

# 01

## 球阀系列 BALL VALVE SERIES



### HIGH-PLATFORM GB FLANGE BALL VALVE

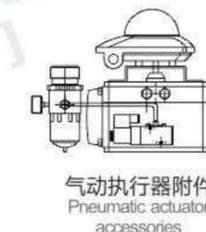
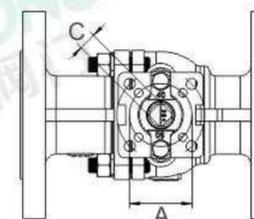
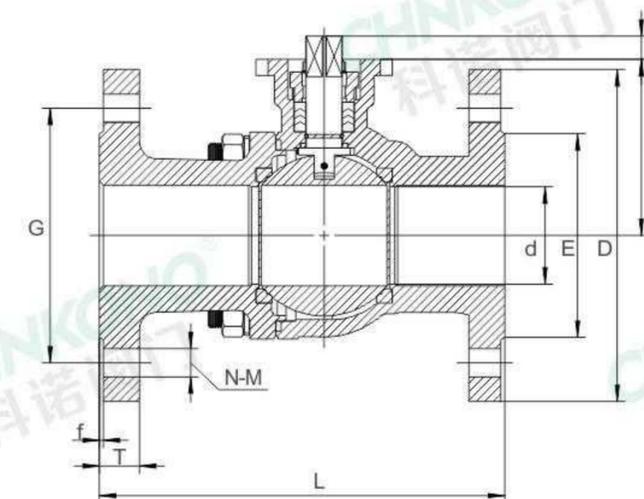
#### 高平台国标法兰球阀

#### 国标设计标准

设计制造: GB/T-12237  
法兰标准: HG/T-20592  
结构长度: GB/T-12221  
壁厚标准: GB/T-26640  
检验试验: GB/T-26480

#### GB Design standards

Design and manufacture: GB/T-12237  
Flange standard: HG/T-20592  
Structure length: GB/T-12221  
Wall thickness standard: GB/T-26640  
Inspection test: GB/T-26480



#### 零件表及材质 Part & Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压盖 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM

## HIGH-PLATFORM GB FLANGE BALL VALVE

高平台国标法兰球阀

### GB DN15-DN40 PN16-PN40

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN15	PN16-40	95	130	15	45	65	16	2	51	4-Φ14	F04-F05	9*9	9
DN20	PN16-40	105	130	20	58	75	18	2	54	4-Φ14	F04-F05	9*9	9
DN25	PN16-40	115	140	25	68	85	18	2	67	4-Φ14	F04-F05	11*11	11
DN32	PN16-40	140	165	32	78	100	18	2	72	4-Φ18	F04-F05	11*11	11
DN40	PN16-40	150	165	40	88	110	18	2	78	4-Φ18	F05-F07	14*14	14

### GB DN50-DN200 PN16

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN50	PN16	165	203	50	102	125	18	2	88	4-Φ18	F05-F07	14*14	14
DN65	PN16	185	222	65	122	145	20	2	116	4-Φ18 8-Φ18	F07-F10	17*17	17
DN80	PN16	200	241	76	138	160	20	2	122	8-Φ18	F07-F10	17*17	17
DN100	PN16	220	305	100	158	180	22	2	153	8-Φ18	F07-F10	22*22	22
DN125	PN16	250	356	125	188	210	22	2	174	8-Φ18	F10-F125	22*22	22
DN150	PN16	285	394	150	212	240	24	2	210	8-Φ22	F10-F125	27*27	27
DN200	PN16	340	457	200	268	295	24	2	267	12-Φ22	F125-F140	36*36	36

### GB DN50-DN200 PN25-PN40

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN50	PN25-PN40	165	203	50	102	125	20	2	88	4-Φ18	F05-F07	14*14	14
DN65	PN25-PN40	185	222	65	122	145	22	2	114	8-Φ18	F07-F10	17*17	17
DN80	PN25-PN40	200	241	76	138	160	24	2	124	8-Φ18	F07-F10	17*17	17
DN100	PN25-PN40	235	305	100	162	190	24	2	147	8-Φ22	F07-F10	22*22	22
DN125	PN25-PN40	270	356	125	188	220	26	2	179	8-Φ26	F10-F125	22*22	22
DN150	PN25-PN40	300	394	150	218	250	28	2	207	8-Φ26	F10-F125	27*27	27
DN200	PN25	360	457	200	278	310	30	2	246	12-Φ26	F125-F140	36*36	36
DN200	PN40	375	457	250	285	320	34	2	246	12-Φ30	F125-F140	36*36	36

### GB DN15-DN40 PN64-PN100

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN15	PN64-100	105	165	15	45	75	20	2	65	4-Φ14	F04-F05	11*11	11
DN20	PN64-100	130	190	20	58	90	22	2	70	4-Φ18	F04-F05	11*11	11
DN25	PN64-100	140	216	25	68	100	24	2	85	4-Φ18	F05-F07	14*14	14
DN32	PN64-100	155	229	32	78	110	26	2	88	4-Φ22	F05-F07	14*14	14
DN40	PN64-100	170	241	40	88	125	28	2	107	4-Φ22	F07-F10	17*17	17

### GB DN50-DN100 PN64

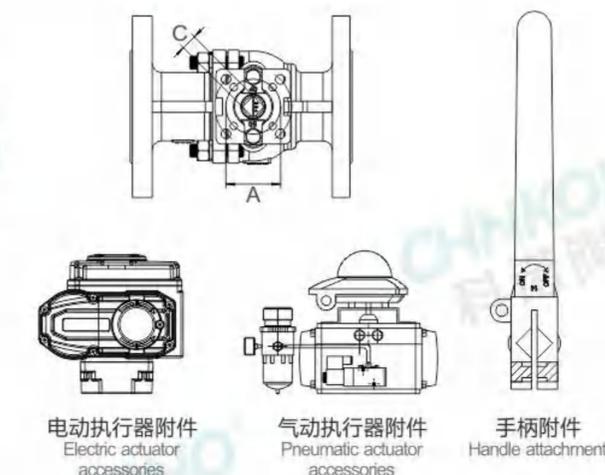
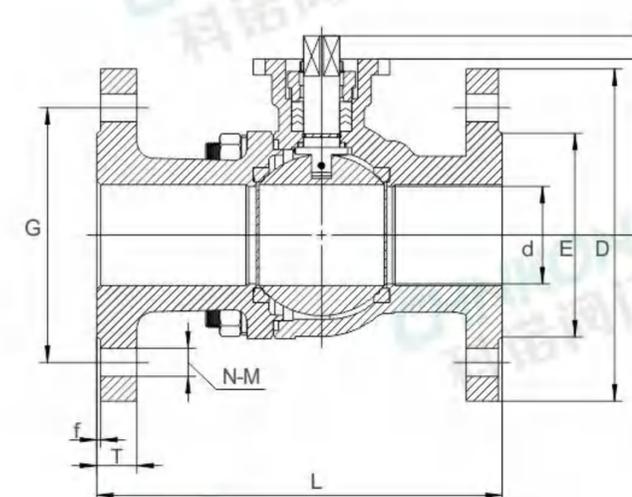
规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN50	PN64	180	282	50	102	135	26	3	107	4-Φ22	F07-F10	17*17	17
DN65	PN64	205	330	65	122	160	26	3	128	8-Φ22	F10-F125	22*22	22
DN80	PN64	215	356	76	138	170	28	3	143	8-Φ22	F10-F125	22*22	22
DN100	PN64	250	406	100	162	220	30	3	165	8-Φ26	F10-F125	22*22	22

### GB DN50-DN100 PN100

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN50	PN100	195	292	50	102	145	26	3	107	4-Φ22	F07-F10	17*17	17
DN65	PN100	220	330	65	122	170	26	3	128	8-Φ22	F10-F125	22*22	22
DN80	PN100	230	356	76	138	180	28	3	143	8-Φ22	F10-F125	22*22	22
DN100	PN100	265	432	100	162	210	30	3	165	8-Φ26	F10-F125	22*22	22

## HIGH-PLATFORM ASME FLANGE BALL VALVE

高平台美标法兰球阀



### 美标设计标准

设计制造: API6D/608  
法兰标准: ASME B16.5  
结构长度: ASME B16.10  
壁厚标准: ASME B16.34  
检验试验: API598

### American design standard

Design and manufacture: API6D/608  
Flange standard: ASME B16.5  
Structure length: ASME B16.10  
Wall thickness: standard: ASME B16.34  
Inspection test: API598

### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压盖 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM

## HIGH-PLATFORM ASME FLANGE BALL VALVE

### 高平台美标法兰球阀

#### ASME-1/2"-8"-150LB

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
1/2"	150LB	90	108	15	34.9	60.3	11.6	2	51	4-Φ16	F04-F05	9*9	9
3/4"	150LB	100	117	20	42.9	69.9	13.2	2	55	4-Φ16	F04-F05	9*9	9
1"	150LB	110	127	25	50.8	79.4	14.7	2	63	4-Φ16	F04-F05	11*11	11
1-1/4"	150LB	115	140	32	63.5	88.9	16.3	2	71	4-Φ16	F04-F05	11*11	11
1-1/2"	150LB	125	165	40	73	98.4	17.9	2	81	4-Φ16	F05-F07	14*14	14
2"	150LB	150	178	50	92.1	120.7	19.5	2	88	4-Φ19	F05-F07	14*14	14
2-1/2"	150LB	180	190	65	104.8	139.7	23	2	114	4-Φ19	F07-F10	17*17	17
3"	150LB	190	203	76	127	152.4	24.3	2	124	4-Φ19	F07-F10	17*17	17
4"	150LB	230	229	100	157.2	190.5	24.3	2	147	8-Φ19	F07-F10	22*22	22
5"	150LB	255	356	125	185.7	215.9	24.3	2	179	8-Φ22	F10-F125	22*22	22
6"	150LB	280	394	150	215.9	241.3	26	2	207	8-Φ22	F10-F125	27*27	27
8"	150LB	345	457	200	269.9	298.5	29	2	246	12-Φ22	F125-F140	36*36	36

#### ASME-1/2"-8"-300LB

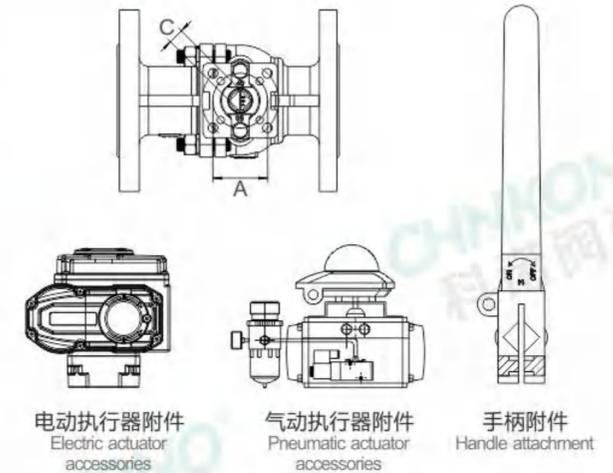
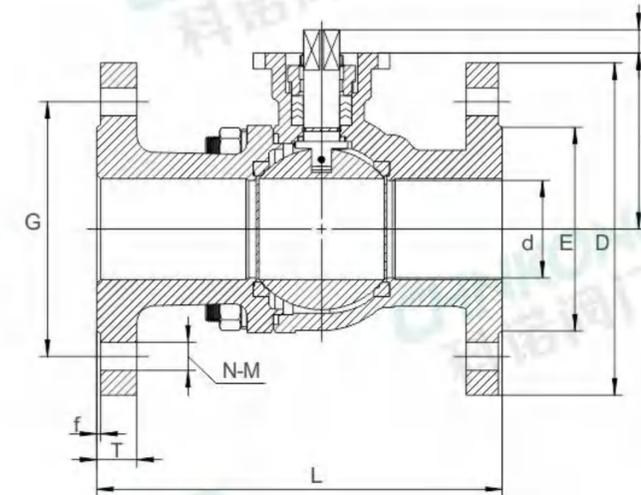
规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
1/2"	300LB	95	140	15	34.9	66.7	14.7	2	51	4-Φ16	F04-F05	9*9	9
3/4"	300LB	115	152	20	42.9	82.6	16.3	2	60	4-Φ19	F04-F05	9*9	9
1"	300LB	125	165	25	50.8	88.9	17.9	2	63	4-Φ19	F04-F05	11*11	11
1-1/4"	300LB	135	178	32	63.5	98.4	19.5	2	71	4-Φ19	F04-F05	11*11	11
1-1/2"	300LB	155	190	40	73	114.3	21.1	2	81	4-Φ22	F05-F07	14*14	14
2"	300LB	165	216	50	92.1	127	22.7	2	88	8-Φ18	F05-F07	14*14	14
2-1/2"	300LB	190	241	65	104.8	149.2	25.9	2	114	8-Φ22	F07-F10	17*17	17
3"	300LB	210	283	76	127	168.3	29	2	124	8-Φ22	F07-F10	17*17	17
4"	300LB	255	305	100	157.2	200	32.2	2	147	8-Φ22	F07-F10	22*22	22
5"	300LB	280	381	125	185.7	235	35.4	2	179	8-Φ22	F10-F125	22*22	22
6"	300LB	320	403	150	215.9	269.9	37	2	207	12-Φ22	F10-F125	27*27	27

#### ASME-1/2"-8"-600LB

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
1/2"	600LB	95	165	15	34.9	66.7	21.3	7	65	4-Φ16	F04-F05	11*11	11
3/4"	600LB	115	190	20	42.9	82.6	23	7	70	4-Φ16	F04-F05	11*11	11
1"	600LB	125	216	25	50.8	88.9	24.5	7	85	4-Φ16	F05-F07	14*14	14
1-1/4"	600LB	135	229	32	63.5	98.4	27.7	7	88	4-Φ16	F05-F07	14*14	14
1-1/2"	600LB	155	241	40	73	114.3	29.3	7	107	4-Φ16	F07-F10	17*17	17
2"	600LB	165	292	50	92.1	127	32.4	7	107	4-Φ19	F07-F10	17*17	17
2-1/2"	600LB	190	330	65	104.8	149.2	35.6	7	128	4-Φ19	F10-F125	22*22	22
3"	600LB	210	356	76	127	168.3	38.8	7	143	4-Φ19	F10-F125	22*22	22
4"	600LB	275	432	100	157.2	215.9	45	7	165	8-Φ19	F10-F125	22*22	22

## HIGH-PLATFORM DIN FLANGE BALL VALVE

### 高平台德标法兰球阀



#### 德标设计标准

设计制造: DIN3357  
 法兰标准: EN1092-1  
 结构长度: DIN 3202-F4  
 壁厚标准: ASME B16.34  
 检验试验: API598

#### DIN Design standard

Design and manufacture: DIN 3357  
 Flange standard: EN 1092-1  
 Structure length: DIN 3202-F4  
 Wall thickness standard: ASME B16.34  
 Inspection test: API598

#### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压盖 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM

## HIGH-PLATFORM DIN FLANGE BALL VALVE

高平台德标法兰球阀

### DIN DN15-DN50 PN10-PN40

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN15	PN10-40	95	115	15	45	65	16	2	51	4-Φ14	F04-F05	9*9	9
DN20	PN10-40	105	120	20	58	75	18	2	55	4-Φ14	F04-F05	9*9	9
DN25	PN10-40	115	125	25	68	85	18	2	63	4-Φ14	F04-F05	11*11	11
DN32	PN10-40	140	130	32	78	100	18	2	71	4-Φ18	F04-F05	11*11	11
DN40	PN10-40	150	140	40	88	110	18	2	81	4-Φ18	F05-F07	14*14	14
DN50	PN10-40	165	150	50	102	125	20	2	88	4-Φ18	F05-F07	14*14	14

### DIN DN65-DN200 PN16

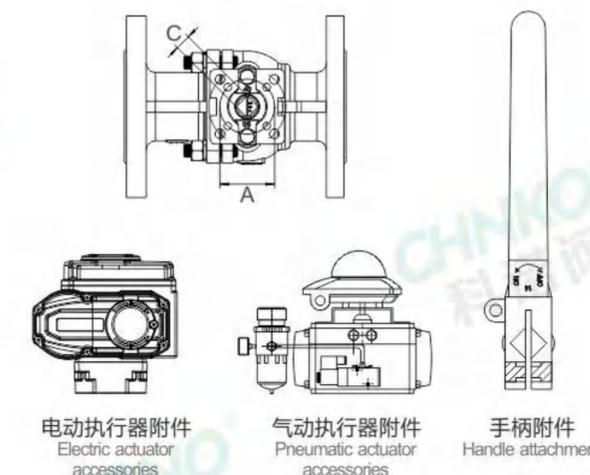
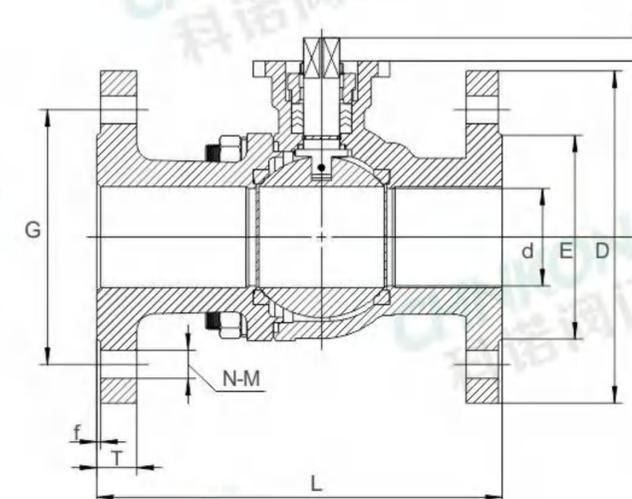
规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN65	PN16	185	170	65	122	145	18	2	114	4-Φ18	F07-F10	17*17	17
DN80	PN16	200	180	76	138	160	20	2	124	8-Φ18	F07-F10	17*17	17
DN100	PN16	220	190	100	158	180	20	2	147	8-Φ18	F07-F10	22*22	22
DN125	PN16	250	325	125	188	210	22	2	179	8-Φ18	F10-F125	22*22	22
DN150	PN16	285	350	150	212	240	24	2	207	8-Φ22	F10-F125	27*27	27
DN200	PN16	340	400	200	268	295	24	2	246	12-Φ22	F125-F140	36*36	36

### DIN DN65-DN200 PN25-PN40

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN65	PN25-PN40	185	170	65	122	145	22	2	114	8-Φ18	F07-F10	17*17	17
DN80	PN25-PN40	200	180	76	138	160	24	2	124	8-Φ18	F07-F10	17*17	17
DN100	PN25-PN40	235	190	100	162	190	24	2	147	8-Φ22	F07-F10	22*22	22
DN125	PN25-PN40	270	325	125	188	220	26	2	179	8-Φ26	F10-F125	22*22	22
DN150	PN25-PN40	300	350	150	218	250	28	2	207	8-Φ26	F10-F125	27*27	27
DN200	PN25	360	400	200	278	310	30	2	246	12-Φ26	F125-F140	36*36	36
DN200	PN40	375	400	200	285	320	34	2	246	12-Φ30	F125-F140	36*36	36

## HIGH-PLATFORM JIS FLANGE BALL VALVE

高平台日标法兰球阀



### 日标设计标准

设计制造: API6D/608  
法兰标准: JISB2220  
结构长度: ASMEB16.10  
壁厚标准: ASMEB16.34  
检验试验: API598

### JIS Design standards

Design and manufacture: API6D/608  
Flange standard: JIS B2220  
Structure length: ASME B16.10  
Wall thickness: standard: ASME B16.34  
Inspection test: API598

### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压盖 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM

## HIGH-PLATFORM JIS FLANGE BALL VALVE

### 高平台日标法兰球阀

#### JIS 15A-250A 10K

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
15A	10K	95	108	15	51	70	12	2	51	4-Φ15	F04-F05	9*9	9
20A	10K	100	117	20	56	75	14	2	55	4-Φ15	F04-F05	9*9	9
25A	10K	125	127	25	67	90	14	2	63	4-Φ19	F04-F05	11*11	11
32A	10K	135	140	32	76	100	16	2	71	4-Φ19	F04-F05	11*11	11
40A	10K	140	165	40	81	105	16	2	81	4-Φ19	F05-F07	14*14	14
50A	10K	155	178	50	96	120	16	2	88	4-Φ19	F05-F07	14*14	14
65A	10K	175	190	65	116	140	18	2	114	4-Φ19	F07-F10	17*17	17
80A	10K	185	203	76	126	150	18	2	124	8-Φ19	F07-F10	17*17	17
100A	10K	210	229	100	151	175	18	2	147	8-Φ19	F07-F10	17*17	17
125A	10K	250	356	125	182	210	20	2	179	8-Φ23	F10-F125	22*22	22
150A	10K	280	394	150	212	240	22	2	207	8-Φ23	F10-F125	27*27	27
200A	10K	330	457	200	262	290	22	2	246	12-Φ23	F125-F140	36*36	36
250A	10K	400	533	250	324	355	24	2	299	12-Φ25	F125-F140	36*36	36

#### JIS 15A-150A 20K

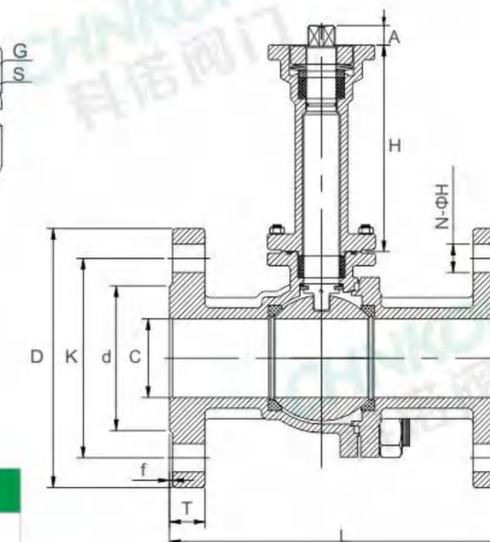
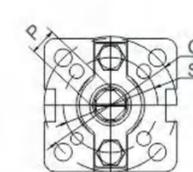
规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
15A	20K	95	140	15	51	70	14	2	51	4-Φ15	F04-F05	9*9	9
20A	20K	100	152	20	56	75	16	2	60	4-Φ15	F04-F05	9*9	9
25A	20K	125	165	25	67	90	16	2	63	4-Φ19	F04-F05	11*11	11
32A	20K	135	178	32	76	100	18	2	71	4-Φ19	F04-F05	11*11	11
40A	20K	140	190	40	81	105	18	2	81	4-Φ19	F05-F07	14*14	14
50A	20K	155	216	50	96	120	18	2	88	8-Φ19	F05-F07	14*14	14
65A	20K	175	241	65	116	140	20	2	114	8-Φ19	F07-F10	17*17	17
80A	20K	200	283	76	132	160	22	2	124	8-Φ23	F07-F10	17*17	17
100A	20K	225	305	100	160	185	24	2	147	8-Φ23	F07-F10	22*22	22
125A	20K	270	381	125	195	225	26	2	179	8-Φ25	F10-F125	22*22	22
150A	20K	305	403	150	230	260	28	2	207	12-Φ25	F10-F125	27*27	27

