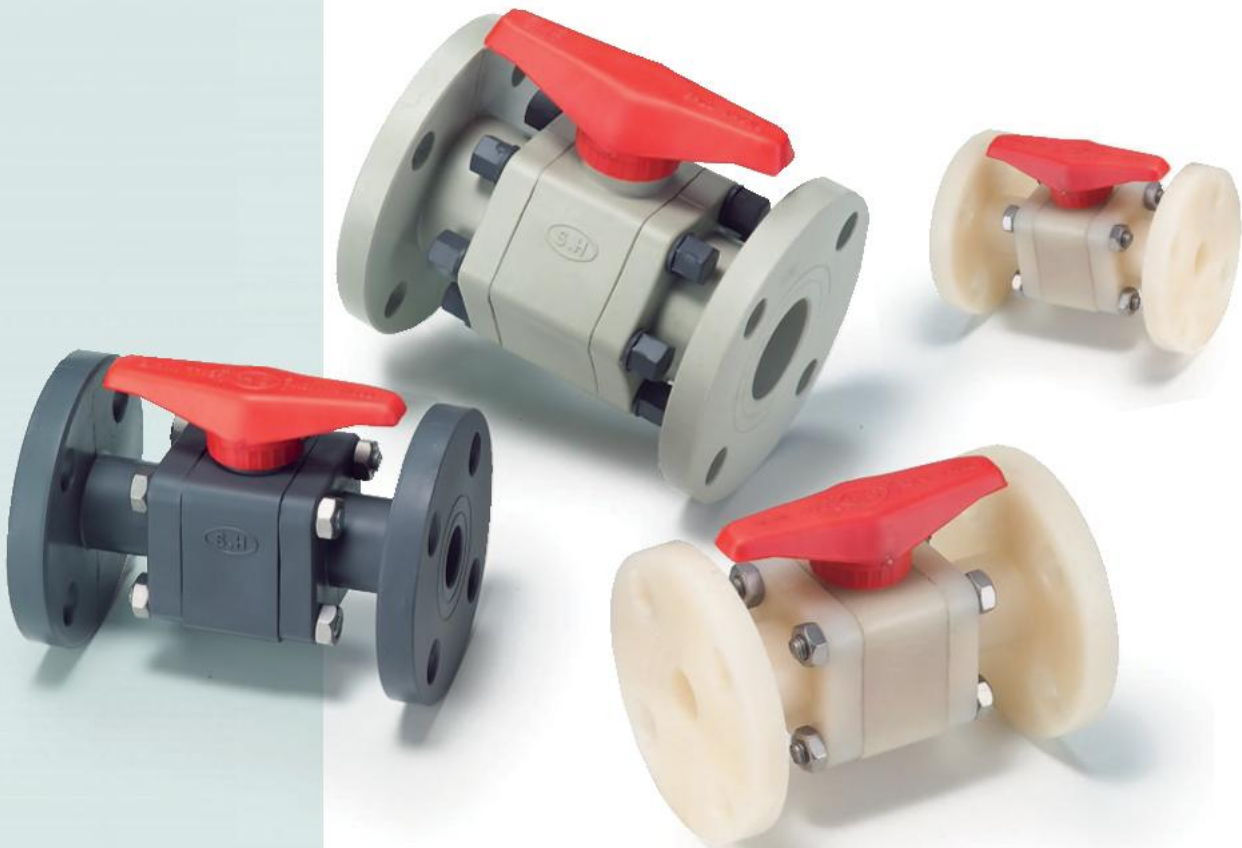




STRONG UNION BALL VALVE

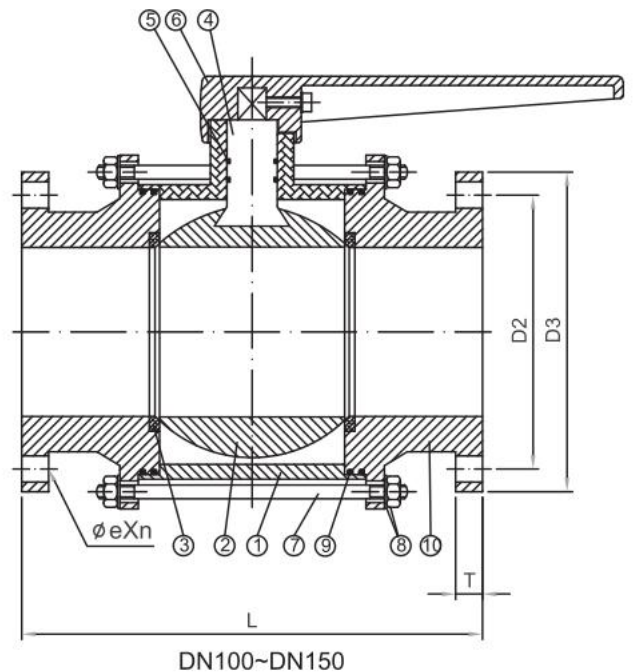
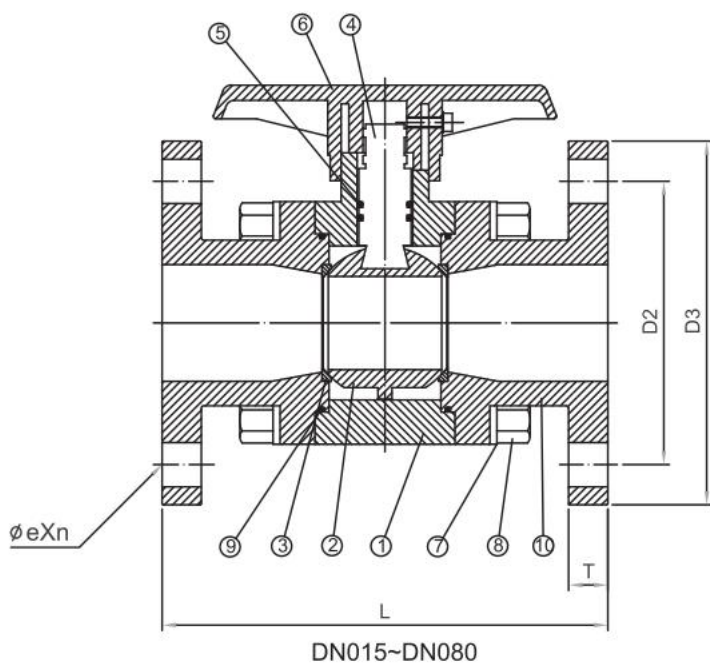


CG Series

CG300
Size: DN15-DN150

● MATERIALS OF CONSTRUCTION

No.	Parts	Pcs	Materials	No.	Parts	Pcs	Materials
1	Body	1	UPVC, CPVC, PP, PVDF	6	Handle	1	15A~150A.....ABS
2	Ball	1	UPVC, CPVC, PP, PVDF	7	Bolt	15A-32A 4 40A-80A 6 100A 8 150A 10	SUS-304 40A-80A PVC COATED BRASS 15A-32A,100A-150A SUS-304
3	Seat	2	TEFLON	8	NUT&WASHER		
4	Shaft	1	UPVC, CPVC, PPG, PVDF	9	Flange O-Ring	15A-65A 2 80A-150A 4	EPDM, VITON
5	O-Ring	15A,20A 1 25A~150A 2	EPDM, VITON	10	Flange	2	UPVC, CPVC, PP, PVDF



SPECIFICATIONS:

1. Test Press: ① {15mm-1/2"~65mm-2 1/2"}: 15kgf/cm ² (bar) (235 lb/in ²)	2. Working Press: ① {15mm-1/2"~65mm-2 1/2"}: 10kgf/cm ² (bar) (150 lb/in ²)
② {80mm-3"~150mm-6"}: 10kgf/cm ² (bar) (150 lb/in ²)	② {80mm-3"~150mm-6"}: 7kgf/cm ² (bar) (100 lb/in ²)

● DIMENSIONS TABLE

Standards Nom. size DN-inch	JIS						ANSI						DIN					
	Unit:mm						Unit:inch						Unit:mm					
	D3	D2	L Flange end	n	øe	T	D3	D2	L Flange end	n	øe	T	D3	D2	L Flange end	n	øe	T
