

A

卫生级球阀系列 Sanitary ball valve series

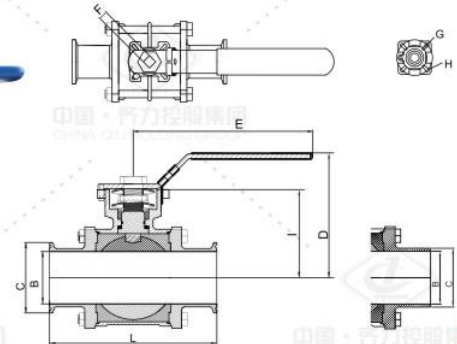
卫生级球阀系列
Sanitary ball valve series



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

卫生级三片式高平台全包无滞留球阀/3A焊接
Sanitary three-piece high platform encapsulate non-retention ball valve/3A welding

A



该阀为全包式阀座设计，解决了液体滞留阀腔的问题，该球阀主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

技术参数

规格: 1/2"-6"
材质: 304/CF8, 316L/CF3M
适用温度: -20°C-150°C
密封材质: PTFE
压力: 8-20bar
操作方式: 手动、气动、电动
无需拆卸管道，只要拆卸阀门可自行维修更换，操纵扭矩小
连接方式: 卡箍、焊接、螺纹、SMS、ISO、DIN、RJT、IDF、BPE
阀体内部处理: 内表面CNC加工、Ra0.6μm
认证: 3-A-68-00, PED/97/23/EC

The valve is designed with encapsulated seat, which solves the problem of liquid retaining. The ball valve is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

Technical parameter

Specification: 1/2"-6"
Material: 304/CF8, 316L/CF3M
Applicable temperature: -20 °C-150° C
Sealing material: PTFE
Pressure: 8-10bar
Mode of operation: manual, pneumatic, electric
No need of pipeline disassembling, only need to disassemble the valves, small torque
Connection method: clamp, welding, thread, SMS, ISO, DIN, RJT, IDF, BPE
Internal treatment of the valve body: CNC machining, Ra0.6μm
Certification: 3-A-68-00, PED/97/23/EC

1/2"-6" Encapsulated and ISO mounting pad
Flange connection size please refer to the standard ISO5.

SIZE	L±1	B±0.1	C±0.1		D±0.1	E±5	F±0.05	G	H	I±2	N-m
			夹紧 Clamp	焊接 Welding							
1/2"	90.5	9.4	25	12.7	64	131	9	F03	F04	37	4~10
3/4"	103.4	15.75	25	19.05	68	131	9	F03	F04	43	4~10
1"	114.2	22.1	50.5	25.4	86	169	11	F04	F05	51	5~15
1.5"	136.7	34.8	50.5	38.1	122.5	213	14	F05	F07	71	10~25
2"	153.2	47.5	64	50.8	122.5	213	14	F05	F07	79	15~30
2.5"	167.3	60.2	77.5	63.5	139.5	213	14	F05	F07	94	20~35
3"	192.3	72.9	91	76.2	165	320	17	F07	F10	109.5	40~65
4"	239.5	97.4	119	101.6	177	320	17	F07	F10	123	40~80
6"	378	146.8	167	152.4	205	490	27	F10	F12	169	60~120

A

卫生级三片式高平台直通(半包)球阀

Sanitary three-piece high platform two way (half-encapsulate) ball valves

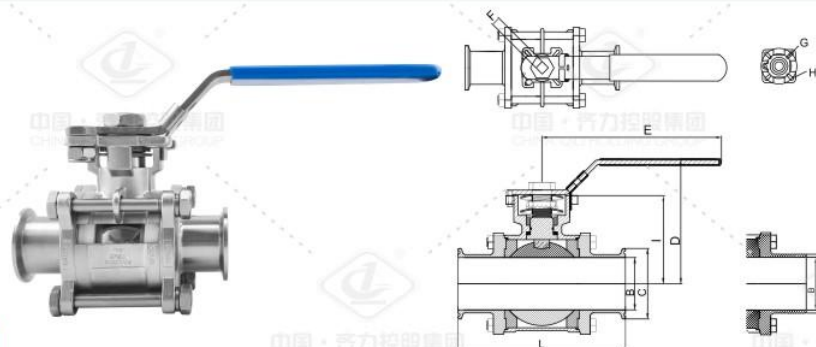


高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

气动三片式无滞留球阀

Pneumatic three-piece non-retention ball valve

A

A
卫生级球阀系列
Sanitary ball valves series

该阀为半包式阀座设计, 解决了液体滞留阀腔的问题, 该球阀主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

技术参数

规格: 1/2"-6"

材质: 304/CF8, 316L/CF3M

适用温度: -20°C-150°C

密封材质: PTFE

压力: 8-20bar

操作方式: 手动、气动、电动

无需拆卸管道, 只要拆卸阀门可自行维修更换, 操纵扭矩小

连接方式: 卡箍、焊接、螺纹、SMS、ISO、DIN、RJT、IDF、BPE

阀体内部处理: 内表面CNC加工, Ra0.6μm

认证: 3-A-68-00, PED/97/23/EC

The valve is designed with a semi enclosed seat, which solves the problem of liquid retaining. The ball valve is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

Technical parameter

Specification: 1/2"-6"

Material: 304/CF8, 316L/CF3M

Applicable temperature: -20°C-150°C

Sealing material: PTFE

Pressure: 8-10bar

Mode of operation: manual, pneumatic, electric

No need of pipeline disassembling, only need to disassemble the valves, small torque

Connection method: clamp, welding, thread, SMS, ISO, DIN, RJT, IDF, BPE

Internal treatment of the valve body: CNC machining, Ra0.6μm

Certification: 3-A-68-00, PED/97/23/EC

气动球阀:

主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

* 阀体结构: 直通

* 规格: 1/2"-6", DN15-DN100

* 温度: -20°C-150°C

* 压力: 8-10bar/10kg

* 材质: 316L

* 认证: 3-A-68-00, PED, 97/23/EC

* 气动执行器: 双作用、单作用, 铝制气动头、不锈钢气动头

* 调节型连接: 卡箍、焊接、螺纹、DIN、SMS、ISO、IDF、BPE, RJT

* 密封材质: PTFE, TFM 1600, UHMWPE

* 扭矩: 1N.M-100N.M

Pneumatic ball valve

It is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

* Valve body: full bore

* Size: 1/2"-6", DN15-DN100

* Temperature: -20°C-150°C

* Pressure: 8-10bar/10kg

* Material: 316L

* Certification: 3-A-68-00, PED, 97/23/EC

* Pneumatic actuator: single acting, double acting, aluminium, stainless steel

* Connection: tri-clamped, welded, threaded, DIN, SMS, ISO, IDF, BPE, RJT

* Sealing material: PTFE, TFM 1600, UHMWPE

* Torque: 1N.M-100N.M

1/2"-6" Encapsulated and ISO mounting pad
Flange connection size please refer to the standard ISO5.