## GB HIGH NECK FLANGE BALL VALVE

### 国标加高颈法兰球阀

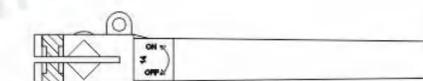
#### 设计标准 Design standards

1. 结构长度按 GB/T12221-2005
  2. 设计制造按 GB/T12237-2008
  3. 法兰连接按 HG/T20592-2009
  4. 检验和试验按 GB/T-26480
  5. 壁厚标准按 GB/T-26640
1. The structural length shall be in accordance with GB/T12221-2005  
2. Design and manufacture according to GB/T12237-2008  
3. Flange connection according to HG/T20592-2009  
4. Inspection and testing shall be conducted in accordance with GB/T-26480  
5. The wall thickness standard shall comply with GB/T-26640

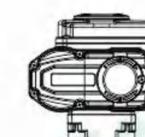


#### 零件表及材质 Part&Material

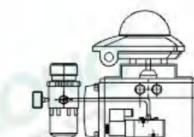
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	聚四氟乙烯 M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压盖 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

#### 主要连接尺寸 Main connection dimensions

规格	PN	D	K	d	C	N-ΦH	L	T	f	H	A	P	S	G
DN15	PN16-40	95	65	45	15	4-14	130	16	2	100	9	9	36	50
DN20	PN16-40	105	75	58	20	4-14	130	18	2	100	9	9	36	50
DN25	PN16-40	115	85	68	25	4-14	140	18	2	100	11	11	42	50
DN32	PN16-40	140	100	78	32	4-18	165	18	2	100	11	11	42	50
DN40	PN16-40	150	110	88	38	4-18	165	18	2	100	13	14	50	70
DN50	PN16-40	165	125	102	50	4-18	203	18	2	100	13	14	50	70
DN65	PN16	185	145	122	65	8-18	222	18	2	100	18	17	70	102
DN80	PN16	200	160	138	76	8-18	241	20	2	100	18	17	70	102
DN100	PN16	220	180	158	100	8-18	305	20	2	100	22	22	102	102

## HIGH-PLATFORM ITALIAN-STYLE WAFFER BALL VALVE

### 高平台意大利式对夹球阀

#### 设计标准 Design standards

设计制造: API608

法兰标准: ASME B16.5

壁厚标准: ASME B16.34

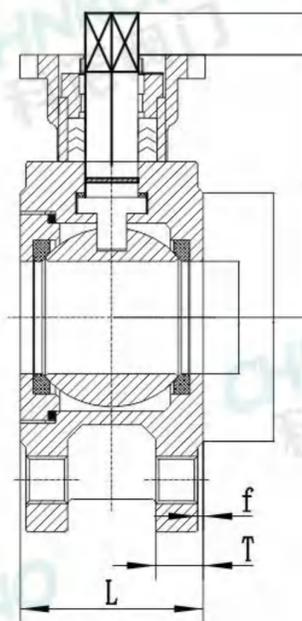
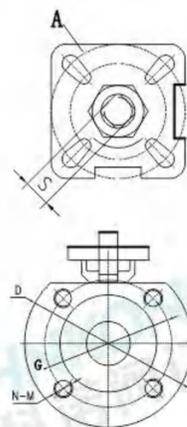
检验试验: API598

Design and manufacture: API608

Flange standard: ASME B16.5

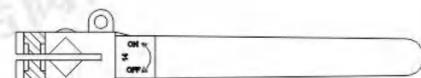
Wall thickness standard: ASME B16.34

Inspection test: API598

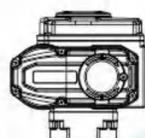


#### 零件表及材质 Part&Material

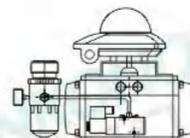
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	金属缠绕垫 METAL JACKETED FP	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压圈 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

#### DN15-DN100 PN16-PN40 主要连接尺寸 Main connection dimensions

规格	PN	D	L	d	E	G	T	f	H	N-ΦM	A	S	h
DN15	PN16-40	95	42	15	48	65	14	2	70	4-M12	F03-F04	9*9	9
DN20	PN16-40	105	44	20	58	75	16	2	75	4-M12	F03-F04	9*9	9
DN25	PN16-40	115	50	25	68	85	16	2	95	4-M12	F04-F05	11*11	11
DN32	PN16-40	140	60	32	78	100	16	2	100	4-M16	F04-F05	11*11	11
DN40	PN16-40	150	65	36	88	110	16	3	120	4-M16	F05-F07	14*14	14
DN50	PN16-40	165	80	46	102	125	18	3	125	4-M16	F05-F07	14*14	14
DN65	PN16	185	110	57	122	145	18	3	140	4-M16	F07-F10	17*17	17
DN80	PN16	200	120	73	138	160	20	3	155	8-M16	F07-F10	17*17	17
DN100	PN16	220	150	90	158	180	20	3	165	8-M16	F07-F10	19*19	19

## HIGH-PLATFORM GB FLUORINE-LINED FLANGE BALL VALVE

### 高平台国标衬氟法兰球阀

#### 设计标准 Design standards

设计制造: GB/T-12237

法兰标准: HG/T-20592

结构长度: GB/T-12221

壁厚标准: GB/T-26640

检验试验: GB/T-26480

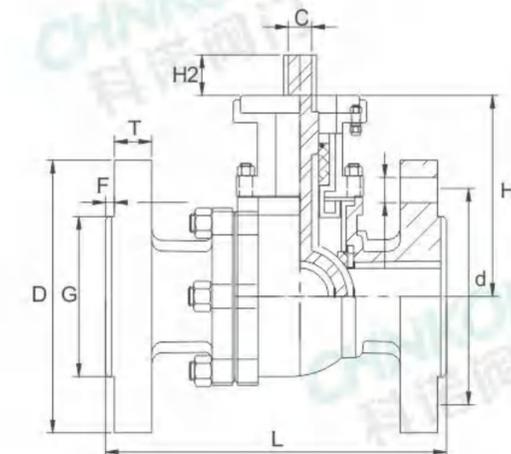
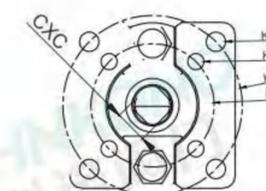
Design and manufacture: GB/T-12237

Flange standard: HG/T-20592

Structure length: GB/T-12221

Wall thickness standard: GB/T-26640

Inspection test: GB/T-26480

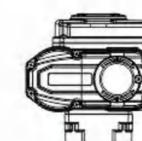


#### 零件表及材质 Part&Material

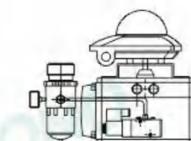
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB
2	阀盖 VALVE COVER	CF8 CF3M WCB
3	球体 SPHERE	304 316L WCB
4	阀杆 VALVE STEM	304 316L WCB
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215
7	填料 FILLER	PTFE M111 TFM1600 TFM4215
8	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215
9	内衬材料 LINING MATERIAL	F46 PFA
10	压盖 PRESSURE CAP	304 316L
11	螺栓 BOLT	304 316L
12	螺母 NUT	304 316L



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



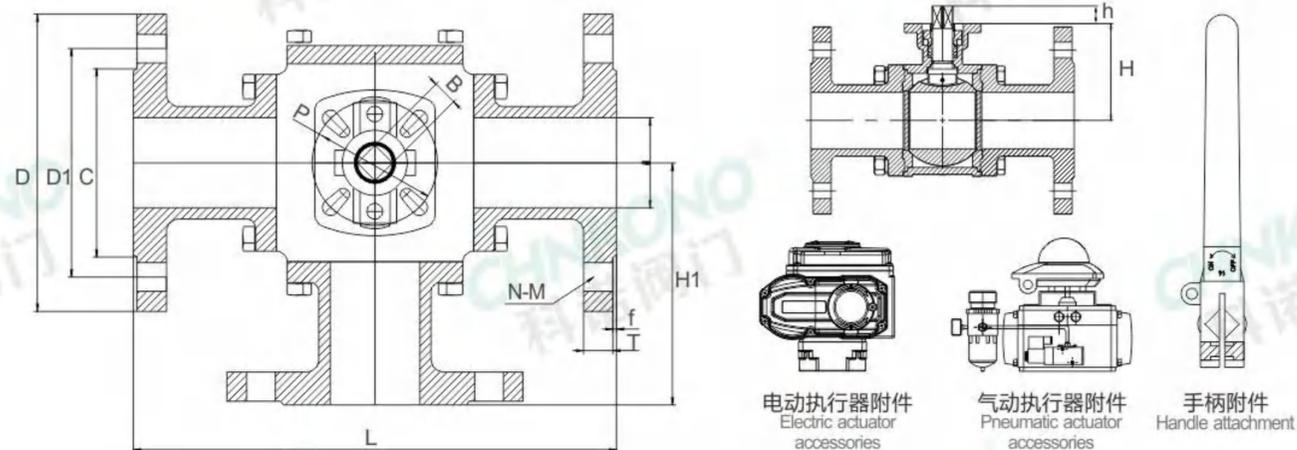
气动执行器附件  
Pneumatic actuator accessories

#### 主要连接尺寸 Main connection dimensions

规格	L	D	G	f	T	C	K4	K3	K2	K1	H2	d	ΦNX	H3
DN25	140	115	67	3.5	16	11	50	70	7	9	17	85	4-14	85
DN32	165	140	76	3.5	16	11	50	70	7	9	18	100	4-18	93
DN40	165	150	87	3.5	16	14	70	102	9	11	18	110	4-18	99
DN50	203	165	101	4	16	14	70	102	9	11	20	125	4-18	104
DN65	222	185	120	4.5	16	17	102	125	11	13	20	145	8-18	142
DN80	241	200	136	4.5	18	17	102	125	11	13	20	160	8-18	154
DN100	305	220	156	5	18	19	102	125	11	13	22	180	8-18	184
DN125	356	250	186	5	20	27	125	140	16	19	27	210	8-18	220
DN150	394	285	210	5	20	27	125	140	16	19	27	240	8-22	248

## HIGH PLATFORM THREE-WAY FLANGE BALL VALVE (FOUR-WAY BODY)

高平台三通法兰球阀（四方体）



### 国标设计标准

设计制造: GB/T-12237  
法兰标准: HG/T-20592 ASME B16.5 JIS B2220  
壁厚标准: GB/T-26640  
检验试验: GB/T-26480

### GB Design standards

Design and manufacture: GB/T-12237  
Flange standard: HG/T-20592 ASME B16.5 JIS B2220  
Wall thickness standard: GB/T-26640  
Inspection test: GB/T-26480

### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 Valve body	CF8 CF3M WCB 2205 2507
2	阀盖 valve cover	CF8 CF3M WCB 2205 2507
3	球体 Sphere	304 316L 2205 2507
4	阀杆 Valve stem	304 316L 2205 2507
5	金属缠绕垫 Metal Jacketed Pipe	304+石墨 316L+石墨
6	阀座 Valve seat	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 Filler	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 thrust washer	PTFE EM11 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 Antistatic bead	304 316L
10	压盖 Pressure cap	304 316L
11	填料压圈 Gasket ring	304 316L
12	螺栓 Bolt	304 316L
13	螺母 Nut	304 316L
14	O型圈 O-Ring	氟橡胶 FKM

## HIGH PLATFORM THREE-WAY FLANGE BALL VALVE (FOUR-WAY BODY)

高平台三通法兰球阀（四方体）

### 国际GB 主要连接尺寸 Main connection dimensions

规格	d	C	D1	D	L	H1	H	T	f	N-M	h	B	P
DN12	15	45	65	95	165	82.5	65	16	2	4-14	9	9*9	F04-F05
DN20	20	58	75	105	175	87.5	65	18	2	4-14	9	9*9	F04-F05
DN25	25	68	85	115	188	94	68	18	2	4-14	11	11*11	F04-F05
DN32	32	78	100	140	202	101	79	18	2	4-18	11	11*11	F04-F05
DN40	40	88	110	150	228	114	85	18	2	4-18	14	14*14	F05-F07
DN50	50	102	125	165	245	122.5	93	18	2	4-18	14	14*14	F05-F07
DN65	65	122	145	185	290	145	121	20	2	4-18	17	17*17	F07-F10
DN80	76	138	160	200	325	162.5	153	20	2	8-18	17	17*17	F07-F10
DN100	100	158	180	220	368	184	171	22	2	8-18	19	19*19	F07-F10

### 美标 ASME 主要连接尺寸 Main connection dimensions 150LB

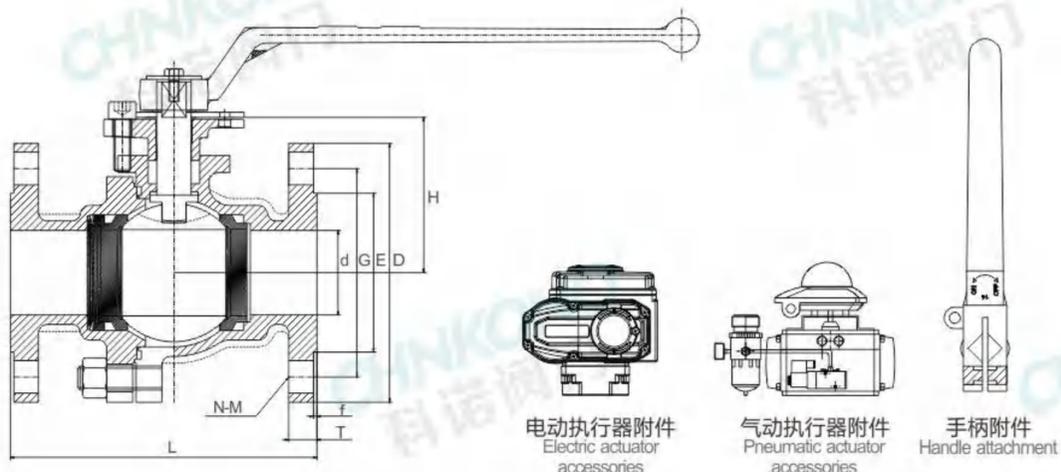
规格	d	C	D1	D	L	H1	H	T	f	N-M	h	B	P
1/2"	15	35	60.3	90	165	82.5	65	11.6	2	4-14	9	9*9	F04-F05
3/4"	20	43	70	100	175	87.5	65	13.2	2	4-14	9	9*9	F04-F05
1"	25	50.8	79.4	110	188	94	68	14.7	2	4-14	11	11*11	F04-F05
1-1/4"	32	63.5	89	115	202	101	79	16.3	2	4-18	11	11*11	F04-F05
1-1/2"	40	73	98.4	125	228	114	85	17.9	2	4-18	14	14*14	F05-F07
2"	50	92.1	120.7	150	252	126	93	19.5	2	4-18	14	14*14	F05-F07
2-1/2"	65	104.8	139.7	180	300	150	121	22.7	2	4-18	17	17*17	F07-F10
3"	76	127	152.4	190	335	167.5	153	24.3	2	8-18	17	17*17	F07-F10
4"	100	157.2	190.5	230	378	189	171	24.3	2	8-18	19	19*19	F07-F10

# HARD SEALED FLANGE BALL VALVE

## 硬密封法兰球阀

# HARD SEALED FLANGE BALL VALVE

## 硬密封法兰球阀



### 国标设计标准 GB Design standards

设计制造: GB/T-12237  
 法兰标准: HG/T-20592  
 结构长度: GB/T-12221  
 壁厚标准: GB/T-26640  
 检验试验: GB/T-26480  
 Design and manufacture: GB/T-12237  
 Flange standard: HG/T-20592  
 Structure length: GB/T-12221  
 Wall thickness standard: GB/T-26640  
 Inspection test: GB/T-26480

### 美标设计标准 American design standard

设计制造: API6D/608  
 法兰标准: ASME B16.5  
 结构长度: ASME B16.10  
 壁厚标准: ASME B16.34  
 检验试验: API 598  
 Design and manufacture: API6D/608  
 Flange standard: ASME B16.5  
 Structure length: ASME B16.10  
 Wall thickness standard: ASME B16.34  
 Inspection test: API 598

### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	F304 F316L 2205 2507+WC+NI60+STL
4	阀杆 VALVE STEM	304 316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	F304F 316L 2205 2507+WC+NI60+STL
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压圈 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM

### GB DN15-DN40 PN16-PN40

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN15	PN16-40	95	130	15	45	65	16	2	51	4-Φ14	F04-F05	9*9	9
DN20	PN16-40	105	130	20	58	75	18	2	54	4-Φ14	F04-F05	9*9	9
DN25	PN16-40	115	140	25	68	85	18	2	67	4-Φ14	F04-F05	11*11	11
DN32	PN16-40	140	165	32	78	100	18	2	72	4-Φ18	F04-F05	11*11	11
DN40	PN16-40	150	165	40	88	110	18	2	78	4-Φ18	F05-F07	14*14	14

### GB DN50-DN200 PN16

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
DN50	PN16	165	203	50	102	125	18	2	88	4-Φ18	F05-F07	14*14	14
DN65	PN16	185	222	65	122	145	20	2	116	4-Φ18	F07-F10	17*17	17
DN80	PN16	200	241	76	138	160	20	2	122	8-Φ18	F07-F10	17*17	17
DN100	PN16	220	305	100	158	180	22	2	153	8-Φ18	F07-F10	22*22	22
DN125	PN16	250	356	125	188	210	22	2	174	8-Φ18	F10-F125	22*22	22
DN150	PN16	285	394	150	212	240	24	2	210	8-Φ22	F10-F125	27*27	27
DN200	PN16	340	457	200	268	295	24	2	267	12-Φ22	F125-F140	36*36	36

### ASME-1/2"-8"-150LB

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
1/2"	150LB	90	108	15	34.9	60.3	11.6	2	51	4-Φ16	F04-F05	9*9	9
3/4"	150LB	100	117	20	42.9	69.9	13.2	2	55	4-Φ16	F04-F05	9*9	9
1"	150LB	110	127	25	50.8	79.4	14.7	2	63	4-Φ16	F04-F05	11*11	11
1-1/4"	150LB	115	140	32	63.5	88.9	16.3	2	71	4-Φ16	F04-F05	11*11	11
1-1/2"	150LB	125	165	40	73	98.4	17.9	2	81	4-Φ16	F05-F07	14*14	14
2"	150LB	150	178	50	92.1	120.7	19.5	2	88	4-Φ19	F05-F07	14*14	14
2-1/2"	150LB	180	190	65	104.8	139.7	23	2	114	4-Φ19	F07-F10	17*17	17
3"	150LB	190	203	76	127	152.4	24.3	2	124	4-Φ19	F07-F10	17*17	17
4"	150LB	230	229	100	157.2	190.5	24.3	2	147	8-Φ19	F07-F10	22*22	22
5"	150LB	255	356	125	185.7	215.9	24.3	2	179	8-Φ22	F10-F125	22*22	22
6"	150LB	280	394	150	215.9	241.3	26	2	207	8-Φ22	F10-F125	27*27	27
8"	150LB	345	457	200	269.9	298.5	29	2	246	12-Φ22	F125-F140	36*36	36

### ASME-1/2"-8"-300LB

规格	PN	D	L	d	E	G	T	F	H	N-ΦM	A	C	h
1/2"	300LB	95	140	15	34.9	66.7	14.7	2	51	4-Φ16	F04-F05	9*9	9
3/4"	300LB	115	152	20	42.9	82.6	16.3	2	60	4-Φ19	F04-F05	9*9	9
1"	300LB	125	165	25	50.8	88.9	17.9	2	63	4-Φ19	F04-F05	11*11	11
1-1/4"	300LB	135	178	32	63.5	98.4	19.5	2	71	4-Φ19	F04-F05	11*11	11
1-1/2"	300LB	155	190	40	73	114.3	21.1	2	81	4-Φ22	F05-F07	14*14	14
2"	300LB	165	216	50	92.1	127	22.7	2	88	8-Φ18	F05-F07	14*14	14
2-1/2"	300LB	190	241	65	104.8	149.2	25.9	2	114	8-Φ22	F07-F10	17*17	17
3"	300LB	210	283	76	127	168.3	29	2	124	8-Φ22	F07-F10	17*17	17
4"	300LB	255	305	100	157.2	200	32.2	2	147	8-Φ22	F07-F10	22*22	22
5"	300LB	280	381	125	185.7	235	35.4	2	179	8-Φ22	F10-F125	22*22	22
6"	300LB	320	403	150	215.9	269.9	37	2	207	12-Φ22	F10-F125	27*27	27

## HARD SEALED FORGED STEEL (DIE FORGING) FLANGE BALL VALVE

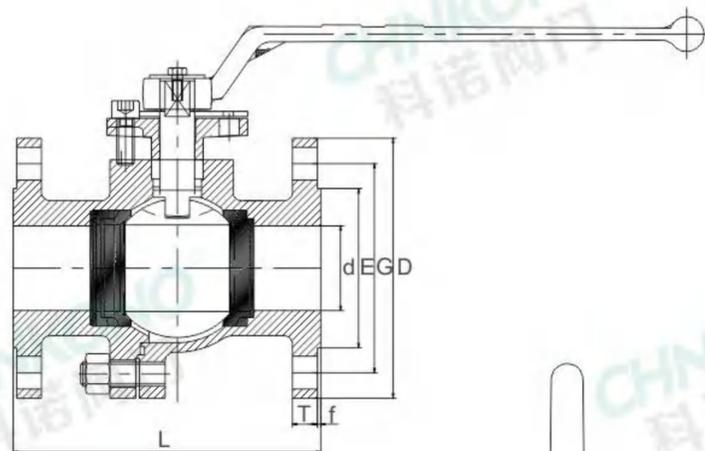
### 硬密封锻钢(模锻)法兰球阀

#### 国标设计标准 GB Design standards

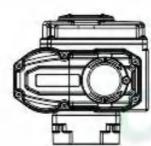
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 壁厚标准: GB/T-26640  
 检验试验: GB/T-26480  
 Design and manufacture: GB/T-12237  
 Flange standard: HG/T-20592  
 Structure length: GB/T-12221  
 Wall thickness standard: GB/T-26640  
 Inspection test: GB/T-26480

#### 美标设计标准 American design standard

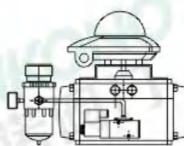
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 法兰标准: ASME B16.5  
 结构长度: ASME B16.10  
 壁厚标准: ASME B16.34  
 检验试验: API 598  
 Design and manufacture: API6D/608  
 Flange standard: ASME B16.5  
 Structure length: ASME B16.10  
 Wall thickness standard: ASME B16.34  
 Inspection test: API 598



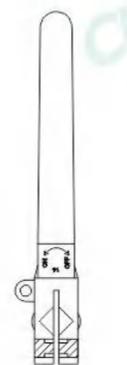
硬密封锻钢球阀  
Hard-sealed forged steel ball valve



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories



手柄附件  
Handle attachment

#### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	F304 F316L
2	阀盖 VALVE COVER	F304 F316L
3	球体 SPHERE	F304 F316L+WC+Ni60+STL
4	阀杆 VALVE STEM	F304 F316L
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	F304 F316L+WC+Ni60+STL
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE EM11 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压圈 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM

