

Structure

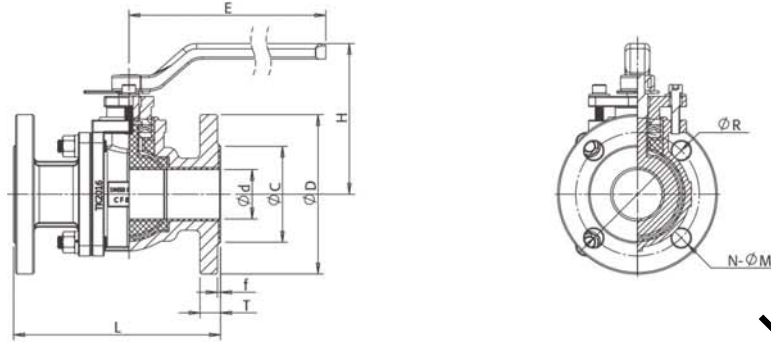
- ▣ Integrated stem & ball design, better sealing, low torque
- ▣ Adjustable gland, long service life
- ▣ Multi-standard flange standard available
- ▣ Quality stem packing materials
- ▣ PTFE lined stem, anti-corrosion
- ▣ Double seal design, no leakage



Part	C. I.	Steel	Stainless Steel	L.C. Stainless Steel		
Body	HT250	WCB	CF8	CF8M	CF3	CF3M
Stem&Ball	WCB	35(Forged)	CF8	CF8M	CF3	CF3M
Seat&Lining	PTFE/PFA/FEP					
O-ring	PTFE					
Washer	Viton					
Bolt	35	35	1Cr17Ni2	1Cr17Ni2	1Cr18Ni9Ti	1Cr18Ni9Ti
Nut	45	45	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9
Lever	1-1/2"~6": Lever			8"~20": Worm Gear		

PTFE LINED FLANGED BALL VALVE

Main Connection Dimensions



ANSI 150LB/300LB

Unit:mm

Size	DN	L		D		H	R		N		M		E	T		f
		150LB	300LB	150LB	300LB		150LB	300LB	150LB	300LB	150LB	300LB		150LB	300LB	
1/2"	15	108	140	89	95	90	60.5	66.5	4	4	16	16	120	12	15	2
3/4"	20	117	152	98	117	95	70	82.5	4	4	16	19	140	12	16	2
1"	25	127	165	108	124	110	79.5	89	4	4	16	19	160	12	18	2
1-1/4"	32	140	178	117	133	110	89	98.5	4	4	16	19	160	13	19	2
1-1/2"	40	165	190	127	156	120	98.5	114.5	4	4	16	22	180	15	21	2
2"	50	178	216	152	165	140	120.5	127	8	8	19	19	230	16	23	2
2-1/2"	65	190	241	178	190	160	139.5	145.5	4	8	19	22	280	18	26	2
3"	80	203	283	190	210	180	152.5	158.5	4	8	19	22	300	19	29	2
4"	100	229	305	229	254	210	190.5	200	8	8	19	22	320	24	32	2
5"	125	254	381	254	279	400	216	235	8	8	22	22	320	24	35	2
6"	150	394	403	279	318	500	242.5	270	8	12	22	22	400	26	37	2
8"	200	457	502	343	381	-	298.5	330	8	12	22	25	-	29	42	2
10"	250	533	568	406	445	-	362	387.5	12	16	25	29	-	31	48	2
12"	300	610	648	483	521	-	432	451	12	16	25	32	-	32	51	2

GB 1.6Mpa PN16/2.5Mpa PN25

Size	DN	L		D		H	R		N		M		E	T		f
		PN16	PN25	PN16	PN25		PN16	PN25	PN16	PN25	PN16	PN25		PN16	PN25	
1/2"	15	130	130	95	95	90	65	65	4	4	14	14	120	16	16	2
3/4"	20	130	130	105	105	95	75	75	4	4	14	14	140	18	18	2
1"	25	140	140	115	115	110	85	85	4	4	14	14	160	18	18	2
1-1/4"	32	165	165	140	140	110	100	100	4	4	18	18	160	18	18	2
1-1/2"	40	165	165	150	150	120	110	110	4	4	18	18	180	18	18	3
2"	50	203	203	165	165	140	125	125	4	4	18	18	230	18	20	3
2-1/2"	65	222	222	185	185	160	145	145	8	8	18	18	280	18	22	3
3"	80	241	241	200	200	180	160	160	8	8	18	18	300	20	24	3
4"	100	305	305	220	235	210	180	190	8	8	18	23	320	20	24	3
5"	125	356	356	250	270	400	210	220	8	8	18	25	320	22	26	3
6"	150	394	394	285	300	500	240	250	8	8	23	25	400	22	28	3
8"	200	457	457	340	360	-	295	310	12	12	23	25	-	24	30	3
10"	250	533	533	410	425	-	355	370	12	12	25	30	-	26	32	3
12"	300	610	610	465	485	-	410	430	12	16	25	30	-	28	34	4