No.QL-002

SIZE	L±1	B±0.1	C±0.1		D±0.1	E±5	F±0.05	G	H	I±2	N.m
			快装 Clamp	焊接 Welding							
1/2"	90.5	9.4	25	12.7	64	131	9	F03	F04	37	4~10
3/4"	103.4	15.75	25	19.05	68	131	9	F03	F04	43	4~10
1"	114.2	22.1	50.5	25.4	86	169	11	F04	F05	51	5~15
1.5"	136.7	34.8	50.5	38.1	122.5	213	14	F05	F07	71	10~25
2"	153.2	47.5	64	50.8	122.5	213	14	F05	F07	79	15~30
2.5"	167.3	60.2	77.5	63.5	139.5	213	14	F05	F07	94	20~35
3"	192.3	72.9	91	76.2	165	320	17	F07	F10	109.5	40~65
4"	239.5	97.4	119	101.6	177	320	17	F07	F10	123	40~80
6"	378	146.8	167	152.4	205	490	27	F10	F12	169	60~120





气动三片式无滞留球阀

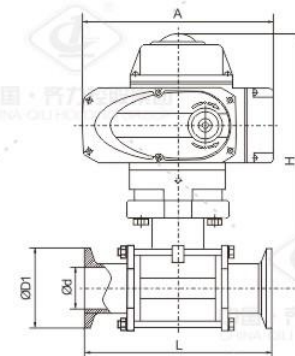
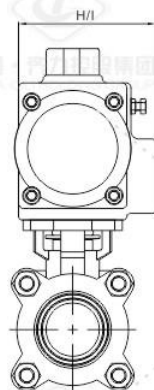
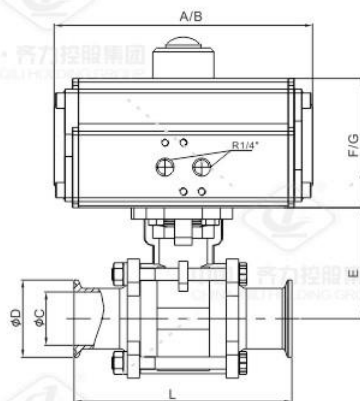
Pneumatic three-piece non-retention ball valve



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

电动三片式无滞留全包球阀

Electric three-piece non-retention encapsulated ball valve



A 卫生级球阀系列
Sanitary ball valve series

外形尺寸
DIMENSION

No.QL-003										
SIZE	A/B (单/双)	C ±0.1	D ±0.1	E ±2	F/G (单/双)	H/I (单/双)	L ±1	Single acting actuator (单作用)	Double acting actuator (双作用)	
1/2"	169/154	9.4	25.2	37	88/72	82/71	90.5	AT63	AT52	
3/4"	169/154	15.75	25.2	43	88/72	82/71	103.4	AT63	AT52	
1"	201/169	22.1	50.5	51	100/88	94/82	114.2	AT75	AT63	
1.25"	201/169	28.5	50.5	61	100/88	94/82	126	AT75	AT63	
1.5"	209/201	34.8	50.5	71	108/100	101/94	136.7	AT83	AT75	
2"	275/209	47.5	64	79	133/108	122/101	153.2	AT105	AT83	
2.5"	275/209	60.2	77.5	94	133/108	122/101	167.3	AT105	AT83	
3"	332/275	72.9	91	109.5	155/133	138/122	192.3	AT125	AT105	
4"	385/332	97.4	119	123	172/155	153/138	239.5	AT140	AT125	
6"	507/450	146.8	167	169	230/197	206/174	378	AT190	AT160	

电动球阀:

主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

Electric ball valve

It is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

- * 阀体结构: 直通
- * 规格: 1/2"-6", DN15-DN100
- * 温度: -20°C-150°C
- * 压力: 8-30bar/30kg
- * 材质: 316L
- * 认证: 3-A-68-00, PED, 97/23/EC
- * 电动执行器: 开关型
- * 调节型连接: 卡箍、焊接、螺纹、DIN, SMS, ISO, IDF, BPE, RJT
- * 密封材质: PTFE, TFM 1600, UHMWPE
- * 扭矩: 1N.M-100N.M

- * Valve body: full bore
- * Size: 1/2"-6", DN15-DN100
- * Temperature: -20°C-150°C
- * Pressure: 8-30bar/30kg
- * Material: 316L
- * Certification: 3-A-68-00, PED, 97/23/EC
- * Electric actuator: switching type, regulating type
- * Connection: tri-clamped, welded, threaded, DIN, SMS, ISO, IDF, BPE, RJT
- * Sealing material: PTFE, TFM 1600, UHMWPE
- * Torque: 1N. M-100N. M

No.QL-004						
SIZE	电动头型号 Electric head model	d±0.1	L±1	D1±0.1	A±5	H±5
1/2"	05	9.4	90.5	25.0	146	137
3/4"	05	15.8	103.4	25.0	146	141
1"	05	22.1	114.2	50.5	146	151
1 1/4"	05	28.5	125	50.5	163	172
1.5"	05	34.8	136.7	50.5	163	185
2"	15	47.5	153.2	64.0	214	209
2.5"	15	60.2	167.3	77.5	252	240
3"	40	72.9	192.3	91.0	270	264
4"	40	97.4	239.5	119	316	310