## HARD SEALED FORGED STEEL (DIE FORGING) FLANGE BALL VALVE

### 硬密封锻钢(模锻)法兰球阀

#### 国标 GB DN15-DN50 PN16-PN40

规格	d	E	G	D	L	T	f	N-M
DN15	15	45	65	95	130	16	2	4-14
DN20	20	58	75	105	130	18	2	4-14
DN25	25	68	85	115	140	18	2	4-Φ4
DN32	32	78	100	140	165	18	2	4-18
DN40	40	88	110	150	165	18	2	4-18
DN50	50	102	125	165	203	20	2	4-18

#### 美标 ASME-1/2"-2"-150LB

规格	d	E	G	D	L	T	f	N-M
1/2"	15	34.9	60.3	90	108	11.6	2	4-16
3/4"	20	42.9	69.9	100	117	13.2	2	4-16
1"	25	50.8	79.4	110	127	14.7	2	4-16
1-1/4"	32	63.5	88.9	115	140	16.3	2	4-16
1-1/2"	40	73	98.4	125	165	17.9	2	4-16
2"	50	92.1	120.7	150	178	19.5	2	4-16

#### 美标 ASME-1/2"-2"-300LB

规格	d	E	G	D	L	T	f	N-M
1/2"	15	34.9	66.7	95	140	14.7	2	4-16
3/4"	20	42.9	82.6	115	152	16.3	2	4-18
1"	25	50.8	88.9	125	165	17.9	2	4-18
1-1/4"	32	63.5	98.4	135	178	19.5	2	4-18
1-1/2"	40	73	114.3	155	190	21.1	2	4-22
2"	50	92.1	127	165	216	22.7	2	8-18

#### 美标 ASME-1/2"-2"-600LB

规格	d	E	G	D	L	T	f	N-M
1/2"	15	34.9	66.7	95	165	21.3	7	4-16
3/4"	20	42.9	82.6	115	190	22.9	7	4-18
1"	25	50.8	88.9	125	216	34.5	7	4-18
1-1/4"	32	63.5	98.4	135	229	27.7	7	4-18
1-1/2"	40	73	114.3	155	241	29.3	7	4-22
2"	50	92.1	127	165	292	32.4	7	8-18

## SOFT SEALED FORGED STEEL (DIE FORGING) FLANGE BALL VALVE

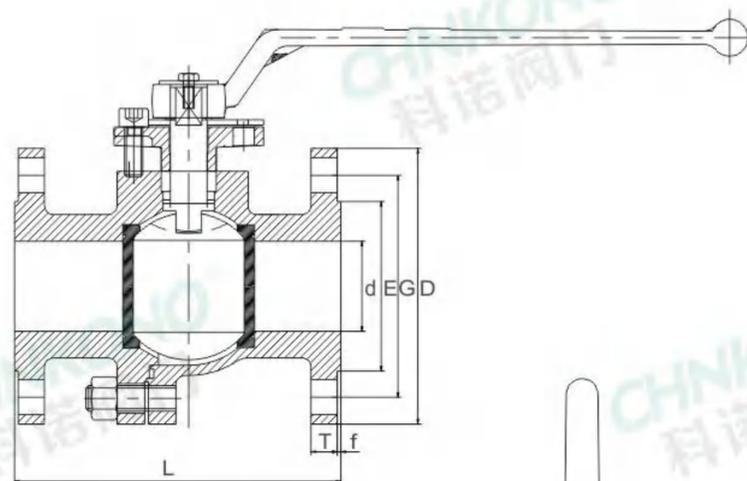
### 软密封锻钢(模锻)法兰球阀

#### 国标设计标准 GB Design standards

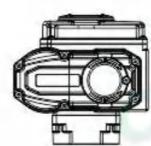
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 法兰标准: HG/T-20592  
 结构长度: GB/T-12221  
 壁厚标准: GB/T-26640  
 检验试验: GB/T-26480  
 Design and manufacture: GB/T-12237  
 Flange standard: HG/T-20592  
 Structure length: GB/T-12221  
 Wall thickness standard: GB/T-26640  
 Inspection test: GB/T-26480

#### 美标设计标准 American design standard

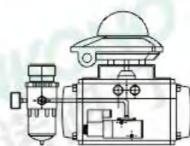
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 结构长度: ASME B16.10  
 壁厚标准: ASME B16.34  
 检验试验: API 598  
 Design and manufacture: API6D/608  
 Flange standard: ASME B16.5  
 Structure length: ASME B16.10  
 Wall thickness standard: ASME B16.34  
 Inspection test: API 598



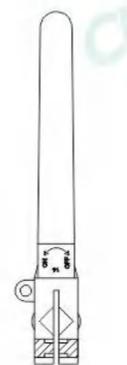
软密封锻钢球阀  
Soft-sealed forged steel ball valve



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories



手柄附件  
Handle attachment

#### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	F304 F316L
2	阀盖 VALVE COVER	F304 F316L
3	球体 SPHERE	F304 F316L
4	阀杆 VALVE STEM	F304 F316L
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	304 316L
11	填料压圈 GASKET RING	304 316L
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM

## SOFT SEALED FORGED STEEL (DIE FORGING) FLANGE BALL VALVE

### 软密封锻钢(模锻)法兰球阀

#### 国标 GB DN15-DN50 PN16-PN40

规格	d	E	G	D	L	T	f	N-M
DN15	15	45	65	95	130	16	2	4-14
DN20	20	58	75	105	130	18	2	4-14
DN25	25	68	85	115	140	18	2	4-Φ4
DN32	32	78	100	140	165	18	2	4-18
DN40	40	88	110	150	165	18	2	4-18
DN50	50	102	125	165	203	20	2	4-18

#### 美标 ASME-1/2"-2"-150LB

规格	d	E	G	D	L	T	f	N-M
1/2"	15	34.9	60.3	90	108	11.6	2	4-16
3/4"	20	42.9	69.9	100	117	13.2	2	4-16
1"	25	50.8	79.4	110	127	14.7	2	4-16
1-1/4"	32	63.5	88.9	115	140	16.3	2	4-16
1-1/2"	40	73	98.4	125	165	17.9	2	4-16
2"	50	92.1	120.7	150	178	19.5	2	4-16

#### 美标 ASME-1/2"-2"-300LB

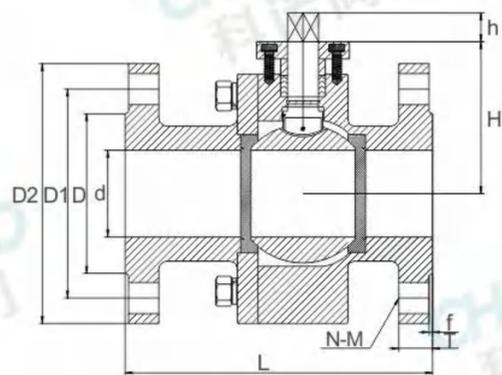
规格	d	E	G	D	L	T	f	N-M
1/2"	15	34.9	66.7	95	140	14.7	2	4-16
3/4"	20	42.9	82.6	115	152	16.3	2	4-18
1"	25	50.8	88.9	125	165	17.9	2	4-18
1-1/4"	32	63.5	98.4	135	178	19.5	2	4-18
1-1/2"	40	73	114.3	155	190	21.1	2	4-22
2"	50	92.1	127	165	216	22.7	2	8-18

#### 美标 ASME-1/2"-2"-600LB

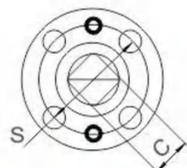
规格	d	E	G	D	L	T	f	N-M
1/2"	15	34.9	66.7	95	165	21.3	7	4-16
3/4"	20	42.9	82.6	115	190	22.9	7	4-18
1"	25	50.8	88.9	125	216	34.5	7	4-18
1-1/4"	32	63.5	98.4	135	229	27.7	7	4-18
1-1/2"	40	73	114.3	155	241	29.3	7	4-22
2"	50	92.1	127	165	292	32.4	7	8-18

## SOFT-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

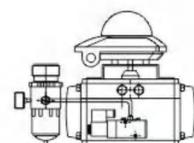
软密封锻钢（自由锻）法兰球阀



二段式软密封  
Two-stage soft seal



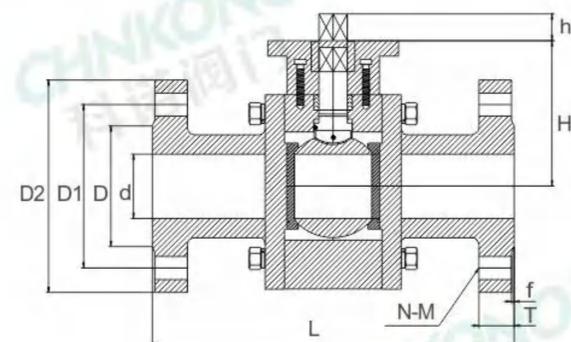
电动执行器附件  
Electric actuator accessories



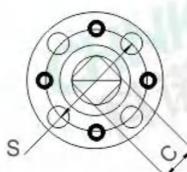
气动执行器附件  
Pneumatic actuator accessories



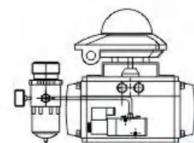
手柄附件  
Handle attachment



三段式软密封  
Three-stage soft seal



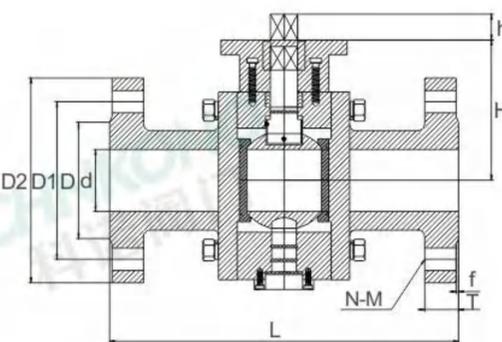
电动执行器附件  
Electric actuator accessories



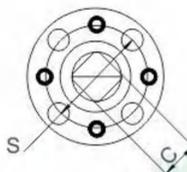
气动执行器附件  
Pneumatic actuator accessories



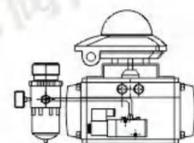
手柄附件  
Handle attachment



固定式软密封  
Fixed soft seal



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories



手柄附件  
Handle attachment

## SOFT-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

软密封锻钢（自由锻）法兰球阀

### 国标设计标准 GB Design standards

设计制造: GB/T-12237  
法兰标准: HG/T-20592  
结构长度: GB/T-12221  
壁厚标准: GB/T-26640  
检验试验: GB/T-26480

Design and manufacture: GB/T-12237  
Flange standard: HG/T-20592  
Structure length: GB/T-12221  
Wall thickness standard: GB/T-26640  
Inspection test: GB/T-26480

### 美标设计标准 American design standard

设计制造: API6D/608  
法兰标准: ASME B16.5  
结构长度: ASME B16.10  
壁厚标准: ASME B16.34  
检验试验: API 598

Design and manufacture: API6D/608  
Flange standard: ASME B16.5  
Structure length: ASME B16.10  
Wall thickness standard: ASME B16.34  
Inspection test: API 598

### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	A105 F304 F316L 2205 2507
2	阀盖 VALVE COVER	A105 F304 F316L 2205 2507
3	球体 SPHERE	F304 F316L 2205 2507
4	阀杆 VALVE STEM	F304 F316L 2205 52507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	F304 F316L
10	压盖 PRESSURE CAP	F304 F316L
11	填料压圈 GASKET RING	F304 F316L
12	螺栓 BOLT	F304 F316L
13	螺母 NUT	F304 F316L
14	O型圈 O-RING	氟橡胶 FKM

## SOFT-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

软密封锻钢（自由锻）法兰球阀

国标 GB/DN15-DN300 PN16

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	65	95	108	-	9	16	2	4-14	9*9	F05
DN20	20	58	75	105	117	-	9	18	2	4-14	9*9	F05
DN25	25	68	85	115	127	-	11	18	2	4-14	11*11	F07
DN32	32	78	100	140	140	-	11	18	2	4-18	11*11	F07
DN40	40	88	110	150	165	-	14	18	2	4-18	14*14	F07
DN50	50	102	125	165	178	-	14	18	2	4-18	14*14	F07
DN65	65	122	145	185	191	-	17	18	2	8-18	17*17	F10
DN80	76	138	160	200	203	-	17	20	2	8-18	17*17	F10
DN100	100	158	180	220	229	-	22	20	2	8-18	22*22	F12
DN125	125	188	210	250	356	-	22	22	2	8-18	22*22	F12
DN150	150	212	240	285	394	-	27	22	2	8-22	27*27	F14
DN200	200	268	295	340	457	-	27	24	2	12-22	27*27	F16
DN250	250	320	355	405	533	-	36	26	2	12-26	36*36	F16
DN300	300	378	410	460	610	-	36	28	2	12-26	36*36	F16

国标 GB/DN15-DN300 PN25

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	65	95	140	-	9	16	2	4-14	9*9	F05
DN20	20	58	75	105	152	-	9	18	2	4-14	9*9	F05
DN25	25	68	85	115	165	-	11	18	2	4-14	11*11	F07
DN32	32	78	100	140	178	-	11	18	2	4-18	11*11	F07
DN40	40	88	110	150	190	-	14	18	2	4-18	14*14	F07
DN50	50	102	125	165	216	-	14	20	2	4-18	14*14	F07
DN65	65	122	145	185	241	-	17	22	2	8-18	17*17	F10
DN80	76	138	160	200	283	-	17	24	2	8-18	17*17	F10
DN100	100	162	190	235	305	-	22	24	2	8-22	22*22	F12
DN125	125	188	220	270	381	-	22	26	2	8-26	22*22	F12
DN150	150	218	250	300	403	-	27	28	2	8-26	27*27	F14
DN200	200	278	310	360	502	-	27	30	2	12-26	27*27	F16
DN250	250	335	370	425	568	-	36	32	2	12-30	36*36	F16
DN300	300	395	430	485	648	-	36	34	2	16-30	36*36	F16

国标 GB/DN15-DN300 PN40

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	65	95	140	-	9	16	2	4-14	9*9	F05
DN20	20	58	75	105	152	-	9	18	2	4-14	9*9	F05
DN25	25	68	85	115	165	-	11	18	2	4-14	11*11	F07
DN32	32	78	100	140	178	-	11	18	2	4-18	11*11	F07
DN40	40	88	110	150	190	-	14	18	2	4-18	14*14	F07
DN50	50	102	125	165	216	-	14	20	2	4-18	14*14	F07
DN65	65	122	145	185	241	-	17	22	2	8-18	17*17	F10
DN80	76	138	160	200	283	-	17	24	2	8-18	17*17	F10
DN100	100	162	190	235	305	-	22	24	2	8-22	22*22	F12
DN125	125	188	220	270	381	-	22	26	2	8-26	22*22	F12
DN150	150	218	250	300	403	-	27	28	2	8-26	27*27	F14
DN200	200	285	320	375	502	-	27	34	2	12-30	27*27	F16
DN250	250	345	385	450	568	-	36	38	2	12-33	36*36	F16
DN300	300	410	450	515	648	-	36	42	2	16-33	36*36	F16

## SOFT-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

软密封锻钢（自由锻）法兰球阀

国标 GB/DN15-DN300 PN63

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	75	105	165	-	11	20	2	4-14	11*11	F05
DN20	20	58	90	130	191	-	11	22	2	4-18	11*11	F05
DN25	25	68	100	140	216	-	14	24	2	4-18	14*14	F07
DN32	32	78	110	155	229	-	14	24	2	4-22	14*14	F07
DN40	40	88	125	170	241	-	17	26	2	4-22	17*17	F07
DN50	50	102	135	180	292	-	17	26	2	4-22	17*17	F07
DN65	65	122	160	205	330	-	22	26	2	8-22	22*22	F10
DN80	76	138	170	215	356	-	22	28	2	8-22	22*22	F10
DN100	100	162	200	250	406	-	27	30	2	8-26	27*27	F12
DN125	125	188	240	295	432	-	27	34	2	8-30	27*27	F12
DN150	150	218	280	345	495	-	36	36	2	8-33	36*36	F14
DN200	200	285	345	415	597	-	36	42	2	12-36	36*36	F16
DN250	250	345	400	470	673	-	46	46	2	12-36	46*46	F16
DN300	300	410	460	530	762	-	46	52	2	16-36	46*46	F16

国标 GB/DN15-DN300 PN100

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	75	105	165	-	11	20	2	4-14	11*11	F05
DN20	20	58	90	130	191	-	11	22	2	4-18	11*11	F05
DN25	25	68	100	140	216	-	14	24	2	4-18	14*14	F07
DN32	32	78	110	155	229	-	14	24	2	4-22	14*14	F07
DN40	40	88	125	170	241	-	17	26	2	4-22	17*17	F07
DN50	50	102	145	195	292	-	17	28	2	4-26	17*17	F07
DN65	65	122	170	220	330	-	22	30	2	8-26	22*22	F10
DN80	76	138	180	230	356	-	22	32	2	8-26	22*22	F10
DN100	100	162	210	265	432	-	27	36	2	8-30	27*27	F12
DN125	125	188	250	315	508	-	27	40	2	8-33	27*27	F12
DN150	150	218	290	355	559	-	36	44	2	12-33	36*36	F14
DN200	200	285	360	430	660	-	36	52	2	12-36	36*36	F16
DN250	250	345	430	505	787	-	46	60	2	12-39	46*46	F16
DN300	300	410	500	585	838	-	46	68	2	16-42	46*46	F16

国标 GB/DN15-DN300 PN160

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	75	105	165	-	11	20	2	4-14	11*11	F05
DN20	20	58	90	130	190	-	11	24	2	4-18	11*11	F05
DN25	25	68	100	140	216	-	14	24	2	4-18	14*14	F07
DN32	32	78	110	155	229	-	14	28	2	4-22	14*14	F07
DN40	40	88	125	170	241	-	17	28	2	4-22	17*17	F07
DN50	50	102	145	195	368	-	17	30	2	4-26	17*17	F07
DN65	65	122	170	220	419	-	22	34	2	8-26	22*22	F10
DN80	76	138	180	230	381	-	22	36	2	8-26	22*22	F10
DN100	100	162	210	265	457	-	27	40	2	8-30	27*27	F12
DN125	125	188	250	315	559	-	27	44	2	8-33	27*27	F12
DN150	150	218	290	355	610	-	36	50	2	12-33	36*36	F14
DN200	200	285	360	430	737	-	36	60	2	12-36	36*36	F16
DN250	250	345	430	515	838	-	46	68	2	12-42	46*46	F16
DN300	300	410	500	585	965	-	46	78	2	16-42	46*46	F16

## SOFT-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

软密封锻钢（自由锻）法兰球阀

国标 GB/DN15-DN300 PN250

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	90	130	216	-	14	26	2	4-18	14 * 14	F05
DN20	20	58	95	135	229	-	14	28	2	4-18	14 * 14	F05
DN25	25	68	105	150	254	-	17	28	2	4-22	17 * 17	F07
DN32	32	78	120	165	279	-	17	32	2	4-22	17 * 17	F07
DN40	40	88	135	185	305	-	22	34	3	4-26	22 * 22	F07
DN50	50	102	150	200	368	-	22	38	3	8-26	22 * 22	F07
DN65	65	122	180	230	419	-	27	42	3	8-26	27 * 27	F10
DN80	76	138	200	255	470	-	27	46	3	8-30	27 * 27	F10
DN100	100	162	235	300	546	-	36	54	3	8-33	36 * 36	F12
DN125	125	188	275	340	673	-	36	60	3	12-33	36 * 36	F12
DN150	150	218	320	390	705	-	46	68	3	12-36	46 * 46	F14
DN200	200	285	400	485	832	-	46	82	3	12-42	46 * 46	F16
DN250	250	345	490	585	991	-	55	100	3	16-48	55 * 55	F16
DN300	300				1130	-	55				55 * 55	F16

国标 GB/DN15-DN300 PN320

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	90	130	264	-	17	26	2	4-18	17 * 17	F05
DN20	20	58	100	145	273	-	17	30	2	4-22	17 * 17	F05
DN25	25	68	115	160	308	-	22	34	2	4-22	22 * 22	F07
DN32	32	78	130	175	349	-	22	36	2	4-26	22 * 22	F07
DN40	40	88	145	195	384	-	27	38	3	4-26	27 * 27	F07
DN50	50	102	160	210	451	-	27	42	3	8-26	27 * 27	F07
DN65	65	122	200	255	508	-	36	51	3	8-30	36 * 36	F10
DN80	76	138	220	275	578	-	36	55	3	8-30	36 * 36	F10
DN100	100	162	265	335	673	-	46	65	3	8-36	46 * 46	F12
DN125	125	188	310	380	794	-	46	75	3	12-36	46 * 46	F12
DN150	150	218	350	425	914	-	55	84	3	12-39	55 * 55	F14
DN200	200	285	440	525	1022	-	55	103	3	16-42	55 * 55	F16
DN250	250	345	540	640	1270	-	55	125	3	16-52	55 * 55	F16
DN300	300	381	571.5	675	1422	-	65				65 * 65	F16

国标 GB/DN15-DN300 PN400

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	100	145	264	-	17	30	2	4-22	17 * 17	F05
DN20	20	58	115	160	273	-	17	34	2	4-22	17 * 17	F05
DN25	25	68	130	180	308	-	22	38	2	4-26	22 * 22	F07
DN32	32	78	145	200	349	-	22	43	2	4-26	22 * 22	F07
DN40	40	88	165	220	384	-	27	48	3	4-30	27 * 27	F07
DN50	50	102	180	235	451	-	27	52	3	8-30	27 * 27	F07
DN65	65	122	225	290	508	-	36	64	3	8-33	36 * 36	F10
DN80	76	138	240	305	578	-	36	68	3	8-33	36 * 36	F10
DN100	100	162	295	370	673	-	46	80	3	8-39	46 * 46	F12
DN125	125	188	340	415	794	-	46	92	3	12-39	46 * 46	F12
DN150	150	218	390	475	914	-	55	105	3	12-42	55 * 55	F14
DN200	200	285	490	585	1022	-	55	130	3	16-48	55 * 55	F16
DN250	250	323.8	539.8	675	1270	-	55				55 * 55	F16
DN300	300	381	619.1	760	1422	-	65				65 * 65	F16

## SOFT-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

软密封锻钢（自由锻）法兰球阀

美标 ASME 1/2" -12" 150LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	60.3	90	108	-	9	11.6	2	4-16	9 * 9	F05
3/4"	20	42.9	69.9	100	117	-	9	13.2	2	4-16	9 * 9	F05
1"	25	50.8	79.4	110	127	-	11	14.7	2	4-16	11 * 11	F07
1 1/4"	32	63.5	88.9	115	140	-	11	16.3	2	4-16	11 * 11	F07
1-1/2"	40	73	98.4	125	165	-	14	17.9	2	4-16	14 * 14	F07
2"	50	92.1	120.7	150	178	-	14	19.5	2	4-18	14 * 14	F07
2-1/2"	65	104.8	139.7	180	191	-	17	22.7	2	4-18	17 * 17	F10
3"	76	127	152.4	190	203	-	17	24.3	2	4-18	17 * 17	F10
4"	100	157.2	190.5	230	229	-	22	24.3	2	8-18	22 * 22	F12
5"	125	185.7	215.9	255	356	-	22	24.3	2	8-22	22 * 22	F12
6"	150	215.9	241.3	280	394	-	27	25.9	2	8-22	27 * 27	F14
8"	200	269.9	298.5	345	457	-	27	29	2	8-22	27 * 27	F16
10"	250	323.8	362	405	533	-	36	30.6	2	12-26	36 * 36	F16
12"	300	381	431.8	485	610	-	36	32.2	2	12-26	36 * 36	F16