15(1/2")	95	70	146	4	15	13	3.50	2.38	5.75	4	0.63	0.51	95	65	146	4	14	13
20(3/4")	100	75	152	4	15	15	3.88	2.76	5.98	4	0.63	0.59	105	75	152	4	14	15
25(1")	125	90	172	4	19	16	4.25	3.13	6.77	4	0.63	0.63	115	85	172	4	14	16
32(1-1/4")	135	100	175	4	19	16	4.62	3.50	6.89	4	0.71	0.63	140	100	175	4	18	16
40(1-1/2")	140	105	182	4	19	18	5.00	3.88	7.17	4	0.71	0.71	150	110	182	4	18	18
50(2")	155	120	189	4	19	18	6.00	4.74	7.44	4	0.71	0.71	165	125	189	4	18	18
65(2-1/2")	175	140	218	4	19	20	7.00	5.49	8.58	4	0.75	0.78	185	145	218	4	18	20
80(3")	185	150	244	8	19	20	7.50	6.00	9.61	4	0.75	0.78	200	160	244	8	18	20
100(4")	210	175	296	8	19	23	9.00	7.50	11.65	8	0.78	0.90	220	180	296	8	18	23
125(5")	250	210	390	8	23	24	10.00	8.50	15.35	8	0.87	0.94	250	210	390	8	18	24
150(6")	280	240	390	8	23	24	11.00	9.50	15.35	8	0.87	0.94	280	240	390	8	23	24

The dimension table is calculated based on PVC material.
 The valve of test pressure is calculated based on PVC PVDF materials.
 The valve of test pressure for PP material is 70% based on this table.
 The flanged length tolerance is according to EN558-1:1995.