三片式球阀总装配-DIN快装/焊接

Three piece ball valve assembly - DIN clamped /welding



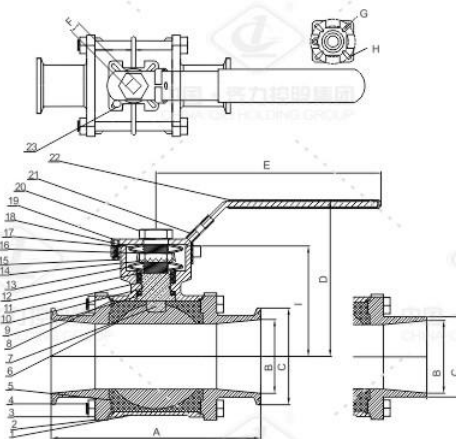
高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

三片式全包法兰球阀-3A全通径

Three-piece encapsulate flanged ball valve-3A full bore



NO	NAME	NUMBER	MATERIAL
1	Body	1	ASTM-A351-CF3M
2	Cap	2	ASTM-A351-CF3M
3	Hexnut	4	SS304
4	Bolt	4	SS304
5	Seat	2	PTFE
6	Ball	1	SS316L
7	Stem	1	SS316L
8	Stem packing	2	PTFE
9	Ring	1	PTFE
10	O-Ring	1	VITON
11	Thrust washer	3	PTFE
12	Gasret	1	SS304
13	Butterfly spring	1	SS304
14	Hexnut	1	SS304
15	Hexnut	1	SS304
16	Bellevue washer	1	SS304
17	Bolt	1	SS304
18	Butterfly spring	2	SS304
19	Handle	1	SS304
20	Handle nut	1	SS304
21	Lock washer	1	SS304
22	Handle cover	1	PLASTIC



DN10-DN100 Encapsulated and ISO mounting pad.
Flange connection size please refer to the standard ISO5211

卫生级三片式高平台全包裹非固位球阀。

阀门设计为全包裹阀座，解决了液体滞留阀腔的问题。该球阀主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

技术参数

规格: DN10-DN100

材质: 304/CF8,316L/CF3M

适用温度: -20°C-150°C

密封材料: 聚四氟乙烯

压力: 8-10bar

操作方式: 手动、气动、电动无需拆卸管路，只要能拆卸阀门，即可自行维修更换

连接方式: 卡箍、焊接、螺纹、SMS、ISO、DIN、RJT、IDF、BPE

阀体内部处理: 内表面CNC加工, Ra0.6μm

认证: 3A

Sanitary three-piece high platform encapsulated ball valve.

The valve is designed with encapsulated seat, which solves the problem of liquid retaining. The ball valve is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

Technical parameter

Specification: DN10-DN100

Material: 304/CF8,316L/CF3M

Applicable temperature: -20 °C-150°C

Sealing material: PTFE

Pressure: 8-10bar

Mode of operation: manual,pneumatic,electric,only need to disassemble the valves.No need to disassemble the pipeline ,small torque

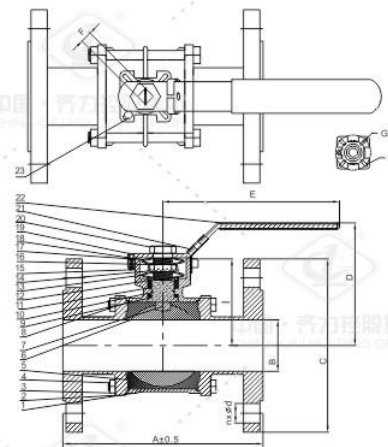
Connection method: clamp,welding,thread,SMS,ISO,DIN,RJT,IDF,BPE

Internal treatment of the valve body: CNC machiningof the inner surface,Ra0.6μm

Certification: 3A

No.QL-005

SIZE	A	B	C		D	E	F	G	H	I	N·m
			快装 Clamp	焊接 Welding							
DN10	90.5	10	34	13	64	131	9	F03	F04	37	4~10
DN15	103.4	15/16	34	18/16	68	131	9	F03	F04	43	4~10
DN20	114.2	19/20	34	22/23	86	169	11	F04	F05	51	4~10
DN25	114.2	25/26	50.5	28/29	86	169	11	F04	F05	51	5~15
DN32	136.7	31/32	50.5	34/35	122.5	213	14	F05	F07	72	10~20
DN40	136.7	37/38	50.5	40/41	122.5	213	14	F05	F07	72	10~25
DN50	153.2	49/50	64	52/53	122.5	213	14	F05	F07	79	15~30
DN65	167.3	66	91	70	139.5	213	14	F05	F07	94	20~35
DN80	192.3	81	106	85	165	320	17	F07	F10	109.5	40~65
DN100	239.5	100	119	104	177	320	17	F07	F10	123	40~80
DN150	378	150	183	154	205	490	27	F10	F10	169	60~120



1/2"-6" Encapsulated and ISO mounting pad.
Flange connection size please refer to the standard ISO5211

卫生级三片式高平台全包裹非固位球阀。

阀门设计为全包裹阀座，解决了液体滞留阀腔的问题。该球阀主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

技术参数

规格: 1/2"-6"

材质: 304/CF8,316L/CF3M

适用温度: -20°C-150°C

密封材料: 聚四氟乙烯

压力: 8-10bar

操作方式: 手动、气动、电动无需拆卸管路，只要能拆卸阀门，即可自行维修更换

连接方式: 卡箍、焊接、螺纹、SMS、ISO、DIN、RJT、IDF、BPE

阀体内部处理: 内表面CNC加工, Ra0.6μm

认证: 3A

NO	NAME	NUMBER	MATERIAL
1	Body	1	ASTM-A351-CF3M
2	Cap	2	ASTM-A351-CF3M
3	Hexnut	4	SS304
4	Bolt	4	SS304
5	Seat	2	PTFE
6	Ball	1	SS316L
7	Stem	1	SS316L
8	Stem packing	2	PTFE
9	Ring	1	PTFE
10	O-Ring	1	VITON
11	Thrust washer	3	PTFE
12	Gasret	1	SS304
13	Butterfly spring	2	SS304
14	Hexnut	1	SS304
15	Hexnut	1	SS304
16	Bellevue washer	1	SS304
17	Bolt	1	SS304
18	Butterfly spring	2	SS304
19	Handle	1	SS304
20	Handle nut	1	SS304
21	Lock washer	1	SS304
22	Handle cover	1	PLASTIC

Sanitary three-piece high platform encapsulated ball valve.