美标 ASME 1/2" -12" 300LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	66.7	95	140	-	9	14.7	2	4-16	9 * 9	F05
3/4"	20	42.9	82.6	115	152	-	9	16.3	2	4-18	9 * 9	F05
1"	25	50.8	88.9	125	165	-	11	17.9	2	4-18	11 * 11	F07
1 1/4"	32	63.5	98.4	135	178	-	11	19.5	2	4-18	11 * 11	F07
1-1/2"	40	73	114.3	155	190	-	14	21.1	2	4-22	14 * 14	F07
2"	50	92.1	127	165	216	-	14	22.7	2	8-18	14 * 14	F07
2-1/2"	65	104.8	149.2	190	241	-	17	25.9	2	8-22	17 * 17	F10
3"	76	127	168.3	210	283	-	17	29	2	8-22	17 * 17	F10
4"	100	157.2	200	255	305	-	22	32.2	2	8-22	22 * 22	F12
5"	125	185.7	235	280	381	-	22	35.4	2	8-22	22 * 22	F12
6"	150	215.9	269.9	320	403	-	27	37	2	12-22	27 * 27	F14
8"	200	269.9	330.2	380	502	-	27	41.7	2	12-26	27 * 27	F16
10"	250	323.8	387.4	445	568	-	36	48.1	2	16-30	36 * 36	F16
12"	300	381	450.8	520	648	-	36	51.3	2	16-33	36 * 36	F16

美标 ASME 1/2" -12" 600LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	66.7	95	165	-	11	21.3	7	4-16	11 * 11	F05
3/4"	20	42.9	82.6	115	191	-	11	22.9	7	4-18	11 * 11	F05
1"	25	50.8	88.9	125	216	-	14	34.5	7	4-18	14 * 14	F07
1 1/4"	32	63.5	98.4	135	229	-	14	27.7	7	4-8	14 * 14	F07
1-1/2"	40	73	114.3	155	241	-	17	29.3	7	4-22	17 * 17	F07
2"	50	92.1	127	165	292	-	17	32.4	7	8-18	17 * 17	F07
2-1/2"	65	104.8	149.2	190	330	-	22	35.6	7	8-22	22 * 22	F10
3"	76	127	168.3	210	356	-	22	38.8	7	8-22	22 * 22	F10
4"	100	157.2	215.9	275	432	-	27	45.1	7	8-26	27 * 27	F12
5"	125	185.7	266.7	330	508	-	27	51.5	7	8-30	27 * 27	F12
6"	150	215.9	292.1	355	559	-	36	54.7	7	12-30	36 * 36	F14
8"	200	269.9	349.2	420	660	-	36	62.6	7	12-33	36 * 36	F16
10"	250	323.8	431.8	510	787	-	46	70.5	7	16-36	46 * 46	F16
12"	300	381	489	560	838	-	46	73.7	7	20-36	46 * 46	F16

## SOFT-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

软密封锻钢（自由锻）法兰球阀

美标 ASME 1/2" -12" 900LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	82.6	120	165	-	11	29.3	7	4-22	11 * 11	F05
3/4"	20	42.9	88.9	130	190	-	11	32.4	7	4-22	11 * 11	F05
1"	25	50.8	101.6	150	216	-	14	35.6	7	4-26	14 * 14	F07
1 1/4"	32	63.5	111.1	160	229	-	14	35.6	7	4-26	14 * 14	F07
1-1/2"	40	73	123.8	180	241	-	17	38.8	7	4-30	17 * 17	F07
2"	50	92.1	165.1	215	368	-	17	45.1	7	8-26	17 * 17	F07
2-1/2"	65	104.8	190.5	245	419	-	22	48.3	7	8-30	22 * 22	F10
3"	76	127	190.5	240	381	-	22	45.1	7	8-26	22 * 22	F10
4"	100	157.2	235	290	457	-	27	51.5	7	8-33	27 * 27	F12
5"	125	185.7	279.4	350	559	-	27	57.8	7	8-36	27 * 27	F12
6"	150	215.9	317.5	380	610	-	36	62.6	7	12-33	36 * 36	F14
8"	200	269.9	393.7	470	737	-	36	70.5	7	12-39	36 * 36	F16
10"	250	323.8	469.9	545	838	-	46	76.9	7	16-39	46 * 46	F16
12"	300	381	533.4	610	965	-	46	86.4	7	20-39	46 * 46	F16

美标 ASME 1/2" -12" 1500LB

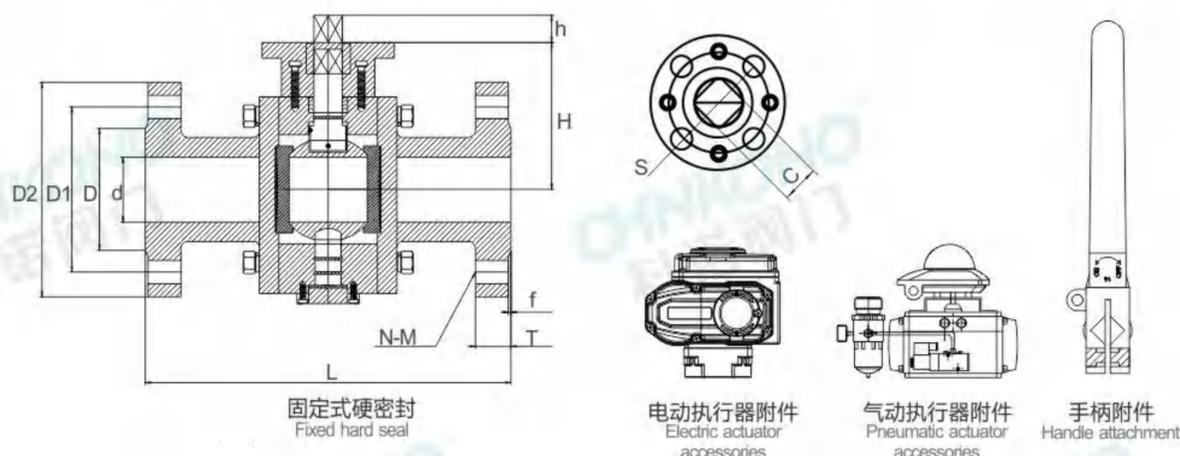
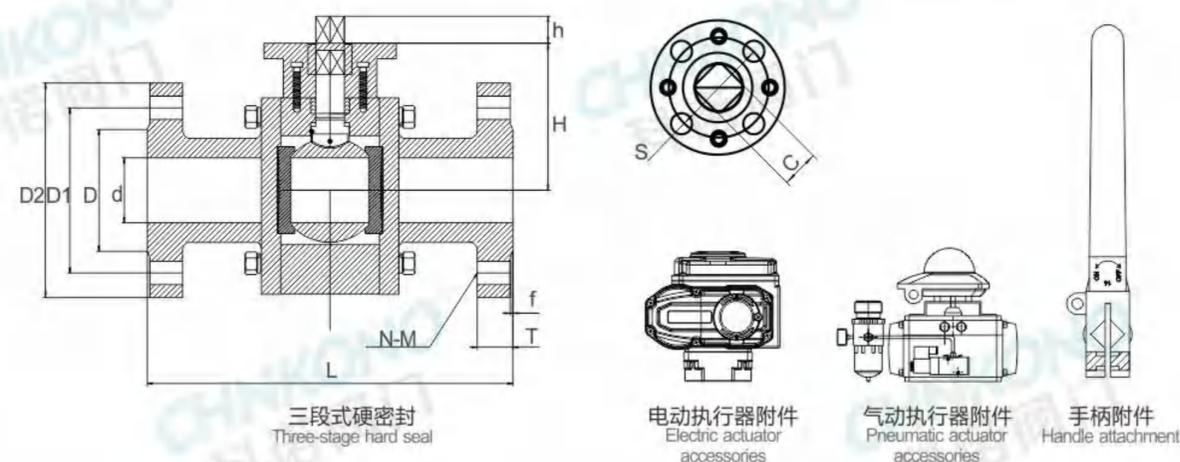
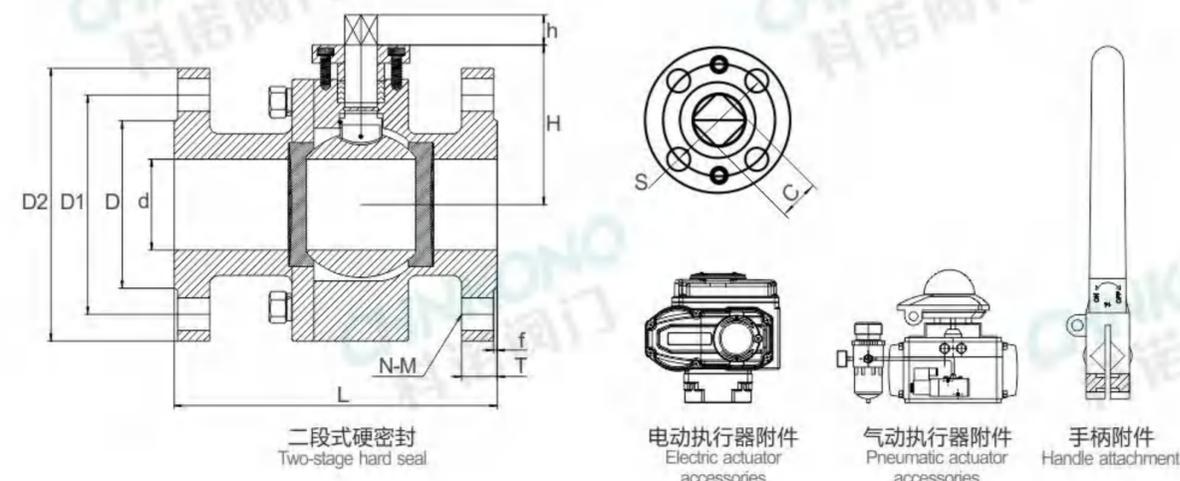
规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	82.6	120	216	-	14	29.3	7	4-22	14 * 14	F05
3/4"	20	42.9	88.9	130	229	-	14	32.4	7	4-22	14 * 14	F05
1"	25	50.8	101.6	150	254	-	17	35.6	7	4-26	17 * 17	F07
1 1/4"	32	63.5	111.1	160	279	-	17	35.6	7	4-26	17 * 17	F07
1-1/2"	40	73	123.8	180	305	-	22	38.8	7	4-30	22 * 22	F07
2"	50	92.1	165.1	215	368	-	22	45.1	7	8-26	22 * 22	F07
2-1/2"	65	104.8	190.5	245	419	-	27	48.3	7	8-30	27 * 27	F10
3"	76	127	203.2	265	470	-	27	54.7	7	8-33	27 * 27	F10
4"	100	157.2	241.3	310	546	-	36	61	7	8-36	36 * 36	F12
5"	125	185.7	292.1	375	673	-	36	80.1	7	8-42	36 * 36	F12
6"	150	215.9	317.5	395	705	-	46	89.6	7	12-39	46 * 46	F14
8"	200	269.9	393.7	485	832	-	46	99.1	7	12-45	46 * 46	F16
10"	250	323.8	482.6	585	991	-	55	115	7	12-51	55 * 55	F16
12"	300	381	571.5	675	1130	-	55	130.9	7	16-55	55 * 55	F16

美标 ASME 1/2" -12" 2500LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	88.9	135	264	-	17	37.2	7	4-22	17 * 17	F05
3/4"	20	42.9	95.2	140	273	-	17	38.8	7	4-22	17 * 17	F05
1"	25	50.8	108	160	308	-	22	42	7	4-26	22 * 22	F07
1 1/4"	32	63.5	130.2	185	349	-	22	45.1	7	4-30	22 * 22	F07
1-1/2"	40	73	146	205	384	-	27	51.5	7	4-33	27 * 27	F07
2"	50	92.1	171.4	235	451	-	27	57.9	7	8-30	27 * 27	F07
2-1/2"	65	104.8	196.8	265	508	-	36	64.2	7	8-33	36 * 36	F10
3"	76	127	228	305	578	-	36	73.7	7	8-36	36 * 36	F10
4"	100	157.2	273	335	673	-	46	83.2	7	8-42	46 * 46	F12
5"	125	185.7	323.8	420	794	-	46	99.1	7	8-48	46 * 46	F12
6"	150	215.9	368.3	485	914	-	55	115	7	8-55	55 * 55	F14
8"	200	269.9	438.2	550	1022	-	55	134	7	12-55	55 * 55	F16
10"	250	323.8	539.8	675	1270	-	55	172.1	7	12-68	55 * 55	F16
12"	300	381	619.1	760	1422	-	65	191.2	7	12-74	65 * 65	F16

## HARD-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

硬密封锻钢（自由锻）法兰球阀



## HARD-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

### 硬密封锻钢（自由锻）法兰球阀

#### 国标设计标准 GB Design standards

设计制造: GB/T-12237

法兰标准: HG/T-20592

结构长度: GB/T-12221

壁厚标准: GB/T-26640

检验试验: GB/T-26480

Design and manufacture: GB/T-12237

Flange standard: HG/T-20592

Structurelength: GB/T-12221

Wall thickness starstandard: GB/T-26640

Inspectiontest: GB/T-26480

#### 美标设计标准 American design standard

设计制造: API6D/608

法兰标准: ASME B16.5

结构长度: ASME B16.10

壁厚标准: ASME B16.34

检验试验: API 598

Design and manufacture: API6D/608

Flange standard: ASME B16.5

Structurelength: ASME B16.10

Wall thickness starstandard: ASME B16.34

Inspectiontest: API 598

#### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	A105 F304 F316L 2205 2507
2	阀盖 VALVE COVER	A105 F304 F316L 2205 2507
3	球体 SPHERE	F304 F316L 2205 2507+WC+NI60+STL
4	阀杆 VALVE STEM	F304 F316L 2507 2205
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	F304 F316L 2205 2507+WC+NI60+STL
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	304 316L
10	压盖 PRESSURE CAP	F304 F316L 2205 2507
11	填料压圈 GASKET RING	F304 F316L 2205 2507
12	螺栓 BOLT	304 316L
13	螺母 NUT	304 316L
14	O型圈 O-RING	氟橡胶 FKM

## HARD-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

### 硬密封锻钢（自由锻）法兰球阀

#### 国标 GB/DN15-DN300 PN16

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	65	95	108	-	9	16	2	4-14	9*9	F05
DN20	20	58	75	105	117	-	9	18	2	4-14	9*9	F05
DN25	25	68	85	115	127	-	11	18	2	4-14	11*11	F07
DN32	32	78	100	140	140	-	11	18	2	4-18	11*11	F07
DN40	40	88	110	150	165	-	14	18	2	4-18	14*14	F07
DN50	50	102	125	165	178	-	14	18	2	4-18	14*14	F07
DN65	65	122	145	185	191	-	17	18	2	8-18	17*17	F10
DN80	76	138	160	200	203	-	17	20	2	8-18	17*17	F10
DN100	100	158	180	220	229	-	22	20	2	8-18	22*22	F12
DN125	125	188	210	250	356	-	22	22	2	8-18	22*22	F12
DN150	150	212	240	285	394	-	27	22	2	8-22	27*27	F14
DN200	200	268	295	340	457	-	27	24	2	12-22	27*27	F16
DN250	250	320	355	405	533	-	36	26	2	12-26	36*36	F16
DN300	300	378	410	460	610	-	36	28	2	12-26	36*36	F16

#### 国标 GB/DN15-DN300 PN25

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	65	95	140	-	9	16	2	4-14	9*9	F05
DN20	20	58	75	105	152	-	9	18	2	4-14	9*9	F05
DN25	25	68	85	115	165	-	11	18	2	4-14	11*11	F07
DN32	32	78	100	140	178	-	11	18	2	4-18	11*11	F07
DN40	40	88	110	150	190	-	14	18	2	4-18	14*14	F07
DN50	50	102	125	165	216	-	14	20	2	4-18	14*14	F07
DN65	65	122	145	185	241	-	17	22	2	8-18	17*17	F10
DN80	76	138	160	200	283	-	17	24	2	8-18	17*17	F10
DN100	100	162	190	235	305	-	22	24	2	8-22	22*22	F12
DN125	125	188	220	270	381	-	22	26	2	8-26	22*22	F12
DN150	150	218	250	300	403	-	27	28	2	8-26	27*27	F14
DN200	200	278	310	360	502	-	27	30	2	12-26	27*27	F16
DN250	250	335	370	425	568	-	36	32	2	12-30	36*36	F16
DN300	300	395	430	485	648	-	36	34	2	16-30	36*36	F16

#### 国标 GB/DN15-DN300 PN40

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	65	95	140	-	9	16	2	4-14	9*9	F05
DN20	20	58	75	105	152	-	9	18	2	4-14	9*9	F05
DN25	25	68	85	115	165	-	11	18	2	4-14	11*11	F07
DN32	32	78	100	140	178	-	11	18	2	4-18	11*11	F07
DN40	40	88	110	150	190	-	14	18	2	4-18	14*14	F07
DN50	50	102	125	165	216	-	14	20	2	4-18	14*14	F07
DN65	65	122	145	185	241	-	17	22	2	8-18	17*17	F10
DN80	76	138	160	200	283	-	17	24	2	8-18	17*17	F10
DN100	100	162	190	235	305	-	22	24	2	8-22	22*22	F12
DN125	125	188	220	270	381	-	22	26	2	8-26	22*22	F12
DN150	150	218	250	300	403	-	27	28	2	8-26	27*27	F14
DN200	200	285	320	375	502	-	27	34	2	12-30	27*27	F16
DN250	250	345	385	450	568	-	36	38	2	12-33	36*36	F16
DN300	300	410	450	515	648	-	36	42	2	16-33	36*36	F16

## HARD-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

硬密封锻钢（自由锻）法兰球阀

国标 GB/DN15-DN300 PN63

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	75	105	165	-	11	20	2	4-14	11 * 11	F05
DN20	20	58	90	130	191	-	11	22	2	4-18	11 * 11	F05
DN25	25	68	100	140	216	-	14	24	2	4-18	14 * 14	F07
DN32	32	78	110	155	229	-	14	24	2	4-22	14 * 14	F07
DN40	40	88	125	170	241	-	17	26	2	4-22	17 * 17	F07
DN50	50	102	135	180	292	-	17	26	2	4-22	17 * 17	F07
DN65	65	122	160	205	330	-	22	26	2	8-22	22 * 22	F10
DN80	76	138	170	215	356	-	22	28	2	8-22	22 * 22	F10
DN100	100	162	200	250	406	-	27	30	2	8-26	27 * 27	F12
DN125	125	188	240	295	432	-	27	34	2	8-30	27 * 27	F12
DN150	150	218	280	345	495	-	36	36	2	8-33	36 * 36	F14
DN200	200	285	345	415	597	-	36	42	2	12-36	36 * 36	F16
DN250	250	345	400	470	673	-	46	46	2	12-36	46 * 46	F16
DN300	300	410	460	530	762	-	46	52	2	16-36	46 * 46	F16

国标 GB/DN15-DN300 PN100

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	75	105	165	-	11	20	2	4-14	11 * 11	F05
DN20	20	58	90	130	191	-	11	22	2	4-18	11 * 11	F05
DN25	25	68	100	140	216	-	14	24	2	4-18	14 * 14	F07
DN32	32	78	110	155	229	-	14	24	2	4-22	14 * 14	F07
DN40	40	88	125	170	241	-	17	26	2	4-22	17 * 17	F07
DN50	50	102	145	195	292	-	17	28	2	4-26	17 * 17	F07
DN65	65	122	170	220	330	-	22	30	2	8-26	22 * 22	F10
DN80	76	138	180	230	356	-	22	32	2	8-26	22 * 22	F10
DN100	100	162	210	265	432	-	27	36	2	8-30	27 * 27	F12
DN125	125	188	250	315	508	-	27	40	2	8-33	27 * 27	F12
DN150	150	218	290	355	559	-	36	44	2	12-33	36 * 36	F14
DN200	200	285	360	430	660	-	36	52	2	12-36	36 * 36	F16
DN250	250	345	430	505	787	-	46	60	2	12-39	46 * 46	F16
DN300	300	410	500	585	838	-	46	68	2	16-42	46 * 46	F16

国标 GB/DN15-DN300 PN160

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	75	105	165	-	11	20	2	4-14	11 * 11	F05
DN20	20	58	90	130	190	-	11	24	2	4-18	11 * 11	F05
DN25	25	68	100	140	216	-	14	24	2	4-18	14 * 14	F07
DN32	32	78	110	155	229	-	14	28	2	4-22	14 * 14	F07
DN40	40	88	125	170	241	-	17	28	2	4-22	17 * 17	F07
DN50	50	102	145	195	368	-	17	30	2	4-26	17 * 17	F07
DN65	65	122	170	220	419	-	22	34	2	8-26	22 * 22	F10
DN80	76	138	180	230	381	-	22	36	2	8-26	22 * 22	F10
DN100	100	162	210	265	457	-	27	40	2	8-30	27 * 27	F12
DN125	125	188	250	315	559	-	27	44	2	8-33	27 * 27	F12
DN150	150	218	290	355	610	-	36	50	2	12-33	36 * 36	F14
DN200	200	285	360	430	737	-	36	60	2	12-36	36 * 36	F16
DN250	250	345	430	515	838	-	46	68	2	12-42	46 * 46	F16
DN300	300	410	500	585	965	-	46	78	2	16-42	46 * 46	F16

## HARD-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

硬密封锻钢（自由锻）法兰球阀

国标 GB/DN15-DN300 PN250

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	90	130	216	-	14	26	2	4-18	14 * 14	F05
DN20	20	58	95	135	229	-	14	28	2	4-18	14 * 14	F05
DN25	25	68	105	150	254	-	17	28	2	4-22	17 * 17	F07
DN32	32	78	120	165	279	-	17	32	2	4-22	17 * 17	F07
DN40	40	88	135	185	305	-	22	34	3	4-26	22 * 22	F07
DN50	50	102	150	200	368	-	22	38	3	8-26	22 * 22	F07
DN65	65	122	180	230	419	-	27	42	3	8-26	27 * 27	F10
DN80	76	138	200	255	470	-	27	46	3	8-30	27 * 27	F10
DN100	100	162	235	300	546	-	36	54	3	8-33	36 * 36	F12
DN125	125	188	275	340	673	-	36	60	3	12-33	36 * 36	F12
DN150	150	218	320	390	705	-	46	68	3	12-36	46 * 46	F14
DN200	200	285	400	485	832	-	46	82	3	12-42	46 * 46	F16
DN250	250	345	490	585	991	-	55	100	3	16-48	55 * 55	F16
DN300	300				1130	-	55				55 * 55	F16

国标 GB/DN15-DN300 PN320

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	90	130	264	-	17	26	2	4-18	17 * 17	F05
DN20	20	58	100	145	273	-	17	30	2	4-22	17 * 17	F05
DN25	25	68	115	160	308	-	22	34	2	4-22	22 * 22	F07
DN32	32	78	130	175	349	-	22	36	2	4-26	22 * 22	F07
DN40	40	88	145	195	384	-	27	38	3	4-26	27 * 27	F07
DN50	50	102	160	210	451	-	27	42	3	8-26	27 * 27	F07
DN65	65	122	200	255	508	-	36	51	3	8-30	36 * 36	F10
DN80	76	138	220	275	578	-	36	55	3	8-30	36 * 36	F10
DN100	100	162	265	335	673	-	46	65	3	8-36	46 * 46	F12
DN125	125	188	310	380	794	-	46	75	3	12-36	46 * 46	F12
DN150	150	218	350	425	914	-	55	84	3	12-39	55 * 55	F14
DN200	200	285	440	525	1022	-	55	103	3	16-42	55 * 55	F16
DN250	250	345	540	640	1270	-	55	125	3	16-52	55 * 55	F16
DN300	300	381	571.5	675	1422	-	65				65 * 65	F16

国标 GB/DN15-DN300 PN400

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
DN15	15	45	100	145	264	-	17	30	2	4-22	17 * 17	F05
DN20	20	58	115	160	273	-	17	34	2	4-22	17 * 17	F05
DN25	25	68	130	180	308	-	22	38	2	4-26	22 * 22	F07
DN32	32	78	145	200	349	-	22	43	2	4-26	22 * 22	F07
DN40	40	88	165	220	384	-	27	48	3	4-30	27 * 27	F07
DN50	50	102	180	235	451	-	27	52	3	8-30	27 * 27	F07
DN65	65	122	225	290	508	-	36	64	3	8-33	36 * 36	F10
DN80	76	138	240	305	578	-	36	68	3	8-33	36 * 36	F10
DN100	100	162	295	370	673	-	46	80	3	8-39	46 * 46	F12
DN125	125	188	340	415	794	-	46	92	3	12-39	46 * 46	F12
DN150	150	218	390	475	914	-	55	105	3	12-42	55 * 55	F14
DN200	200	285	490	585	1022	-	55	130	3	16-48	55 * 55	F16
DN250	250	323.8	539.8	675	1270	-	55				55 * 55	F16
DN300	300	381	619.1	760	1422	-	65				65 * 65	F16

## HARD-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

硬密封锻钢（自由锻）法兰球阀

美标 ASME 1/2" -12" 150LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	60.3	90	108	-	9	11.6	2	4-16	9 * 9	F05
3/4"	20	42.9	69.9	100	117	-	9	13.2	2	4-16	9 * 9	F05
1"	25	50.8	79.4	110	127	-	11	14.7	2	4-16	11 * 11	F07
1 1/4"	32	63.5	88.9	115	140	-	11	16.3	2	4-16	11 * 11	F07
1-1/2"	40	73	98.4	125	165	-	14	17.9	2	4-16	14 * 14	F07
2"	50	92.1	120.7	150	178	-	14	19.5	2	4-18	14 * 14	F07
2-1/2"	65	104.8	139.7	180	191	-	17	22.7	2	4-18	17 * 17	F10
3"	76	127	152.4	190	203	-	17	24.3	2	4-18	17 * 17	F10
4"	100	157.2	190.5	230	229	-	22	24.3	2	8-18	22 * 22	F12
5"	125	185.7	215.9	255	356	-	22	24.3	2	8-22	22 * 22	F12
6"	150	215.9	241.3	280	394	-	27	25.9	2	8-22	27 * 27	F14
8"	200	269.9	298.5	345	457	-	27	29	2	8-22	27 * 27	F16
10"	250	323.8	362	405	533	-	36	30.6	2	12-26	36 * 36	F16
12"	300	381	431.8	485	610	-	36	32.2	2	12-26	36 * 36	F16

美标 ASME 1/2" -12" 300LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	66.7	95	140	-	9	14.7	2	4-16	9 * 9	F05
3/4"	20	42.9	82.6	115	152	-	9	16.3	2	4-18	9 * 9	F05
1"	25	50.8	88.9	125	165	-	11	17.9	2	4-18	11 * 11	F07
1 1/4"	32	63.5	98.4	135	178	-	11	19.5	2	4-18	11 * 11	F07
1-1/2"	40	73	114.3	155	190	-	14	21.1	2	4-22	14 * 14	F07
2"	50	92.1	127	165	216	-	14	22.7	2	8-18	14 * 14	F07
2-1/2"	65	104.8	149.2	190	241	-	17	25.9	2	8-22	17 * 17	F10
3"	76	127	168.3	210	283	-	17	29	2	8-22	17 * 17	F10
4"	100	157.2	200	255	305	-	22	32.2	2	8-22	22 * 22	F12
5"	125	185.7	235	280	381	-	22	35.4	2	8-22	22 * 22	F12
6"	150	215.9	269.9	320	403	-	27	37	2	12-22	27 * 27	F14
8"	200	269.9	330.2	380	502	-	27	41.7	2	12-26	27 * 27	F16
10"	250	323.8	387.4	445	568	-	36	48.1	2	16-30	36 * 36	F16
12"	300	381	450.8	520	648	-	36	51.3	2	16-33	36 * 36	F16

美标 ASME 1/2" -12" 600LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	66.7	95	165	-	11	21.3	7	4-16	11 * 11	F05
3/4"	20	42.9	82.6	115	191	-	11	22.9	7	4-18	11 * 11	F05
1"	25	50.8	88.9	125	216	-	14	34.5	7	4-18	14 * 14	F07
1 1/4"	32	63.5	98.4	135	229	-	14	27.7	7	4-8	14 * 14	F07
1-1/2"	40	73	114.3	155	241	-	17	29.3	7	4-22	17 * 17	F07
2"	50	92.1	127	165	292	-	17	32.4	7	8-18	17 * 17	F07
2-1/2"	65	104.8	149.2	190	330	-	22	35.6	7	8-22	22 * 22	F10
3"	76	127	168.3	210	356	-	22	38.8	7	8-22	22 * 22	F10
4"	100	157.2	215.9	275	432	-	27	45.1	7	8-26	27 * 27	F12
5"	125	185.7	266.7	330	508	-	27	51.5	7	8-30	27 * 27	F12
6"	150	215.9	292.1	355	559	-	36	54.7	7	12-30	36 * 36	F14
8"	200	269.9	349.2	420	660	-	36	62.6	7	12-33	36 * 36	F16
10"	250	323.8	431.8	510	787	-	46	70.5	7	16-36	46 * 46	F16
12"	300	381	489	560	838	-	46	73.7	7	20-36	46 * 46	F16

## HARD-SEALED FORGED STEEL (FREE FORGING) FLANGED BALL VALVE

硬密封锻钢（自由锻）法兰球阀

美标 ASME 1/2" -12" 900LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	82.6	120	165	-	11	29.3	7	4-22	11 * 11	F05
3/4"	20	42.9	88.9	130	190	-	11	32.4	7	4-22	11 * 11	F05
1"	25	50.8	101.6	150	216	-	14	35.6	7	4-26	14 * 14	F07
1 1/4"	32	63.5	111.1	160	229	-	14	35.6	7	4-26	14 * 14	F07
1-1/2"	40	73	123.8	180	241	-	17	38.8	7	4-30	17 * 17	F07
2"	50	92.1	165.1	215	368	-	17	45.1	7	8-26	17 * 17	F07
2-1/2"	65	104.8	190.5	245	419	-	22	48.3	7	8-30	22 * 22	F10
3"	76	127	190.5	240	381	-	22	45.1	7	8-26	22 * 22	F10
4"	100	157.2	235	290	457	-	27	51.5	7	8-33	27 * 27	F12
5"	125	185.7	279.4	350	559	-	27	57.8	7	8-36	27 * 27	F12
6"	150	215.9	317.5	380	610	-	36	62.6	7	12-33	36 * 36	F14
8"	200	269.9	393.7	470	737	-	36	70.5	7	12-39	36 * 36	F16
10"	250	323.8	469.9	545	838	-	46	76.9	7	16-39	46 * 46	F16
12"	300	381	533.4	610	965	-	46	86.4	7	20-39	46 * 46	F16

美标 ASME 1/2" -12" 1500LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	82.6	120	216	-	14	29.3	7	4-22	14 * 14	F05
3/4"	20	42.9	88.9	130	229	-	14	32.4	7	4-22	14 * 14	F05
1"	25	50.8	101.6	150	254	-	17	35.6	7	4-26	17 * 17	F07
1 1/4"	32	63.5	111.1	160	279	-	17	35.6	7	4-26	17 * 17	F07
1-1/2"	40	73	123.8	180	305	-	22	38.8	7	4-30	22 * 22	F07
2"	50	92.1	165.1	215	368	-	22	45.1	7	8-26	22 * 22	F07
2-1/2"	65	104.8	190.5	245	419	-	27	48.3	7	8-30	27 * 27	F10
3"	76	127	203.2	265	470	-	27	54.7	7	8-33	27 * 27	F10
4"	100	157.2	241.3	310	546	-	36	61	7	8-36	36 * 36	F12
5"	125	185.7	292.1	375	673	-	36	80.1	7	8-42	36 * 36	F12
6"	150	215.9	317.5	395	705	-	46	89.6	7	12-39	46 * 46	F14
8"	200	269.9	393.7	485	832	-	46	99.1	7	12-45	46 * 46	F16
10"	250	323.8	482.6	585	991	-	55	115	7	12-51	55 * 55	F16
12"	300	381	571.5	675	1130	-	55	130.9	7	16-55	55 * 55	F16

美标 ASME 1/2" -12" 2500LB

规格	d	D	D1	D2	L	H	h	T	f	N-M	C	S
1/2"	15	34.9	88.9	135	264	-	17	37.2	7	4-22	17 * 17	F05
3/4"	20	42.9	95.2	140	273	-	17	38.8	7	4-22	17 * 17	F05
1"	25	50.8	108	160	308	-	22	42	7	4-26	22 * 22	F07
1 1/4"	32	63.5	130.2	185	349	-	22	45.1	7	4-30	22 * 22	F07
1-1/2"	40	73	146	205	384	-	27	51.5	7	4-33	27 * 27	F07
2"	50	92.1	171.4	235	451	-	27	57.9	7	8-30	27 * 27	F07
2-1/2"	65	104.8	196.8	265	508	-	36	64.2	7	8-33	36 * 36	F10
3"	76	127	228	305	578	-	36	73.7	7	8-36	36 * 36	F10
4"	100	157.2	273	335	673	-	46	83.2	7	8-42	46 * 46	F12
5"	125	185.7	323.8	420	794	-	46	99.1	7	8-48	46 * 46	F12
6"	150	215.9	368.3	485	914	-	55	115	7	8-55	55 * 55	F14
8"	200	269.9	438.2	550	1022	-	55	134	7	12-55	55 * 55	F16
10"	250	323.8	539.8	675	1270	-	55	172.1	7	12-68	55 * 55	F16
12"	300	381	619.1	760	1422	-	65	191.2	7	12-74	65 * 65	F16

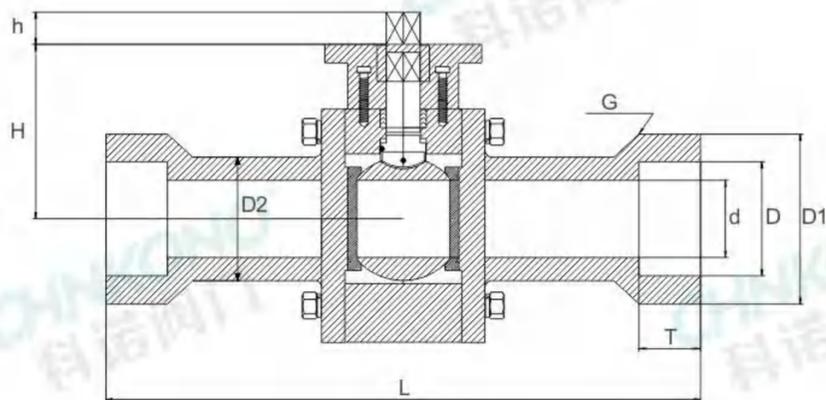
## FORGED STEEL SOCKET WELDED BALL VALVE

### 锻钢承插式焊接球阀

#### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34  
 检验试验: GB/T-26480/API598  
 结构长度: DIN3202-M3  
 连接标准: ASME M20.11  
 DIN 2999&BS21  
 ISO 228/1&ISO7/1

Design and manufacture: GB/T-12237/ASME B16.34  
 Inspection test: GB/T-26480/API598  
 Structural length: DIN3202-M3  
 Connection standard: ASME M20.11  
 DIN 2999&BS21  
 ISO 228/1&ISO7/1



#### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	A105 F304 F316L 2205 2507
2	阀盖 VALVE COVER	A105 F304 F316L 2205 2507
3	球体 SPHERE	F304 F316L 2205 2507
4	阀杆 VALVE STEM	F304 F316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE EM11 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	F304 F316L
10	压盖 PRESSURE CAP	F304 F316L
11	填料压圈 GASKET RING	F304 F316L
12	螺栓 BOLT	F304 F316L
13	螺母 NUT	F304 F316L
14	O型圈 O-RING	氟橡胶 FKM



#### 主要外形尺寸表 Main external dimensions table

规格	d	D	D1	D2	T	G	L	H	h	C	S
DN15	15	21.8	33.4	23.8	9.5	45deg	150	-	9	9*9	F05
DN20	20	27.2	38.1	27	12.5	45deg	155	-	9	9*9	F05
DN25	25	33.9	46.1	33.4	12.5	45deg	186	-	11	11*11	F07
DN32	32	42.7	55.6	42.7	12.5	45deg	195	-	11	11*11	F07
DN40	40	48.8	63.5	49.2	12.5	45deg	231	-	14	14*14	F07
DN50	50	61.2	79.4	61.9	16	45deg	243	-	14	14*14	F07
DN65	65	73.9	92.1	73	16	45deg	290	-	17	17*17	F10
DN80	76	89.9	111.1	88.9	16	45deg	302	-	17	17*17	F10
DN100	100	115.2	141.3	114.3	19	45deg	326	-	22	22*22	F12

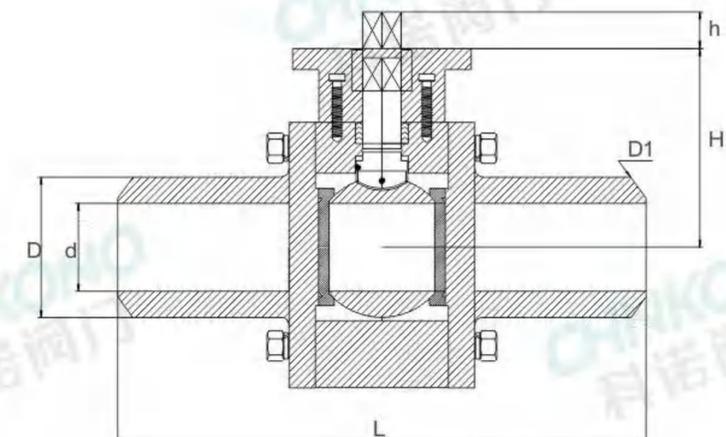
## FORGED STEEL BUTT-WELDED BALL VALVE

### 锻钢对焊式焊接球阀

#### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34  
 检验试验: GB/T-26480/API598  
 结构长度: DIN3202-M3  
 连接标准: ASME M20.11  
 DIN 2999&BS21  
 ISO 228/1&ISO7/1

Design and manufacture: GB/T-12237/ASME B16.34  
 Inspection test: GB/T-26480/API598  
 Structural length: DIN3202-M3  
 Connection standard: ASME M20.11  
 DIN 2999&BS21  
 ISO 228/1&ISO7/1



#### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	A105 F304 F316L 2205 2507
2	阀盖 VALVE COVER	A105 F304 F316L 2205 2507
3	球体 SPHERE	F304 F316L 2205 2507
4	阀杆 VALVE STEM	F304 F316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE EM11 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	F304 F316L
10	压盖 PRESSURE CAP	F304 F316L
11	填料压圈 GASKET RING	F304 F316L
12	螺栓 BOLT	F304 F316L
13	螺母 NUT	F304 F316L
14	O型圈 O-RING	氟橡胶 FKM



#### 主要外形尺寸表 Main external dimensions table

规格	d	D	D1	L	H	h	C	S
DN15	15	22.2	37.5deg	150	-	9	9*9	F05
DN20	20	29	37.5deg	155	-	9	9*9	F05
DN25	25	35	37.5deg	186	-	11	11*11	F07
DN32	32	42.1	37.5deg	195	-	11	11*11	F07
DN40	40	49.5	37.5deg	231	-	14	14*14	F07
DN50	50	63	37.5deg	243	-	14	14*14	F07
DN65	65	75	37.5deg	290	-	17	17*17	F10
DN80	76	90	37.5deg	302	-	17	17*17	F10
DN100	100	115	37.5deg	326	-	22	22*22	F12

## FORGED STEEL INTERNAL THREAD BALL VALVE

### 锻钢内螺纹球阀

#### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34

检验试验: GB/T-26480/API598

结构长度: DIN3202-M3

连接标准: ASME M20.11

DIN 2999&BS21

ISO 228/1&ISO7/1

Design and manufacture: GB/T-12237/ASME B16.34

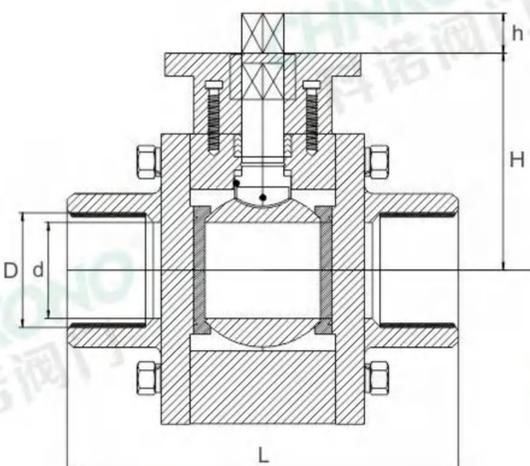
Inspection test: GB/T-26480/API598

Structural length: DIN3202-M3

Connection standard: ASME M20.11

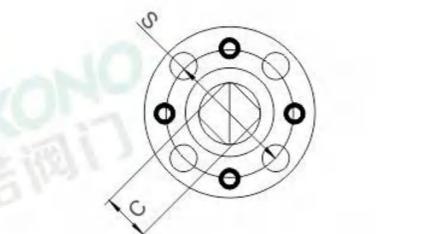
DIN 2999&BS21

ISO 228/1&ISO7/1



#### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	A105 F304 F316L 2205 2507
2	阀盖 VALVE COVER	A105 F304 F316L 2205 2507
3	球体 SPHERE	F304 F316L 2205 2507
4	阀杆 VALVE STEM	F304 F316L 2205 2507
5	金属缠绕垫 METAL JACKETED PIPE	304+石墨 316L+石墨
6	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	止推垫 THRUST WASHER	PTFE EM11 TFM1600 TFM4215 PEEK PCTFE
9	防静电珠 ANTISTATIC BEAD	F304 F316L
10	压盖 PRESSURE CAP	F304 F316L
11	填料压圈 GASKET RING	F304 F316L
12	螺栓 BOLT	F304 F316L
13	螺母 NUT	F304 F316L
14	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories

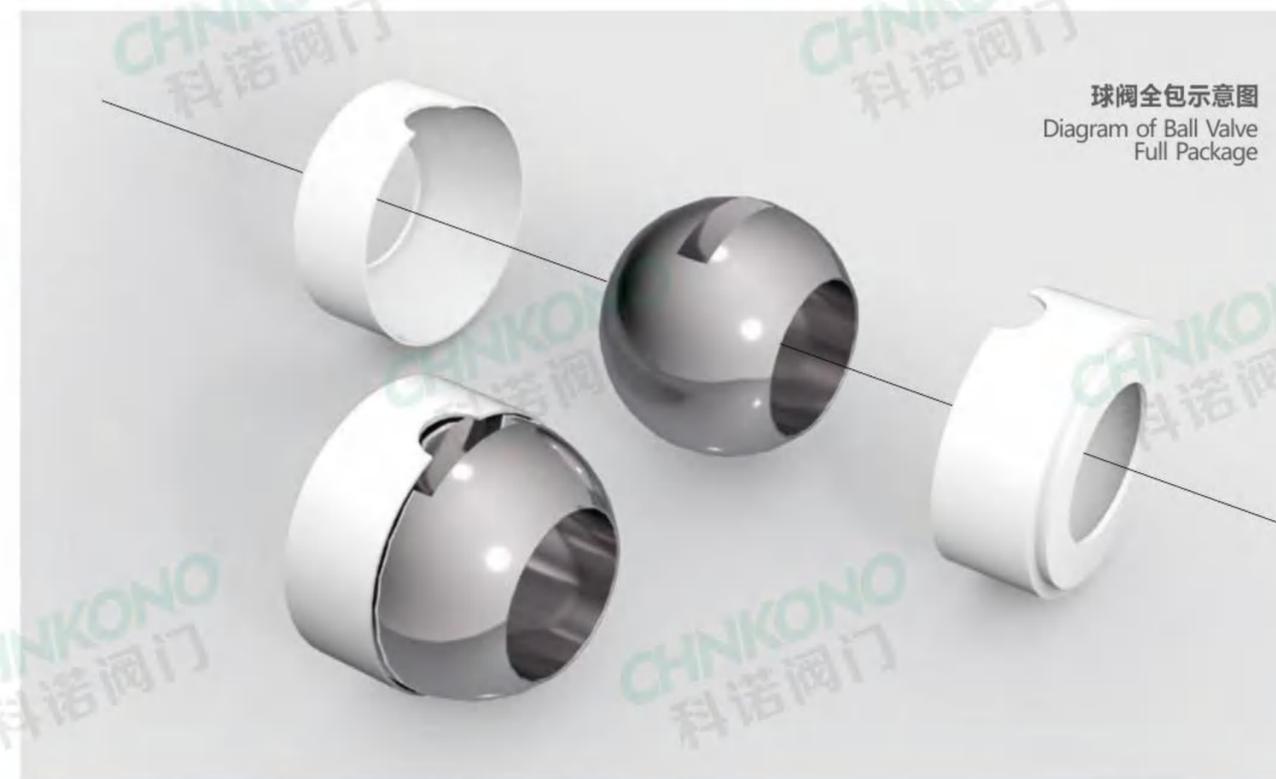
气动执行器附件  
Pneumatic actuator accessories