The valve is designed with encapsulated seat, which solves the problem of liquid retaining. The ball valve is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

Technical parameter

Specification: 1/2"-6"

Material: 304/CF8,316L/CF3M

Applicable temperature: -20 °C-150°C

Sealing material: PTFE

Pressure: 8-10bar

Mode of operation: manual,pneumatic,electric,only need to disassemble the valves.No need to disassemble the pipeline ,small torque

Connection method: clamp,welding,thread,SMS,ISO,DIN,RJT,IDF,BPE

Internal treatment of the valve body: CNC machiningof the inner surface,Ra0.6μm

Certification: 3A

No.QL-006

SIZE	A	B	C	D	E	F	G	H	I	N·m
1/2"	112.5	9.4	95	64	131	9	F03	F04	37	4~10
3/4"	129.4	15.75	105	68	131	9	F03	F04	43	4~10
1"	140	22.1	115	86	169	11	F04	F05	51	5~15
1.25"	156	28.5	140	86	169	11	F04	F05	61	10~20
1.5"	167	34.8	150	122.5	213	14	F05	F07	71	10~25
2"	185	47.5	165	122.5	213	14	F05	F07	79	15~30
2.5"	201	60.2	185	139.5	213	14	F05	F07	94	20~35
3"	226.3	72.9	200	165	320	17	F07	F10	109.5	40~65
4"	277.5	97.4	220	177	320	17	F07	F10	123	40~80
6"	420	146.8	285	205	490	27	F10	F12	169	60~120



卫生级球阀 Sanitary ball valve



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

三片式低平台半包球阀 Three-piece low-platform half-encapsulate ball valve



焊接式 Welded type

螺纹式 Thread type



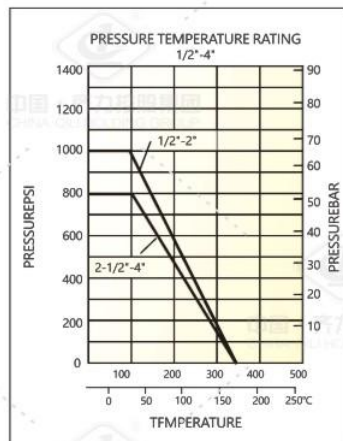
快装式 Clamp type

由任式 Union type

全包式球阀 Encapsulated ball valve

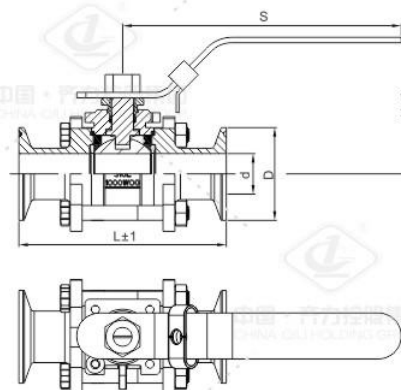
Locking device can be required.
100% air tested under water at 100%PSI,
open and closed positions
Hydrostatic test pressure 1/4"-2" 1, 500PSI,
2 1/2"-4" 1, 200PSI.
Standard End : Weld & Clamp-End

Other SMS, DIN, RJT, IDF
Male/Male can be required.



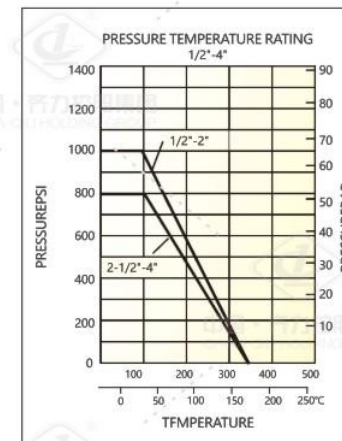
No. QL-007

SIZE	L±1	d +0.06	D +0.06	H±1	S±1
1/2"	90.5	9.4	25.2	60	133
3/4"	103.4	15.75	25.2	65	133
1"	114.2	22.1	50.5	69	170
1.25"	125	28.45	50.5	75	170
1.5"	136.7	34.8	50.5	89	190
2"	153.2	47.5	64	97	230
2.5"	167.3	60.2	77.5	127	230



半包式球阀 half-encapsulated ball valve

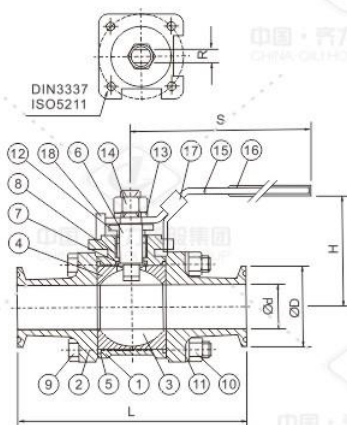
该球阀主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。
该领域具有广泛的应用。
技术参数规格: 1/2" - 4"
材质: 304 / CF8, 316L / CF8M
适用温度: -20°C - 150°C
密封材料: PTFE
压力: 8-10bar
操作方式: 手动, 气动, 电动无需拆卸管道, 只要
可以拆卸阀门, 就可以自行修理和更换
连接方式: 快装, 焊接, 螺纹, SMS, ISO, DIN,
RJT, IDF, BPE
阀体的内部处理: 内表面的数控加工, Ra0.6μm
认证: 3A



No. QL-008

SIZE	L±1	d +0.06	D +0.06	H±1	S±1
1/2"	90.5	9.4	25.2	60	133
3/4"	103.4	15.75	25.2	65	133
1"	114.2	22.1	50.5	69	170
1.25"	125	28.45	50.5	75	170
1.5"	136.7	34.8	50.5	89	190
2"	153.2	47.5	64	97	230
2.5"	167.3	60.2	77.5	127	230

A
卫生级球阀系列
Sanitary ball valve series



NO	PART NAME	MATERIAL
1	BODY	ASTM-A351-CF8M
2	CAP	ASTM-A351-CF8M
3	BALL	A351-CF8M
4	SEAT	PTFE
5	GASKET	PTFE
6	STEM	316
7	THRUST WASHER	PTFE
8	STEM PACKING	PTFE
9	BOLT	304
10	HEX NUT	304
11	BOLT WASHER	304
12	GLAND	304
13	WASHER	304
14	NUT	304
15	HANDLE	304
16	PLSTIC COVER	PLASTIC

The ball valve is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.
This field has a wide range of applications.
Technical parameters and specifications: 1/2" - 4"
Material: 304 / CF8, 316L / CF8M
Applicable temperature: -20 ° C-150 ° C
Sealing material: PTFE
Pressure: 8-10bar
Operation mode: manual, pneumatic and electric, no need to disassemble the pipe, as long as the valve can be disassembled, it can be repaired and replaced by itself
Connection mode: clamp, welding, thread, SMS, ISO, DIN, RJT, IDF, BPE
Internal treatment of valve body: numerical control processing of internal surface, Ra0.6μm
Certification: 3A

NO	PART NAME	MATERIAL
1	BODY	ASTM-A351-CF8M
2	CAP	ASTM-A351-CF8M
3	BALL	A351-CF8M
4	SEAT	PTFE
5	GASKET	PTFE
6	STEM	316
7	THRUST WASHER	PTFE
8	STEM PACKING	PTFE
9	BOLT	304
10	HEX NUT	304
11	BOLT WASHER	304
12	GLAND	304
13	WASHER	304
14	NUT	304
15	HANDLE	304
16	PLSTIC COVER	PLASTIC

A

三片式低平台总装配-3A焊接

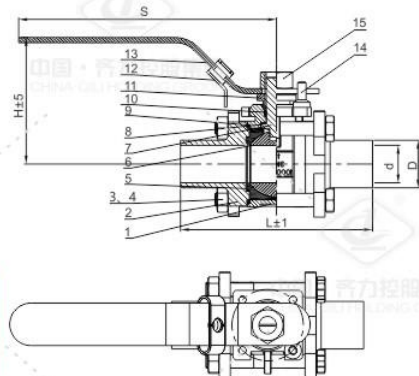
Three-piece low platform general assembly - 3A welding

中国·齐力控股集团
CHINA QILI HOLDING GROUP高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

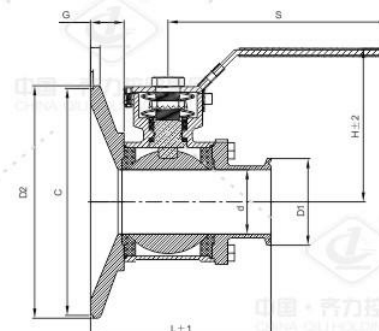
罐底球阀

Tank bottom ball valve

A



NO	NAME	NUMBER	MATERIAL
1	Body	1	ASTM-A351-CF3M
2	Cap	2	ASTM-A351-CF3M
3	Hexnut	4	SS304
4	Bolt	4	SS304
5	Seat	2	PTFE
6	Ball	1	SS316L
7	Stern	1	SS316L
8	Stern packing	2	PTFE
9	Ring	1	PTFE
10	Thrust washer	3	PTFE
11	Compression nut	1	SS304
12	Lock washer	1	SS304
13	Handle cover	1	PLASTIC
14	Stop pin	1	SS304
15	Handle nut	1	SS304



A

卫生级球阀系列
Sanitary ball valve series

卫生级三片式低平台全包无滞留球阀。

阀门设计为全包式阀座，解决了液体滞留阀腔的问题。该球阀主要用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

技术参数

规格: 1/2"-4"

材质: 304/CF8, 316L/CF3M

适用温度: -20C-150°C

密封材质: PTFE

压力: 8-10bar

操作方式: 手动、气动、电动

无需拆卸管道，只要拆卸阀门可自行维修更换，操纵扭矩小

连接方式: 卡箍、焊接、螺纹、SMS、ISO、DIN、RJT、IDF、BPE

阀体内部处理: 内表面CNC加工，Ra0.6μm

认证: 3A

Sanitary three-piece low-platform encapsulated non-retention ball valve. The valve is designed with encapsulated seat, which solves the problem of liquid retaining. The ball valve is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

Technical parameter

Size: 1/2"—4"

Material: 304 / CF8, 316L / CF8M

Applicable temperature: -20 ° C-150 ° C

Seal material: PTFE

Pressure: 8-10bar

Operation mode: manual, pneumatic, electric No need to disassemble the

pipeline, as long as the valve is disassembled, it can be repaired and

replaced by itself, and the operating torque is small.

Connection: Clamp, Welding, Thread, SMS, ISO, DIN, RJT, IDF, BPE

Internal treatment of valve body: CNC machining of inner surface, Ra0.6μm

Certification: 3A

No.QL-009

SIZE	L±1	d ±0.06	D ±0.06	H±5	S±10	
1/2"	90.5	9.4	12.7	60	133	
3/4"	103.4	15.75	19.1	65	133	
1"	114.2	22.1	25.4	75	170	
1.25"	125	28.45	31.8	75	170	
1.5"	136.7	34.8	38.1	89	190	
2"	152	47.5	50.8	114	230	
2.5"	167.3	60.2	63.5	127	230	
3"	192.3	72.9	76.2	165	320	高平台
4"	239.5	97.4	101.6	177	320	高平台

设计和特点

该阀是一款专门设计应用于压力容器和储罐等设备的排空和放料的罐底球阀，全包裹球座和密封自动补偿设计，因此具有压力高，耐高温，扭矩小，寿命长等特点。

罐底球阀：

主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

* 阀体结构：直通

* 规格：1/2"-4", DN10-DN100

* 温度：-20°C-150°C

* 压力：8-30bar/30kg

* 材质：316L/304L

* 认证：3-A-68-00, PED, 97/23/EC

* 连接：卡箍、焊接、螺纹、

DIN, SMS, ISO, IDF, BPE, RJT

* 密封材质：PTFE, TFM 1600, UHMWPE

* 扭矩：1N.M-100N.M

Design and features

It is a tank bottom valve specially designed for the emptying and discharging of pressure vessels and storage tanks. It has an encapsulated ball seat and seal automatic compensation design, which brings features of high pressure, high temperature resistance, small torque, and long life.