#### 主要外形尺寸表 Main external dimensions table

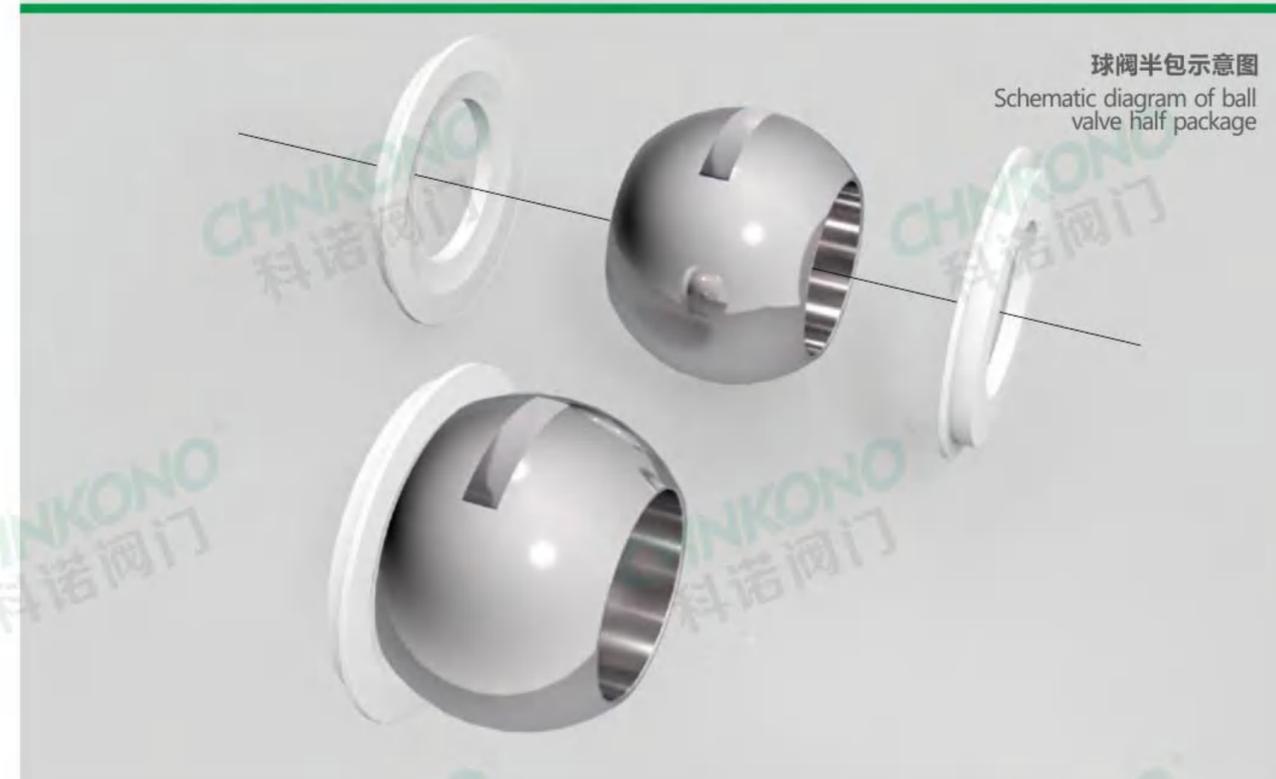
规格	d	D	L	H	h	C	S
DN15	15	1/2"	90	-	9	9*9	F05
DN20	20	3/4"	100	-	9	9*9	F05
DN25	25	1"	105	-	11	11*11	F07
DN32	32	1 1/4"	130	-	11	11*11	F07
DN40	40	1-1/2"	135	-	14	14*14	F07
DN50	50	2"	160	-	14	14*14	F07
DN65	65	2-1/2"	190	-	17	17*17	F10
DN80	76	3"	220	-	17	17*17	F10
DN100	100	4"	260	-	22	22*22	F12

## SCHEMATIC DIAGRAM OF BALL VALVE ENCLOSURE

### 球阀包围示意图



球阀全包围示意图  
Diagram of Ball Valve Full Package



球阀半包围示意图  
Schematic diagram of ball valve half package

## 1000WOG HIGH PLATFORM 3PC INTERNAL THREAD BALL VALVE -PN64

1000WOG高平台三片式内螺纹球阀-PN64

## 1000WOG HIGH PLATFORM 3PC INTERNAL THREAD BALL VALVE -PN64

1000WOG高平台三片式内螺纹球阀-PN64

### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34

检验试验: GB/T-26480/API598

结构长度: DIN 3202-M3

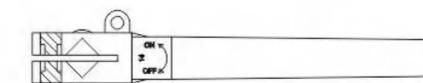
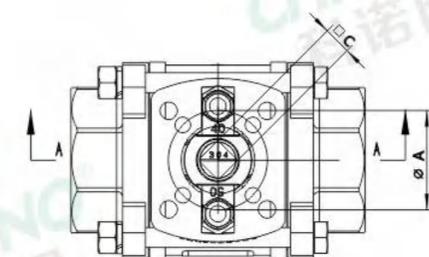
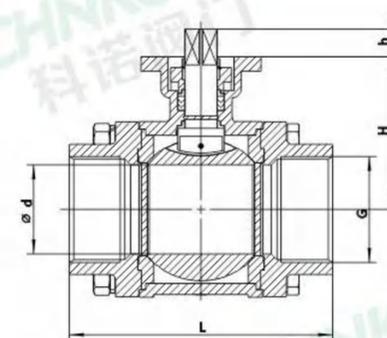
连接标准: ASME B12.02 DIN2999&BS21 ISO228/1&ISO7/1

Design and manufacture: GB/T-12237/ASME B16.34

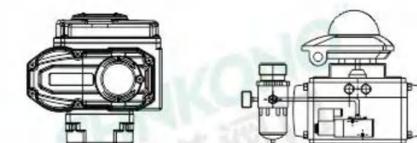
Inspection test: GB/T-26480/API598

Structural length: DIN 3202-M3

Connection standard: ASME B12.02 DIN2999&BS21 ISO228/1&ISO7/1



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories

气动执行器附件  
Pneumatic actuator accessories

### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	防静电珠 ANTISTATIC BEAD	304 316
9	压盖 PRESSURE CAP	304 316
10	填料压圈 GASKET RING	304 316
11	螺栓 BOLT	304 316
12	螺母 NUT	304 316
13	O型圈 O-RING	氟橡胶 FKM

### 主要外形尺寸表 Main external dimensions table

规格	d	L	G	H	h	C	A
DN15	15	75	1/2"	49.5	9	9*9	F04-F05
DN20	20	85	3/4"	52	9	9*9	F04-F05
DN25	25	90	1"	61	11	11*11	F04-F05
DN32	32	112	1 1/4"	66	11	11*11	F04-F05
DN40	40	120	1-1/2"	76.2	14	14*14	F05-F07
DN50	50	145	2"	85.5	14	14*14	F05-F07
DN65	65	170	2-1/2"	107	17	17*17	F07-F10
DN80	76	200	3"	115.5	17	17*17	F07-F10
DN100	100	240	4"	138	19	19*19	F07-F10

## 1000WOG HIGH PLATFORM 3PC QUICK-INSTALLATION BALL VALVE -PN64

1000WOG高平台三片式快装球阀-PN64

## 1000WOG HIGH PLATFORM 3PC QUICK-INSTALLATION BALL VALVE -PN64

1000WOG高平台三片式快装球阀-PN64

### 设计标准 Design standards

设计制造: GB/T-12237

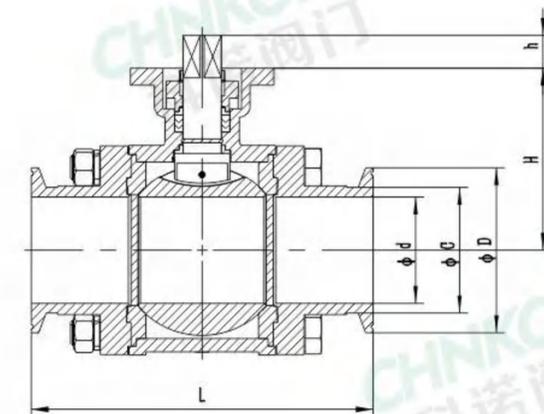
检验试验: GB/T-26480

连接标准: IOS DIN IDF SMS 3A等

Design and manufacture: GB/T-12237

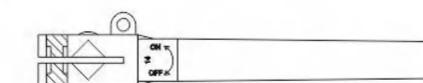
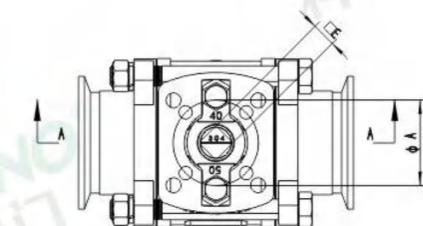
Inspection test: GB/T-26480

Connection standard: IOS DIN IDF SMS 3A, etc.

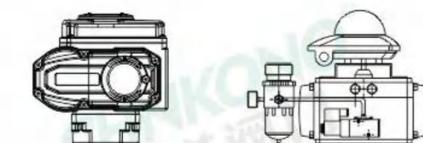


### 零件表及材质 Part&Material

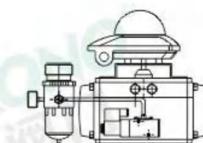
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	防静电珠 ANTISTATIC BEAD	304 316
9	压盖 PRESSURE CAP	304 316
10	填料压圈 GASKET RING	304 316
11	螺栓 BOLT	304 316
12	螺母 NUT	304 316
13	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

### 主要外形尺寸表 Main external dimensions table

规格	d	C	D	L	H	h	E	A
DN15	15	19	50.5	97	49.5	9	9*9	F04-F05
DN20	20	25	50.5	109	52	9	9*9	F04-F05
DN25	25	32	50.5	113	61	11	11*11	F04-F05
DN32	32	38	50.5	126	66	11	11*11	F04-F05
DN40	40	42/45	50.5/64	144	76.2	14	14*14	F05-F07
DN50	50	51/57	64/77.5	159	85.5	14	14*14	F05-F07
DN65	65	76	91	180	107	17	17*17	F07-F10
DN80	76	89	106	202	115.5	17	17*17	F07-F10
DN100	100	108	119	248	138	19	19*19	F07-F10

## 1000WOG HIGH PLATFORM 3PC EXTENDED WELDED BALL VALVE -PN64

1000WOG高平台三片式加长焊接球阀-PN64

## 1000WOG HIGH PLATFORM 3PC EXTENDED WELDED BALL VALVE -PN64

1000WOG高平台三片式加长焊接球阀-PN64

### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34

检验试验: GB/T-26480/API598

结构长度: DIN 3202-M3

连接标准: ASME B16.25 DIN3239Part 1

ASME B16.11 DIN3239Part 2

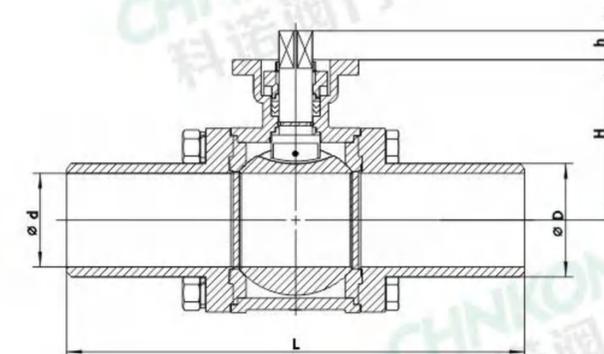
Design and manufacture: GB/T-12237/ASME B16.34

Inspection test: GB/T-26480/API598

Structural length: DIN 3202-M3

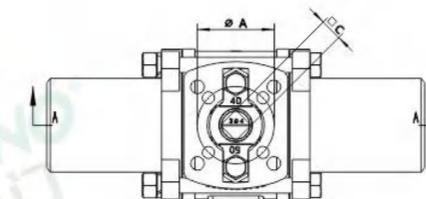
Connection standard: ASME B16.25 DIN3239Part 1

ASME B16.11 DIN3239Part 2



### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	防静电珠 ANTISTATIC BEAD	304 316
9	压盖 PRESSURE CAP	304 316
10	填料压圈 GASKET RING	304 316
11	螺栓 BOLT	304 316
12	螺母 NUT	304 316
13	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories

气动执行器附件  
Pneumatic actuator accessories

### 主要外形尺寸表 Main external dimensions table

规格	d	L	D	H	h	C	A
DN15	15	150	22.2	49.5	9	9*9	F04-F05
DN20	20	155	29	52	9	9*9	F04-F05
DN25	25	186	35	61	11	11*11	F04-F05
DN32	32	195	43.1	66	11	11*11	F04-F05
DN40	40	231	49.5	76.2	14	14*14	F05-F07
DN50	50	243	63	85.5	14	14*14	F05-F07
DN65	65	290	77.8	107	17	17*17	F07-F10
DN80	76	302	91.7	115.5	17	17*17	F07-F10
DN100	100	326	117.7	138	19	19*19	F07-F10

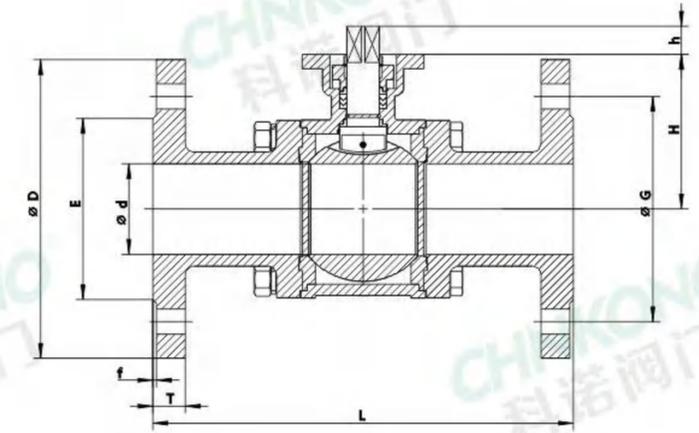
## 1000WOG HIGH PLATFORM 3PC FLANGE BALL VALVE -PN64

1000WOG高平台三片式法兰球阀-PN64



## 1000WOG HIGH PLATFORM 3PC FLANGE BALL VALVE -PN64

1000WOG高平台三片式法兰球阀-PN64

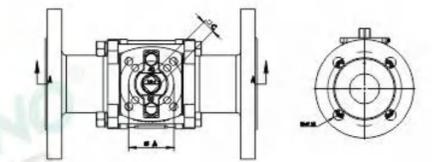


### 设计标准 Design standards

设计制造: BS5351  
结构长度: NFE29-305(DIN 3202F1)  
法兰标准: HG/T-20592  
检验试验: API598  
壁厚标准: GB/T-26640  
Design and manufacture: BS5351  
Structural length: NFE29-305 (DIN 3202F1)  
Flange standard: HG/T-20592  
Inspection test: API598  
Wall thickness standard: GB/T-26640

### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	防静电珠 ANTISTATIC BEAD	304 316
9	压盖 PRESSURE CAP	304 316
10	填料压圈 GASKET RING	304 316
11	螺栓 BOLT	304 316
12	螺母 NUT	304 316
13	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories

气动执行器附件  
Pneumatic actuator accessories

### 主要外形尺寸表 Main external dimensions table

规格	d	E	D	G	L	H	T	f	N-M	h	C	A
DN15	15	45	95	65	130	49.5	16	2	4-14	9	9*9	F04-F05
DN20	20	58	105	75	150	52	18	2	4-14	9	9*9	F04-F05
DN25	25	67	115	85	160	61	18	2	4-14	11	11*11	F04-F05
DN32	32	77	135	100	180	66	18	2	4-18	11	11*11	F04-F05
DN40	40	86	150	110	200	76.2	18	2	4-18	14	14*14	F05-F07
DN50	50	103	165	125	230	85.5	18	2	4-18	14	14*14	F05-F07
DN65	65	122	180	145	290	107	20	2	4-18	17	17*17	F07-F10
DN80	76	138	200	160	310	115.5	20	2	8-18	17	17*17	F07-F10
DN100	100	162	235	190	350	138	24	2	8-18	19	19*19	F07-F10

## 2000WOG HIGH PLATFORM 3PC INTERNAL THREAD BALL VALVE -PN120

2000WOG高平台三片式内螺纹球阀-PN120



## 2000WOG HIGH PLATFORM 3PC INTERNAL THREAD BALL VALVE -PN120

2000WOG高平台三片式内螺纹球阀-PN120

### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34

检验试验: GB/T-26480/API598

结构长度: DIN 3202-M3

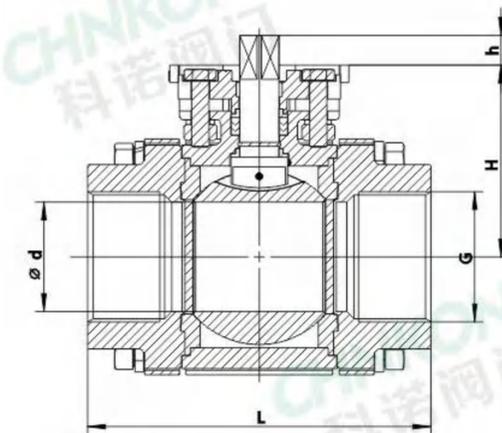
连接标准: ASME B12.02 DIN 2999&BS21 ISO 228/1&ISO 7/1

Design and manufacture: GB/T-12237/ASME B16.34

Inspection test: GB/T-26480/API598

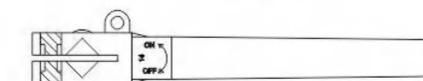
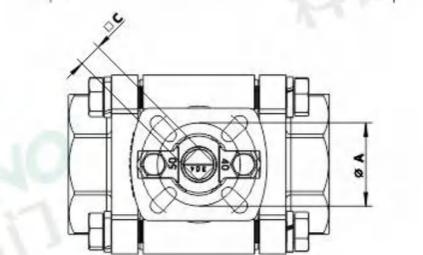
Structural length: DIN3202-M3

Connection standard: ASME B12.02 DIN2999&BS21 ISO228/1&ISO7/1

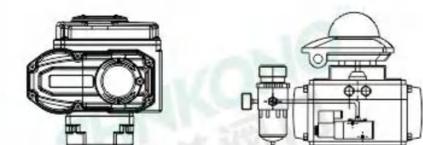


### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	防静电珠 ANTISTATIC BEAD	304 316
9	压盖 PRESSURE CAP	304 316
10	填料压圈 GASKET RING	304 316
11	螺栓 BOLT	304 316
12	螺母 NUT	304 316
13	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories

气动执行器附件  
Pneumatic actuator accessories

### 主要外形尺寸表 Main external dimensions table

规格	d	L	G	H	h	C	A
DN15	15	81	1/2"	50	9	9*9	F04-F05
DN20	20	90	3/4"	54	9	9*9	F04-F05
DN25	25	97	1"	62.5	11	11*11	F04-F05
DN32	32	112	1 1/4"	67.5	11	11*11	F04-F05
DN40	40	123	1-1/2"	80	14	14*14	F05-F07
DN50	50	145	2"	87	14	14*14	F05-F07

## 2000WOG HIGH PLATFORM 3PC SOCKET WELDED BALL VALVE -PN120

### 2000WOG高平台三片式承插式焊接球阀-PN120

#### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34

检验试验: GB/T-26480/API 598

结构长度: DIN 3202-M3

连接标准: ASME B16.25 DIN3239Part 1

ASME B16.11 DIN3239Part 2

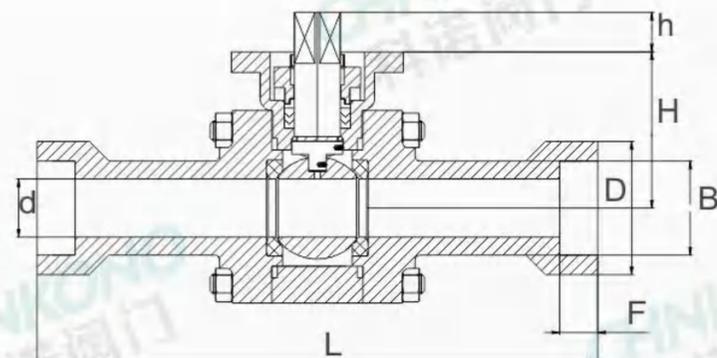
Design and manufacture: GB/T-12237/ASME B16.34

Inspection test: GB/T-26480/API 598

Structural length: DIN 3202-M3

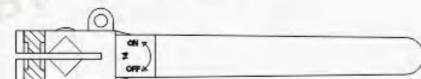
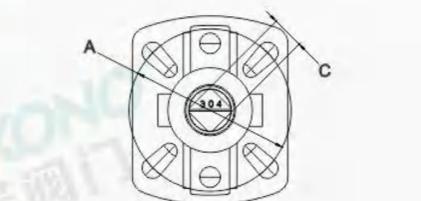
Connection standard: ASME B16.25 DIN3239Part 1

ASME B16.11 DIN3239Part 2

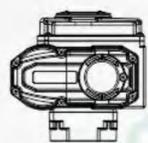


#### 零件表及材质 Part&Material

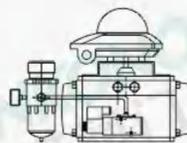
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	防静电珠 ANTISTATIC BEAD	304 316
9	压盖 PRESSURE CAP	304 316
10	填料压圈 GASKET RING	304 316
11	螺栓 BOLT	304 316
12	螺母 NUT	304 316
13	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

#### 主要外形尺寸表 Main external dimensions table

规格	d	d1	D	B	L	F	H	h	C	A
DN16	15	21.8	33.4	22.2	200	9.5	50	9	9*9	F04-F05
DN20	20	27.2	38.1	29	210	12.5	54	9	9*9	F04-F05
DN25	25	33.9	46.1	35	220	12.5	62.5	11	11*11	F04-F05
DN32	32	42.7	55.6	43.1	230	12.5	67.5	11	11*11	F04-F05
DN40	40	48.8	63.5	49.5	260	12.5	80	14	14*14	F05-F07
DN50	50	61.2	76.2	63	280	16	87	14	14*14	F05-F07

## 2000WOG HIGH PLATFORM 3PC EXTENDED WELDED BALL VALVE -PN120

### 2000WOG高平台三片式加长焊接球阀-PN120

#### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34

检验试验: GB/T-26480/API 598

结构长度: DIN 3202-M3

连接标准: ASME B16.25 DIN3239Part 1

ASME B16.11 DIN3239Part 2

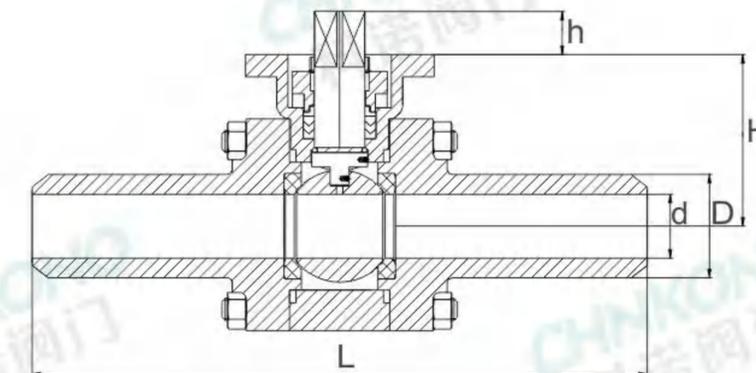
Design and manufacture: GB/T-12237/ASME B16.34