Tank bottom ball valve: mainly used in processing beverages, brewing, oil refining, cosmetics and chemical industries

* Valve body structure: straight through

* Specification: 1/2"-4", DN15-DN100

* Temperature: -20°C-150°C

* Pressure: 8-30bar/30kg

* Material: 316L

* Certification: 3-A-68-00, PED, 97/23/EC

* Connection: clamp, welding, thread, DIN, SMS, ISO, IDF, BPE, RJT

* Sealing material: PTFE, TFM 1600, UHMWPE

* Torque: 1N.M-100N.M

No.QL-010

SIZE	d ±0.06	D1 ±0.06	D2 ±0.1	L ±0.3	H ±2	S ±2	C ±0.1	G ±0.5
1"	22.1	50.5	100	117	86	168	93	43
1.5"	34.8	50.5	120	120	122.5	220	110	26
2"	47.5	64	155	135.5	122.5	220	145	27
2.5"	60.2	77.5	180	146	139.5	220	170	25
3"	72.9	91	212	170.8	165	320	210	30
4"	97.4	119	240	200	177	320	235	34

A 气动罐底球阀

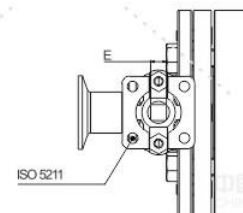
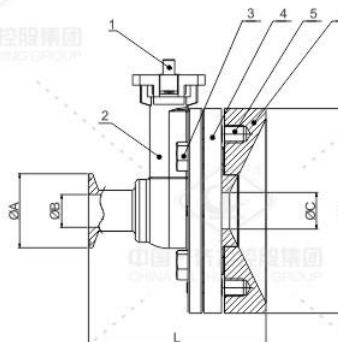
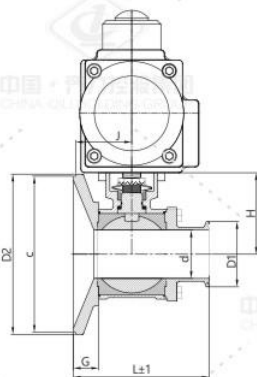
Pneumatic tank bottom ball valve



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

A 分体式罐底直通球阀

Split type tank bottom through ball valve



设计和特点

该阀是一款专门设计应用于压力容器和储罐等设备的排空和放料的罐底阀门，全包裹座和密封自动补偿设计，因此具有压力高，耐高温，扭矩小，寿命长等特点。

Design and features

It is a tank bottom valve specially designed for the emptying and discharging of pressure vessels and storage tanks. It has an encapsulated ball seat and seal automatic compensation design, which brings features of high pressure, high temperature resistance, small torque, and long life.

罐底球阀:

主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

Tank bottom ball valve:

It is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

- * 阀体结构: 直通
- * 规格: 1/2"-4", DN15-DN100
- * 温度: -20°C-150°C
- * 压力: 8-30bar/30kg
- * 材质: 316L
- * 认证: 3-A-68-00, PED, 97/23/EC
- * 气动执行器: 双作用、单作用、铝制气动头、不锈钢气动头
- * 连接: 卡箍、焊接、螺纹、DIN, SMS, ISO, IDF, BPE, RJT
- * 密封材质: PTFE, TFM 1600, UHMWPE
- * 扭矩: 1N.M-100N.M

- * Valve body straight
- * Size: 1/2"-4", DN15-DN100
- * Temperature: -20°C-150°C
- * Pressure: 8-30bar/30kg
- * Material: 316L
- * Certification: 3-A-68-00, PED, 97/23/EC
- * Pneumatic actuator: single acting, double acting, aluminium, stainless steel
- * Connection: tri-clamped, welded, threaded, DIN, SMS, ISO, IDF, BPE, RJT
- * Sealing material: PTFE, TFM 1600, UHMWPE
- * Torque: 1N.M-100N.M

No.QL-011

SIZE	d ±0.06	D1 ±0.06	D2 ±0.1	L ±0.3	H ±2	C ±0.1	J ±0.5	G ±0.5	N.m	Single acting actuator (单作用)	Double acting actuator (双作用)
1"	22.1	50.5	100	117	51	93	44	43	5-15	AT75	AT63
1.5"	34.8	50.5	120	120	71	110	47.3	26	10-25	AT83	AT75
2"	47.5	64	155	135.5	79	145	57	27	15-30	AT105	AT83
2.5"	60.2	77.5	180	146	94	170	59.4	25	20-35	AT105	AT83
3"	72.9	91	212	170.8	109.5	210	71.7	30	40-65	AT125	AT105
4"	97.4	119	240	200	123	235	77.5	34	40-80	AT140	AT125

NO.	NAME	NUMBER	MATERIAL
1	STEM	1	316L
2	BODY	1	ASTM-A351-CF8M
3	BOLT	4/6	304
4	ADAPTER FLANGE	1	ASTM-A351-CF8M
5	INNER BOLT	4/6	304
6	BONNET	1	ASTM-A351-CF8M

No.QL-012

SIZE	A ±0.15	B ±0.15	C ±0.15	D ±0.2	E ±0.1	L ±2	ISO 5211
1"	50.5	22.1	25	140	11x11	121.5	F05
1.5"	50.5	34.8	40	155	14x14	134	F05/F07
2"	64	47.5	50	175	14x14	139	F05/F07
2.5"	77.5	60.2	65	195	14x14	181.5	F07/F10
3"	91	72.9	80	250	17x17	184	F07/F10
4"	119	97.4	100	280	17x17	224	F07/F10



手动快装/焊接蝶形球阀

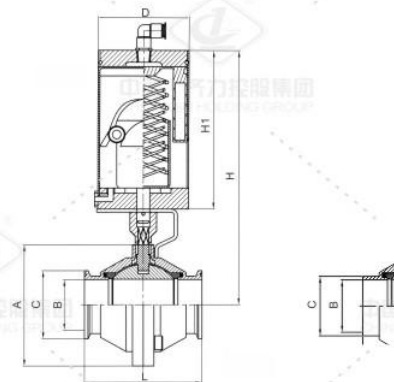
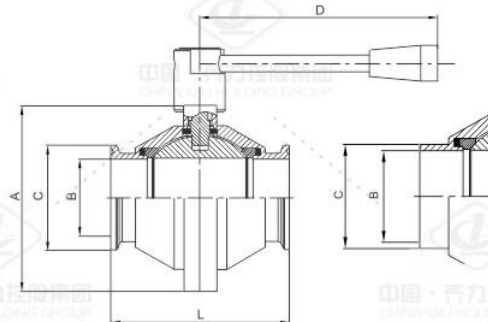
Manual quick assembly/welding butterfly ball valve