Inspection test: GB/T-26480/API 598

Structural length: DIN 3202-M3

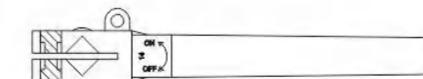
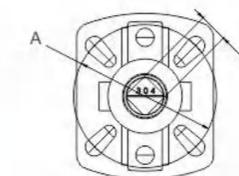
Connection standard: ASME B16.25 DIN3239Part 1

ASME B16.11 DIN3239Part 2

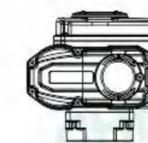


#### 零件表及材质 Part&Material

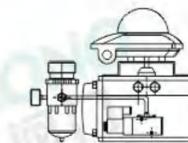
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF3M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF3M WCB 2205 2507
3	球体 SPHERE	304 316L 2205 2507
4	阀杆 VALVE STEM	304 316L 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	防静电珠 ANTISTATIC BEAD	304 316
9	压盖 PRESSURE CAP	304 316
10	填料压圈 GASKET RING	304 316
11	螺栓 BOLT	304 316
12	螺母 NUT	304 316
13	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

#### 主要外形尺寸表 Main external dimensions table

规格	d	D	L	H	h	C	A
DN15	15	22.2	200	50	9	9*9	F04-F05
DN20	20	29	210	54	9	9*9	F04-F05
DN25	25	35	220	62.5	11	11*11	F04-F05
DN32	32	43.1	230	67.5	11	11*11	F04-F05
DN40	40	49.5	260	80	14	14*14	F05-F07
DN50	50	63	280	87	14	14*14	F05-F07

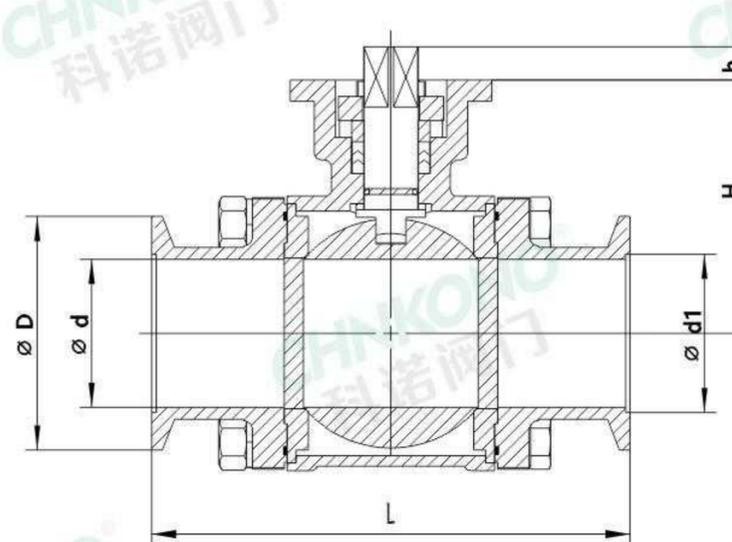
## HIGH-PLATFORM 3PC KF VACUUM BALL VALVE

高平台三片式KF真空球阀



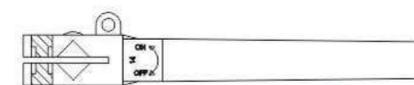
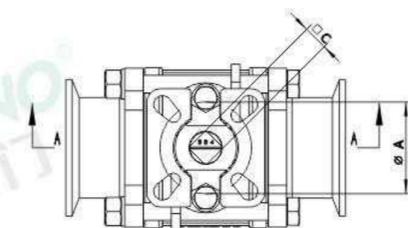
## HIGH-PLATFORM 3PC KF VACUUM BALL VALVE

高平台三片式KF真空球阀

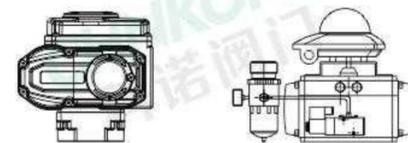


零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories

气动执行器附件  
Pneumatic actuator accessories

主要外形尺寸表 Main external dimensions table

规格	d	D	L	d1	H	h	C	A
KF16	15	30	100	17.2	48	9	9*9	F04-F05
KF25	25	40	114	26.2	56	9	9*9	F04-F05
KF40	38	55	165	41.2	75	11	11*11	F04-F05
KF50	49	75	175	52.2	83	11	11*11	F04-F05

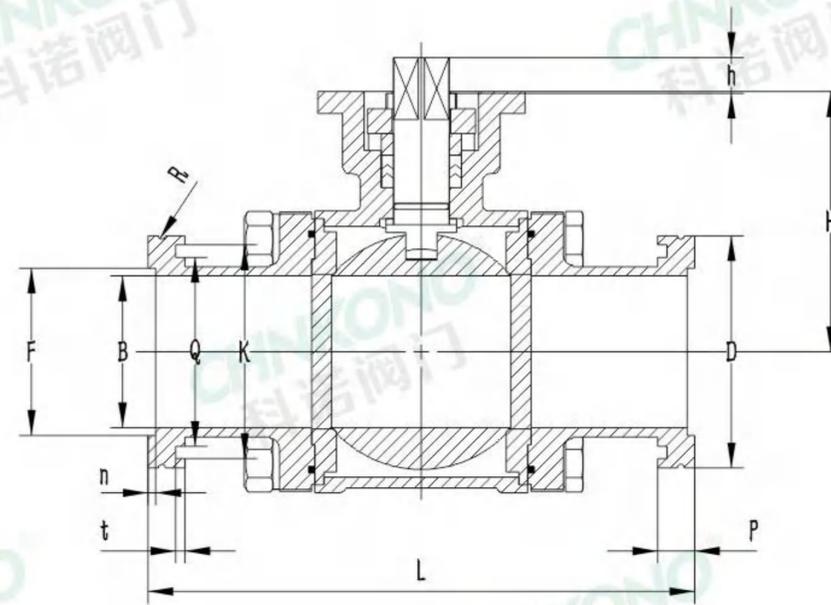
## HIGH-PLATFORM 3PC ISO VACUUM BALL VALVE

### 高平台三片式ISO真空球阀



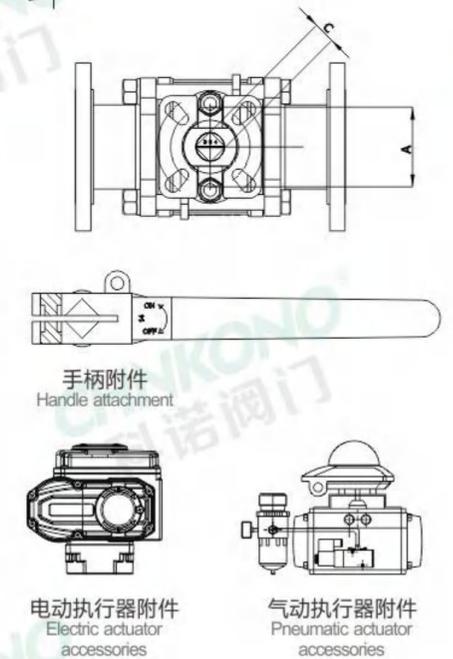
## HIGH-PLATFORM 3PC ISO VACUUM BALL VALVE

### 高平台三片式ISO真空球阀



零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



主要外形尺寸表 Main external dimensions table

规格	B	D	L	P	F	R	Q	K	n	t	H	h	C	A
ISO63	65	95	186	12	70	1.5	80	90	2.5	2	98	17	17*17	F07-F10
ISO80	76	110	198	12	83	1.5	95	105	2.5	2	109	17	17*17	F07-F10
ISO100	100	130	220	12	102	1.5	115	125	2.5	2	112	19	19*19	F07-F10

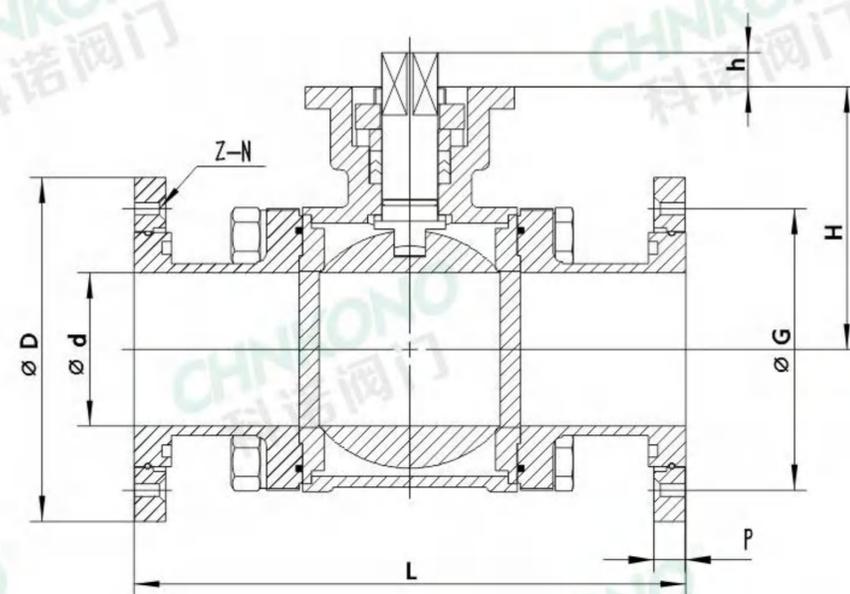
## HIGH-PLATFORM 3PC GU LOOSE FLANGE VACUUM BALL VALVE

高平台三片式GU活套法兰真空球阀



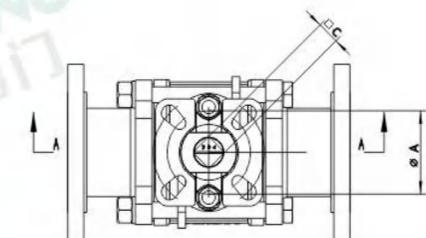
## HIGH-PLATFORM 3PC GU LOOSE FLANGE VACUUM BALL VALVE

高平台三片式GU活套法兰真空球阀

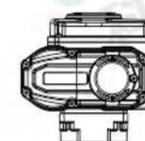


零件表及材质 Part&Material

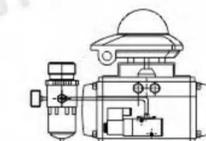
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

主要外形尺寸表 Main external dimensions table

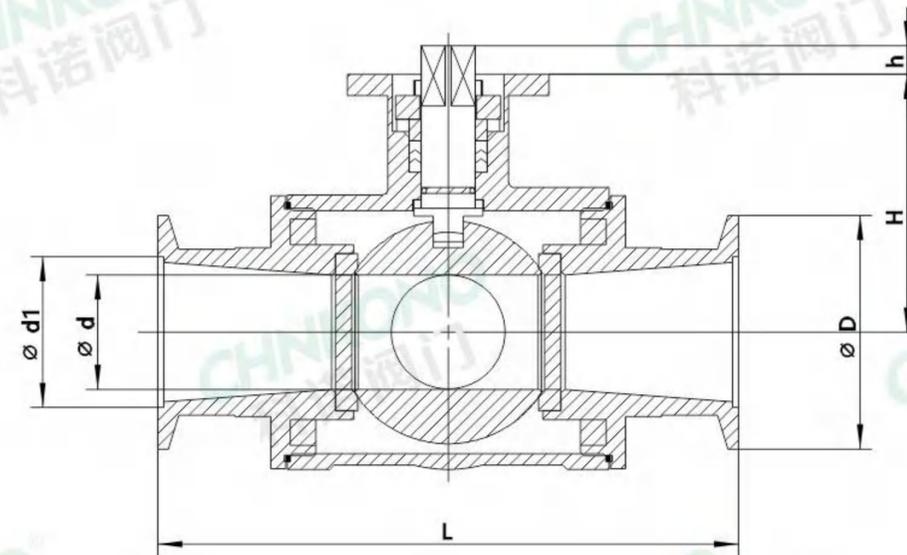
规格	d	D	L	P	G	Z-N	H	h	C	A
GU-63	65	130	186	12	110	8*4	98	17	17*17	F07-F10
GU-80	76	145	198	12	125	8*8	109	17	17*17	F07-F10
GU-100	100	165	220	12	145	8*8	112	19	19*19	F07-F10

## HIGH-PLATFORM THREE-WAY KF VACUUM BALL VALVE

高平台三通KF真空球阀

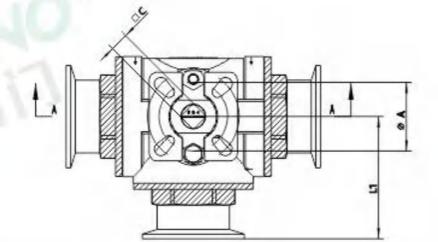
## HIGH-PLATFORM THREE-WAY KF VACUUM BALL VALVE

高平台三通KF真空球阀

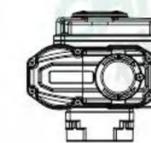


零件表及材质 Part&Material

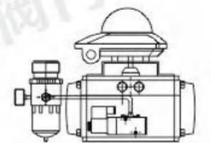
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



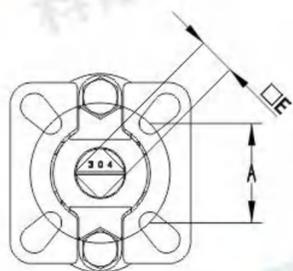
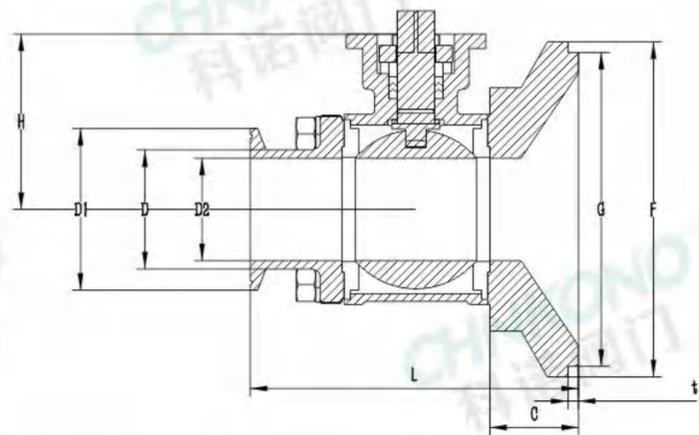
气动执行器附件  
Pneumatic actuator accessories

主要外形尺寸表 Main external dimensions table

规格	d	d1	D	L	L1	H	h	C	A
KF16	12	17.2	30	105	52.25	47.5	9	9*9	F04-F05
KF25	15	26.2	40	117	58.5	54	9	9*9	F04-F05
KF40	18	41.2	55	170	85	79	11	11*11	F04-F05
KF50	25	53.2	75	190	95	86.3	11	11*11	F04-F05

## HIGH-PLATFORM 3PC TANK BOTTOM VALVE

高平台三片式罐底阀

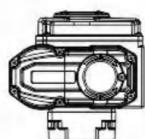


零件表及材质 Part&Material

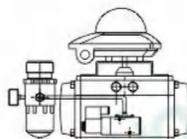
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



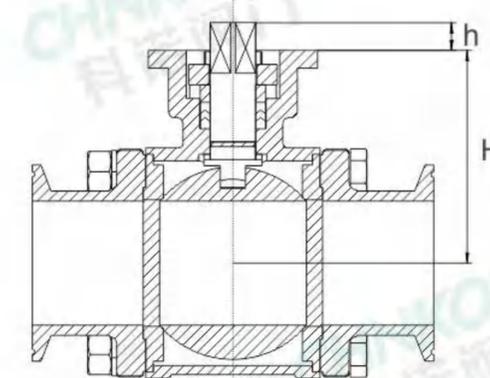
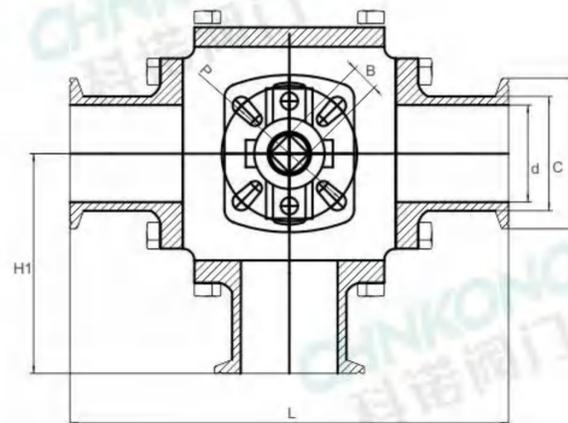
气动执行器附件  
Pneumatic actuator accessories

主要外形尺寸表 Main external dimensions table

规格	D1	D2	D	L	C	F	H	A	E	G	t
DN15	50.5	15	19	86	24	90	48	F04-F05	9*9	86	2
DN20	50.5	20	25	95	24	95	55	F04-F05	9*9	91	2
DN25	50.5	25	32	99	24	115	56	F04-F05	11*11	111	2
DN32	50.5	32	38	109	24	125	62	F04-F05	11*11	121	2
DN40	50.5	38	42	125	26	140	75	F05-F07	14*14	136	2
DN40	64	38	45	125	26	140	75	F05-F07	14*14	136	2
DN50	64	49	51	140	28	150	83	F05-F07	14*14	146	2
DN50	77.5	49	57	140	28	150	83	F05-F07	14*14	146	2
DN65	91	65	76	162	30	200	98	F07-F10	17*17	196	2
DN80	106	80	89	182	32	225	109	F07-F10	17*17	221	2
DN100	119	100	108	217	32	250	112	F07-F10	19*19	246	2

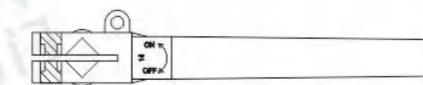
## HIGH-PLATFORM THREE-WAY QUICK-INSTALLATION BALL VALVE (SQUARE)

高平台三通快装球阀 (四方体)

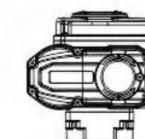


零件表及材质 Part&Material

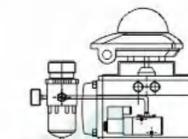
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

主要外形尺寸表 Main external dimensions table

规格	d	C	D	L	H	H1	h	B	P
DN15	15	12.7	25.2	110	60	73.3	9	9 * 9	F04-F05
DN20	20	19	25.2	110	68	77.9	9	9 * 9	F04-F05
DN25	25	25.4	50.5	130	72	84.4	11	11 * 11	F04-F05
DN32	32	31.8	50.5	130	88	99	11	11 * 11	F04-F05
DN40	40	38.1	50.5	175	100	110.7	14	14 * 14	F05-F07
DN50	50	50.8	64	220	110	122.3	14	14 * 14	F05-F07
DN65	65	63.5	77.5	240	130	135	17	17 * 17	F07-F10
DN80	76	76.2	91	290	135	145.1	17	17 * 17	F07-F10
DN100	100	101.6	119	330	155	164	19	19 * 19	F07-F10

## HIGH-PLATFORM 3PC INTERNAL THREAD BALL VALVE -PN16

高平台三片式内螺纹球阀-PN16

### 设计标准 Design standards

设计制造: GB/T-12237/ASME B16.34

检验试验: GB/T-26480/API598

结构长度: DIN 3202-M3

连接标准: ASME B12.02 DIN2999&BS21 ISO228/1&ISO7/1

Design and manufacture: GB/T-12237/ASME B16.34

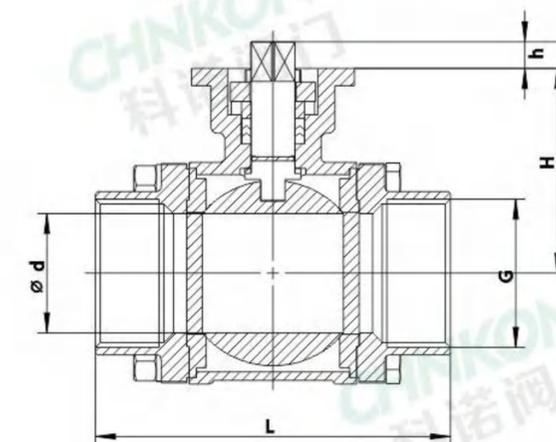
Inspection test: GB/T-26480/API598

Structural length: DIN 3202-M3

Connection standard: ASME B12.02 DIN2999&BS21 ISO228/1&ISO7/1

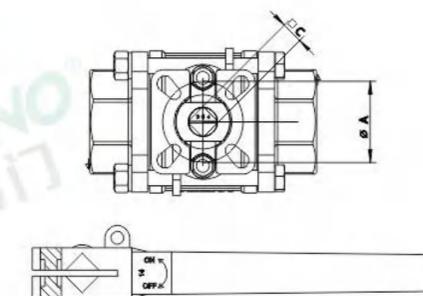
## HIGH-PLATFORM 3PC INTERNAL THREAD BALL VALVE -PN16

高平台三片式内螺纹球阀-PN16



### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体SPHERE	304 316 2205 2507
4	阀杆VALVE STEM	304 316 2205 2507
5	阀座VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖PRESSURE CAP	304 316
9	填料压圈GASKET RING	304 316
10	螺栓BOLT	304 316
11	螺母NUT	304 316
12	O型圈O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories

气动执行器附件  
Pneumatic actuator accessories

### 主要外形尺寸表 Main external dimensions table

规格	D	G	L	H	h	C	A
DN15	15	1/2"	69.5	48	9	9*9	F04-F05
DN20	20	3/4"	81.5	55	9	9*9	F04-F05
DN25	25	1"	87	56	11	11*11	F04-F05
DN32	32	1-1/4"	98.5	62	11	11*11	F04-F05
DN40	40	1-1/2"	111	75	14	14*14	F05-F07
DN50	50	2"	134.5	83	14	14*14	F05-F07
DN65	65	2-1/2"	164	98	17	17*17	F07-F10
DN80	76	3"	191	109	17	17*17	F07-F10
DN100	100	4"	248	112	19	19*19	F07-F10

## HIGH-PLATFORM 3PC QUICK-INSTALLATION BALL VALVE -PN16

高平台三片式快装球阀-PN16

### 设计标准

设计制造: GB/T-12237  
检验试验: GB/T-26480  
执行标准: IOS DIN IDF SMS 3A等

### Design standards

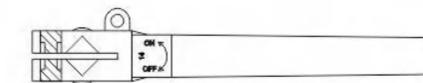
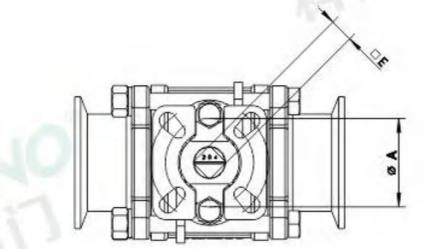
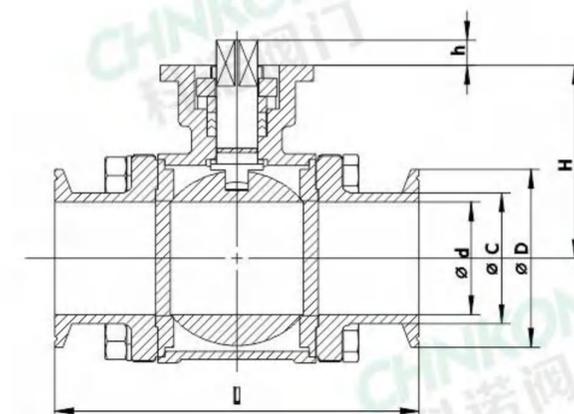
Design and manufacture: GB/T-12237  
Inspection test: GB/T-26480  
Executive standards: IOS DIN IDF SMS 3A, etc.

## HIGH-PLATFORM 3PC QUICK-INSTALLATION BALL VALVE -PN16

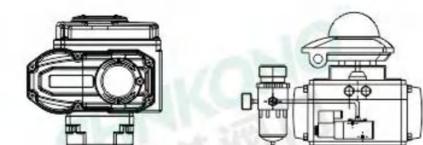
高平台三片式快装球阀-PN16

### 零件表及材质 Part&Material

NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories

气动执行器附件  
Pneumatic actuator accessories

### 主要外形尺寸表 Main external dimensions table

规格	d	D	H	L	C	h	A	E
DN15	15	50.5	48	97	19	9	F04-F05	9 * 9
DN20	20	50.5	55	109	25	9	F04-F05	9 * 9
DN25	25	50.5	56	123	32	11	F04-F05	11 * 11
DN32	32	50.5	62	125.5	38	11	F04-F05	11 * 11
DN40	40	50.5/64	75	144	45	14	F05-F07	14 * 14
DN50	50	64/77.5	83	159/157	57	14	F05-F07	14 * 14
DN65	65	91	98	180	76	17	F07-F10	17 * 17
DN80	76	106	109	202	89	17	F07-F10	17 * 17
DN100	100	119	112	248	108	19	F07-F10	19 * 19

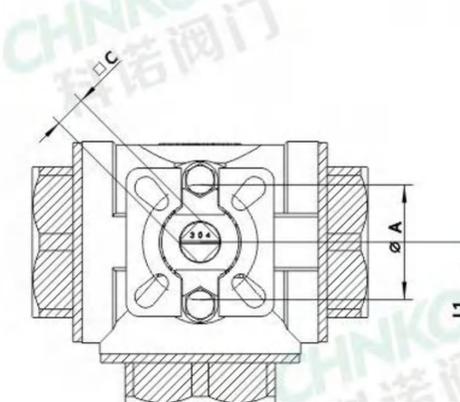
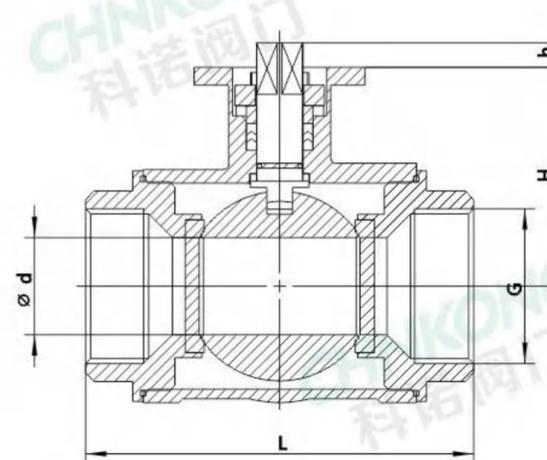
## HIGH-PLATFORM THREE-WAY INTERNAL THREAD BALL VALVE -PN16

高平台三通内螺纹球阀-PN16



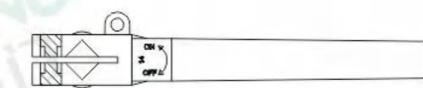
## HIGH-PLATFORM THREE-WAY INTERNAL THREAD BALL VALVE -PN16

高平台三通内螺纹球阀-PN16

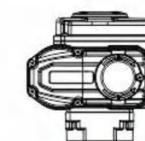


零件表及材质 Part&Material

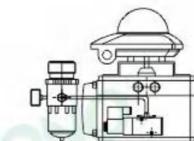
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

主要外形尺寸表 Main external dimensions table

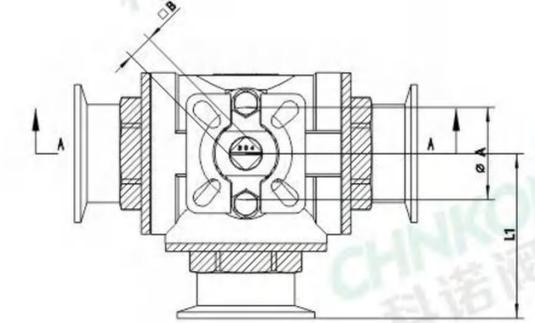
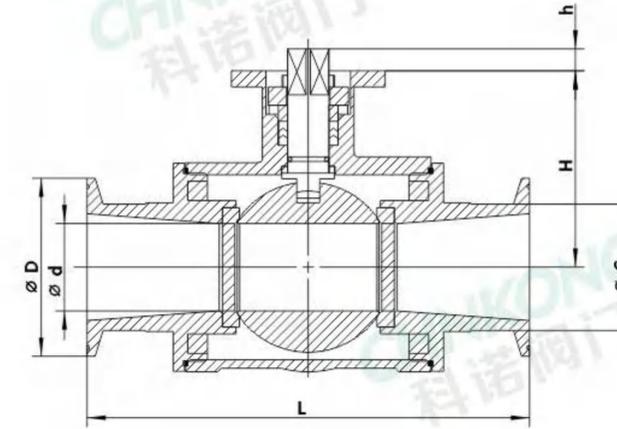
规格	d	G	L	L1	H	h	C	A
DN15	12	1/2"	70	35	47.5	9	9*9	F04-F05
DN20	15	3/4"	84.5	42.25	50.5	9	9*9	F04-F05
DN25	18	1"	90	45	54	11	11*11	F04-F05
DN32	25	1-1/4"	122.4	61.25	65	11	11*11	F04-F05
DN40	32	1-1/2"	140	70	79	14	14*14	F05-F07
DN50	38	2"	153	76.5	86.3	14	14*14	F05-F07

## HIGH-PLATFORM THREE-WAY QUICK-INSTALLATION BALL VALVE -PN16

高平台三通快装球阀-PN16

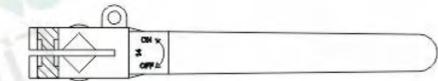
## HIGH-PLATFORM THREE-WAY QUICK-INSTALLATION BALL VALVE -PN16

高平台三通快装球阀-PN16

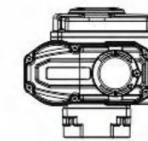


零件表及材质 Part&Material

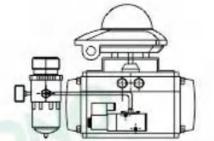
NO.	零件 Part	材质 Material
1	阀体 VALVE BODY	CF8 CF8M WCB 2205 2507
2	阀盖 VALVE COVER	CF8 CF8M WCB 2205 2507
3	球体 SPHERE	304 316 2205 2507
4	阀杆 VALVE STEM	304 316 2205 2507
5	阀座 VALVE SEAT	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
6	填料 FILLER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
7	止推垫 THRUST WASHER	PTFE M111 TFM1600 TFM4215 PEEK PCTFE
8	压盖 PRESSURE CAP	304 316
9	填料压圈 GASKET RING	304 316
10	螺栓 BOLT	304 316
11	螺母 NUT	304 316
12	O型圈 O-RING	氟橡胶 FKM



手柄附件  
Handle attachment



电动执行器附件  
Electric actuator accessories



气动执行器附件  
Pneumatic actuator accessories

主要外形尺寸表 Main external dimensions table

规格	d	D	C	L	L1	H	h	B	A
DN15	12	50.5	19	104.4	52.2	47.5	9	9*9	F04-F05
DN20	15	50.5	25	114	57	50.5	9	9*9	F04-F05
DN25	18	50.5	32	116	58	54	11	11*11	F04-F05
DN32	25	50.5	38	145	72.5	65	11	11*11	F04-F05
DN40	32	50.5/64	45	170	85	79	14	14*14	F05-F07
DN50	38	64/77.5	57	190	95	86.3	14	14*14	F05-F07

## VALVE REFERENCE DATA

### 阀门参考数据

球阀不同压力等级试压标准规范 Standard Specification for Pressure Test for Different Pressure Levels of Ball Valves

执行标准 Execution standards API 598

压力等级 Pressure level	壳体试压 Test pressure of the shell	密封试压 Sealed test pressure	气密封试压 Airtight sealing pressure test
150LB	3.0MPa	2.2MPa	0.6MPa
300LB	7.5MPa	5.5MPa	0.6MPa
400LB	10.2MPa	7.5MPa	0.6MPa
600LB	15.0MPa	11.0MPa	0.6MPa
900LB	22.5MPa	16.5MPa	0.6MPa
1500LB	37.5MPa	27.5MPa	0.6MPa
2500LB	63.0MPa	46.2MPa	0.6MPa

执行标准 Execution standards JB/T 9092

压力等级 Pressure level	壳体试压 Test pressure of the shell	密封试压 Sealed test pressure	气密封试压 Airtight sealing pressure test
1.0 MPa	1.5MPa	1.1MPa	0.6MPa
1.6 MPa	2.4MPa	1.8 MPa	0.6MPa
2.5 MPa	3.8MPa	2.8mPa	0.6MPa
4.0MPa	6.0MPa	4.4 MPa	0.6MPa
6.4 MPa	9.6MPa	7.1MPa	0.6MPa
10.0MPa	15.0MPa	11.0 MPa	0.6MPa
16.0 MPa	24.0MPa	17.6 MPa	0.6MPa
20.0mPa	30.0MPa	22.0MPa	0.6MPa
25.0 MPa	37.5MPa	27.5 MPa	0.6MPa
32.0 MPa	48.0MPa	35.2MPa	0.6MPa

## VALVE REFERENCE DATA

### 阀门参考数据

压力试验持续时间(秒) Duration of pressure test (seconds)

DN	NPS	壳体1.5倍水压 Shell 1.5 times water pressure		1.1倍水压 1.1 times the water pressure		0.6MPa 气压Pressure	
		API 598	JB/T9092	API 598	JB/T9092	API 598	JB/T9092
DN15	1/2 in	15	15	15	15	15	15
DN20	3/4 in	15	15	15	15	15	15
DN25	1 in	15	15	15	15	15	15
DN32	1-1/4 in	15	15	15	15	15	15
DN40	1-1/2 in	15	15	15	15	15	15
DN50	2 in	15	15	15	15	15	15
DN65	2-1/2 in	60	60	60	60	60	60
DN80	3 in	60	60	60	60	60	60
DN100	4 in	60	60	60	60	60	60
DN125	5 in	60	60	60	60	60	60
DN150	6 in	60	60	60	60	60	60
DN200	8 in	120	120	120	120	120	120
DN250	10 in	120	120	120	120	120	120
DN300	12 in	120	120	120	120	120	120
DN350	14 in	300	120	120	120	120	120
DN400	16 in	300	120	120	120	120	120
DN450	18 in	300	120	120	120	120	120
DN500	20 in	300	120	120	120	120	120
DN600	24 in	300	120	120	120	120	120
DN700	28 in	300	120	120	120	120	120
DN800	32 in	300	120	120	120	120	120
DN900	36 in	300	120	120	120	120	120
DN1000	40 in	300	120	120	120	120	120
DN1200	48 in	300	120	120	120	120	120

## VALVE REFERENCE DATA

### 阀门参考数据

#### 软密封浮动球阀的试压标准 Pressure testing standards for soft sealed floating ball valves

- 壳体试验:**  
将阀门微开, 阀腔内应充满液体介质并加压到试验压力。加压为公称压力的1.5倍, 检查阀体不允许有可见泄露。
- Shell test:**  
The valve is slightly opened, and the cavity should be filled with liquid media and pressurized to the test pressure. The pressure is 1.5 times the nominal pressure, and no visible leakage is allowed in the inspection valve body.

- 高压密封试验:**  
在壳体试验强度试验之后将压力降到公称压力的1.1倍, 将球体关闭, 敞开阀门的一端, 进口保压查看出口端不允许有泄露, 同样的方法对另一端进行相同的试验
- High-pressure sealing test:**  
After the shell test strength test, reduce the pressure to 1.1 times the nominal pressure, close the sphere, open one end of the valve, and check the outlet end of the import to maintain pressure. The same method is to carry out the same test on the other end.

- 低压密封试验:**  
将阀门球体半开气体压力为0.6MPa, 然后关闭球体当面保压, 检查出口端不允许有泄露。用同样的方法对另一端进行相同的试验
- Low-pressure sealing test:**  
half-open the gas pressure of the valve sphere to 0.6MPa, then close the sphere to maintain the pressure, and check that the outlet end is not allowed to leak. Use the same method to conduct the same test on the other end.

#### 软密封固定球阀的试压标准 Pressure testing standards for soft sealed fixed ball valves

- 壳体试验:**  
将阀门微开, 阀腔内应充满液体介质并加压到试验压力。加压为公称压力的1.5倍, 检查阀体不允许有可见泄露。
- Shell test:**  
The valve should be slightly opened, and the valve cavity should be filled with liquid media and pressurized to the test pressure. The pressure is 1.5 times the nominal pressure, and no visible leakage is allowed in the inspection valve body.

- 密封试验:**  
把腔体余压排完, 把球关好, 做液体进口密封检验。高压密封试压加压1.1倍。低压密封气体试压0.6MPa, 从中腔排放阀处引橡胶管至液面下, 不允许有可见泄露, 另一端也做同样方法试验。
- Sealing test:**  
After draining the residual pressure of the cavity, close the ball, and do the sealing inspection of the liquid inlet. High pressure seal test pressurization 1.1 times. The low-pressure sealed gas test pressure of 0.6MPa, and the rubber tube is drawn from the middle cavity discharge valve to the liquid surface. No visible leakage is allowed. The same method is tested at the other end.

- 双阻断密封试验:**  
打开中腔排放阀, 高压密封从两端同时加压1.1倍、低压密封气体加压0.6MPa, 从中腔排放阀处引橡胶管至液面下检查不允许有可见泄露。
- Double-blocking sealing test:**  
open the middle cavity discharge valve, pressurized the high-pressure seal from both ends at the same time by 1.1 times, and the low-pressure sealing gas pressurized by 0.6MPa, and the rubber tube from the middle cavity discharge valve to the liquid level for inspection. No visible leakage is allowed.

## VALVE REFERENCE DATA

### 阀门参考数据

#### 金属密封阀门试验的最大允许泄露率 Maximum allowable leakage rate for metal sealed valve testing

DN	NPS	所有弹性密封阀门 All elastic sealed valves	除止回阀外的所有金属密封阀门 All metal sealed valves except for check valves		金属密封止回阀 Metal sealed check valve		
			液体试验a(滴/分) Liquid test a (drops/minute)	气体试验(气泡/分) Gas test (bubbles/min)	液体试验(cc/min) Liquid test (cc/min)	气体试验(m <sup>3</sup> /h) Gas test (m <sup>3</sup> /h)	气体试验(ft <sup>3</sup> /h) Gas test (ft <sup>3</sup> /h)
≤DN50	≤2 IN	0	0	0	6	0.08	3
DN65	2-1/2 IN	0	5	10	7.5	0.11	3.75
DN80	3 IN	0	6	12	9	0.13	4.5
DN100	4 IN	0	8	16	12	0.17	6
DN125	5 IN	0	10	20	15	0.21	7.5
DN150	6 IN	0	12	24	18	0.25	9
DN200	8 IN	0	16	32	24	0.34	12
DN250	10 IN	0	20	40	30	0.42	15
DN300	12 IN	0	24	48	36	0.50	18
DN350	14 IN	0	28	56	42	0.59	21
DN400	16 IN	0	32	64	48	0.67	24
DN450	18 IN	0	36	72	54	0.76	27
DN500	20 IN	0	40	80	60	0.84	30
DN600	24 IN	0	48	96	72	1.01	36
DN650	26 IN	0	52	104	78	1.09	39
DN700	28 IN	0	56	112	84	1.18	42
DN750	30 IN	0	60	120	90	1.26	45
DN800	32 IN	0	64	128	96	1.34	48
DN900	36 IN	0	72	144	108	1.51	54
DN1000	40 IN	0	80	160	120	1.68	60
DN1050	42 IN	0	84	168	126	1.76	63
DN1200	48 IN	0	96	192	144	2.02	72

注: a 对于液体试验, 1ml (cm<sup>3</sup>) 相当于16滴。b 在规定的最短试验持续时间内无泄漏。对于液体试验, "0" 滴表示在每个规定的最短试验持续时间内无可见泄露。对于气体试验, "0" 气泡表示在每个规定的最短试验持续时间内泄露量小于一个气泡。  
Note: For liquid testing, 1ml (cm<sup>3</sup>) is equivalent to 16 drops. B has no leakage within the specified minimum test duration. For liquid testing, "0" drops indicate no visible leakage during each specified minimum test duration. For gas testing, "0" bubbles indicate a leakage of less than one bubble during each specified minimum test duration.

#### 试验持续时间 Test duration

阀门规格 Valve specifications		最短试验持续时间(S) <sup>a</sup> Minimum test duration (S) <sup>a</sup>			
DN	NPS	壳体 Housing	所有上密封阀门 All upper sealed valves	密封止回阀(API 594) Sealed check valve	其他阀门 Other valves
≤DN 50	≤2 IN	15	15	60	15
65-150	2-1/2-6 IN	60	60	60	60
200-300	8-12 IN	120	60	120	120
≥350	≥14 IN	300	60	120	120

注: a 试验持续时间是指阀门完全准备好压力升至定值后的检查时间。  
Note: The duration of the test refers to the inspection time after the valve is fully prepared and the pressure rises to the set value.

## VALVE REFERENCE DATA

### 阀门参考数据

喷焊重熔涂层参数及应用 Parameters and Applications of Spray Welding Remelting Coating

材料名称 Material Name	化学成分(wt%) Chemical composition	涂层硬度(HV0.3) Coating hardness	孔隙率 Porosity	结合强度 度(MPa) Intensity	特点 Feature	备注 Remark		
Ni65	NiCrBSiFeC	HRC63-67	重熔后的涂层致密无孔隙, 完全的冶金结合 The re-melted coating is dense and free of pores, with a complete metallurgical bond.	> 68	高结合强度, 耐腐蚀, 耐热冲击, 耐颗粒冲刷冲蚀, 最高使用温度650°C High bonding strength, corrosion resistance, heat shock resistance, particle erosion resistance, maximum operating temperature of 650 °C	根据Fe含量不同, 耐蚀性有一定区别; 通过工艺控制可以获得足够厚度的互溶层而获得更高的结合硬度 There are certain differences in corrosion resistance depending on the Fe content; By controlling the process, a sufficiently thick miscible layer can be obtained to achieve higher bonding hardness		
Ni60	NiCrBSiFeC	HRC62-67						
Ni55	NiCrBSiFeC	HRC52-57						
Ni50	NiCrBSiFeC	HRC48-53						
Ni45	NiCrBSiFeC	HRC42-47						
Ni-WC30	CrBSiFeCW	HRC63-67			高结合强度, 耐腐蚀, 耐热冲击, 耐颗粒冲刷冲蚀, 最高使用温度650°C High bonding strength, corrosion resistance, heat shock resistance, particle erosion resistance, maximum operating temperature of 500 °C		根据W含量的不同, 硬度有一定的区别; 具有优良耐腐蚀性和耐磨性 Depending on the content of W, there are certain differences in hardness; it also has excellent corrosion resistance and wear resistance.	
Ni-WC20	CrBSiFeCW	HRC60-65						
C060	CoCrBSiFeC	HRC58-63						
C050	CoCrBSiFeC	HRC48-52			高结合强度, 耐腐蚀, 耐热冲击, 高温硬度好, 耐气蚀, 最高使用温度750°C High bonding strength, corrosion resistance, heat shock resistance, good high-temperature hardness, gas corrosion resistance, maximum operating temperature of 750 °C			
C040	CoCrBSiFeC	HRC40-43						
WC-12C0	WC-12%CO	1150-1400	<1%	> 68	致密坚硬的涂层, 优良的耐磨损涂层, 最高使用温度450°C Dense and hard coating, excellent wear-resistant coating, maximum operating temperature of 450 °C			
WC-17C0	WC-17%CO	1000-1200	<1%	> 75	高结合强度及高韧性, 优良的耐微动及滑动磨损, 疲劳强度高于WC-12C0 High bonding strength and toughness, excellent resistance to micro motion and sliding wear, fatigue strength higher than WC-12C0			
WC-10Ni	WC-10%Ni	1050-1250	<1%	> 68	坚硬致密的涂层耐腐蚀性能比WC-12C0好 The hard and dense coating has better corrosion resistance than WC-12C0			
WC-10C0-4Cr	WC-10%CO-4%Cr	1150-1350	<1%	> 68	湿环境下耐腐蚀及磨损性能比WC-12C0好, 疲劳强度高于WC-12C0 The corrosion resistance and wear resistance in wet environments are better than WC-12C0, and the fatigue strength is higher than WC-12C0			
WC-CrC-7Ni	WC-23%CrC-7%Ni	950-1200	<1%	> 75	坚硬致密的光滑涂层, 耐气蚀、腐蚀性比WC-12C0, 最高使用温度650°C Hard and dense smooth coating, with better resistance to gas and corrosion than WC-12C0, and a maximum operating temperature of 650 °C			
Cr3C2-NiCr	75%Cr3C2-25%NiCr	850-1100	<2%	> 65	抗高温氧化、耐高温冲蚀、耐热气腐蚀、耐硫腐蚀、致密坚硬涂层; 最高使用温度815°C High temperature oxidation resistance, high temperature erosion resistance, hot gas corrosion resistance, sulfur corrosion resistance, dense and hard coating; Maximum operating temperature 815 °C			
Cr3C2-NiCr	80%Cr3C2-20%NiCr	900-1150	<3%	> 65	同上, 相对硬度高, 耐蚀性能好, 最高使用温度850°C Same as above, with high relative hardness, good corrosion resistance, and a maximum operating temperature of 850 °C			
T800合金	CoMoCrSi	700-950	≤0.5%	> 60	良好的高温性能、防腐蚀、抗氧化性和优良的耐微震、粘着和摩擦磨损的综合性能, 优良的抗金属间摩擦磨损性能; 最高使用温度780°C Excellent high-temperature performance, corrosion resistance, oxidation resistance, and comprehensive resistance to microseismicity, adhesion, and friction and wear, as well as excellent resistance to metal to metal friction and wear; Maximum operating temperature 780 °C			

镀涂层参数及应用 Plating coating parameters and applications

涂层种类 Coating types	涂层颜色 Coating color	涂层厚度(μm) Coating thickness	涂层硬度(HV) Coating hardness	最高使用温度°C Maximum operating temperature	摩擦系数 Coefficient of friction	特点 Feature
CRN	银白色	2-5	1800-2200	600	0.1-0.15	耐疲劳耐磨 Fatigue resistant and wear-resistant
DLC	黑色	1-5	2200-2400	400	0.05-0.1	减磨耐磨、无油润滑 Wear reducing and oil-free
Cr	银白色	20-30	400-1200	500	0.5	耐磨 lubricationwear-resistant