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

气动蝶形球阀

Pneumatic butterfly ball valve



A

卫生级球阀系列
Sanitary ball valve series

蝶形球阀:

主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

- * 阀体结构: 直通
- * 规格: 1/2" - 6", DN15-DN100
- * 温度: -20°C-150°C
- * 压力: 8-30bar/30kg
- * 材质: 316L
- * 认证: 3-A-68-00, PED, 97/23/EC
- * 连接: 卡箍、焊接、螺纹、DIN, SMS, ISO, IDF, BPE, RJT
- * 密封材质: PTFE, TFM 1600, UHMWPE
- * 扭矩: 1N.M-50N.M

Butterfly ball valve:

It is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

- * Valve body structure: full bore
- * Specification: 1/2" - 6 inch", DN15-DN100
- * Temperature: -20°C-150°C
- * Pressure: 8-30bar/30kg
- * Material: 316L
- * Certification: 3-A-68-00, PED, 97/23/EC
- * Connection: clamp, welding, thread, DIN, SMS, ISO, IDF, BPE, RJT
- * Sealing material: PTFE, TFM 1600, UHMWPE
- * Torque: 1N.M-50N.M

气动球阀:

主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

- * 阀体结构: 直通
- * 规格: 1/2" - 6", DN15-DN100
- * 温度: -20°C-150°C
- * 压力: 8-30bar/30kg
- * 材质: 316L
- * 认证: 3-A-68-00, PED, 97/23/EC
- * 连接: 卡箍、焊接、螺纹、DIN, SMS, ISO, IDF, BPE, RJT
- * 密封材质: PTFE, TFM 1600, UHMWPE
- * 扭矩: 1N.M-50N.M

Pneumatic ball valve:

It is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

- * Valve body structure: full bore
- * Specification: 1/2" - 6", DN15-DN100
- * Temperature: -20°C-150°C
- * Pressure: 8-30bar/30kg
- * Material: 316L
- * Certification: 3-A-68-00, PED, 97/23/EC
- * Connection: clamp, welding, thread, DIN, SMS, ISO, IDF, BPE, RJT
- * Sealing material: PTFE, TFM 1600, UHMWPE
- * Torque: 1N.M-50N.M

A

卫生级球阀系列
Sanitary ball valve series

No.QL-013

SIZE	A±0.13	B±0.13	C±0.13		D±1	L±0.5
			快装 Clamp	焊接 Welding		
1/2"	64	9.4	25.2	12.7	140	70
3/4"	64	15.75	25.2	19.05	140	70
1"	76.5	22.1	50.5	25.4	140	85
1.5"	99	34.8	50.5	38.1	140	100
2"	112	47.5	64	50.8	140	110
2.5"	141	60.2	77.5	63.5	205	125
3"	163	72.9	91	76.2	205	135
4"	194	97.4	119	101.6	206	170

No.QL-014

SIZE	A±0.13	B±0.13	C±0.13		D±1	L±0.5	H1±2	H±5
			快装 Clamp	焊接 Welding				
1/2"	64	9.4	25.2	12.7	85	70	148	216
3/4"	64	15.75	25.2	19.05	85	70	148	216
1"	76.5	22.1	50.5	25.4	85	85	148	220
1.5"	99	34.8	50.5	38.1	85	100	148	230
2"	112	47.5	64	50.8	85	110	148	234.5
2.5"	141	60.2	77.5	63.5	85	125	148	253
3"	163	72.9	91	76.2	108	135	182	300
4"	194	97.4	119	101.6	108	170	182	318

A

两片式手动快装球阀(带锁)/手动缩径三通球阀

2-PC manual clamped ball valve (with lock)/Manual reducing three-way ball valve



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

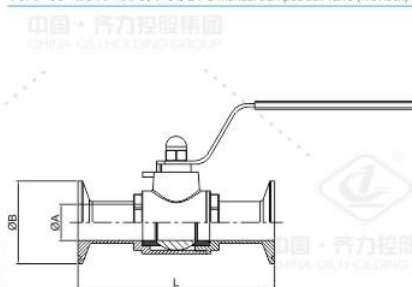
卫生级直通球阀

Sanitary two way ball valve

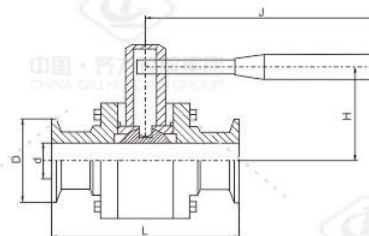
A

两片式手动快装球阀(带锁) 2-PC manual clamped ball valve (with lock)

No.QL-015



SIZE	ØA	ØB	L
1/2"	9.4	25	74
3/4"	15.8	25	99.5
1"	22.1	50.5	110
1.5"	34.8	50.5	134
2"	47.5	64	156.5
2.5"	60.2	77.5	170
3"	72.9	91	195
4"	97.4	119	240



设计和特点

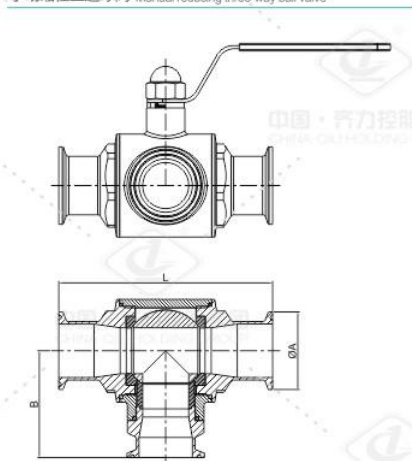
无需维护，比其他的阀门更小更轻，操纵扭矩小垫圈根据 PTFE FDA177，2600 无论液体是何种流向，手柄可以安装在侧边的阀体上，无论是何种连接方式，阀体都可进行列换，而不会尽管变阀门的总长度连接：螺纹，焊接，卡箍，法兰，DIN, SMS, RJT, FIL 可装配气动执行器，电动执行器物料接触部位 AISI 304/316L，其他部位 AISI 304 认证：PED, 97/23/EC

Design and features

No maintenance required, smaller and lighter than other valves, control torque small washer according to PTFE 177. Regardless of the flow direction of the fluid, the handle can be attached to the side body in either connection, the body can be changed without changing the total length of the valve connection: thread, solder, clamp, Flange, DIN, SMS, RJT, fil can be equipped with pneumatic actuator, electric actuator material contact parts AISI 304/316L, other parts AISI 304 certification: PED, 97/23/EC

手动缩径三通球阀 Manual reducing three-way ball valve

No.QL-016



SIZE	ØA	ØB	L
3/4"	50.5	54	108
1"	50.5	60	120
1.25"	50.5	64	128
1.5"	50.5	72	144
2"	64	84	168
2.5"	77.5	90	180
3"	91	110	220
3.5"	106	122	244
4"	119	235	270

直通球阀：

主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

- * 阀体结构：直通
- * 规格：1/2"~6寸，DN15-DN100
- * 温度：-20℃至150℃
- * 压力：8-30bar/30kg
- * 材质：316L
- * 认证：3-A-68-00、PED、97/23/EC
- * 连接：卡箍、焊接、螺纹、DIN、SMS、ISO、IDF、BPE、RJT
- * 密封材质：PTFE、TFM 1600、UHMWPE
- * 扭矩：1N.M-50N.M

full bore ball valve:

It is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

- * Valve body: straight
- * Size: 1/2"-6", DN15-DN100
- * Temperature: -20°C-150°C
- * Pressure: 8-30bar/30kg
- * Material: 316L
- * Certification: 3-A-68-00, PED, 97/23/EC
- * Connection: tri-clamped, welded, threaded, DIN, SMS, ISO, IDF, BPE, RJT
- * Sealing material: PTFE, TFM 1600, UHMWPE
- * Torque: 1N.M-50N.M

No.QL-017

SIZE	D	d	L	H	J
1/2"	25	9.4	95	35	142
3/4"	25	15.8	95	38	142
1"	50.5	22.1	100	42	142
1 1/4"	50.5	28.5	108	48	142
1 1/2"	50.5	34.8	115	52	142
2"	64	47.5	136	60	160
2 1/2"	77.5	60.2	150	73	160
3"	91	72.2	172	83	190
4"	119	97.4	204	93	190

A 卫生级直通球阀

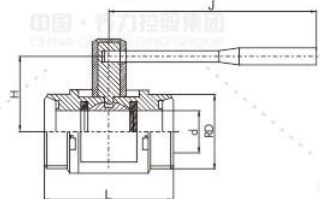
Sanitary full two way ball valve



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

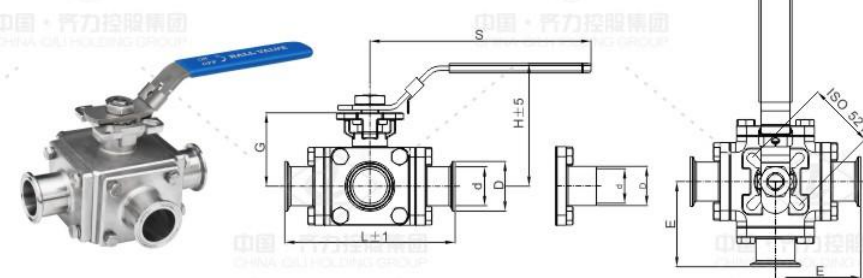
三通无滞留全球阀/三通四方球阀-3A

Three-way non-retention encapsulate ball valve/Three-way ball valve-welding



直通螺纹球阀 (DIN)
Full bore Thread Ball Valve (DIN) No.QL-018

SIZE	RD	d	L	H	J	N.W
DN 10	RD28X1/8"	10	95	40	124	820
DN 15	RD34X1/8"	15	95	40	124	820
DN 20	RD44X1/8"	19	95	40	124	945
DN 25	RD52X1/6"	25	100	48	162	1300
DN 32	RD58X1/6"	31	108	50	162	1740
DN 40	RD65X1/6"	37	115	60	162	2160
DN 50	RD78X1/6"	49	133.5	68	162	2960
DN 65	RD98X1/6"	66	161	89	189	5100
DN 80	RD110X1/4"	81	180	100	189	7390
DN 100	RD130X1/4"	100	204	115.5	250	11120



三通球阀:
主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

Three-way ball valve:
It is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

- * 阀体结构: 直通、三通、四通
- * 规格: 1/2"-4", DN15-DN100
- * 温度: -20°C-150°C
- * 压力: 8-30bar/30kg
- * 材质: 316L
- * 认证: 3-A-68-00, PED, 97/23/EC
- * 连接: 卡箍、焊接、螺纹、DIN, SMS, ISO, IDF, BPE, RJT
- * 密封材质: PTFE, TFM 1600, UHMWPE
- * 扭矩: 1N.M-100N.M

- * Valve body structure: two way, three-way, four-way
- * Specification: 1/2" 4 inch, DN15-DN100
- * Temperature: -20°C-150°C
- * Pressure: 8-30bar/30kg
- * Material: 316L
- * Certification: 3-A-68-00, PED, 97/23/EC
- * Connection: clamp, welding, thread, DIN, SMS, ISO, IDF, BPE, RJT
- * Gasket material: PTFE, TFM 1600, UHMWPE
- * Torque: 1N.M-100N.M

直通螺纹球阀 (SMS)
Full bore Thread Ball Valve (SMS) No.QL-019

SIZE	RD	d	L	H	J	N.W
1/2"	RD36X1/8"	9.7	95	40	124	945
3/4"	RD36X1/8"	15	95	40	124	900
1"	RD40X1/8"	22.4	100	48	162	1200
1 1/4"	RD48X1/8"	28.8	108	50	162	1600
1 1/2"	RD50X1/8"	35.1	115	60	162	2340
2"	RD70X1/8"	47.8	133.5	68	162	2860
2 1/2"	RD85X1/8"	59.5	150	80	189	4560
3"	RD98X1/8"	72.2	172	94	189	6200
4"	RD125X1/8"	97.6	204	115.5	250	11290

直通卡箍球阀 (ISO, IDF, SMS, 3A, DS)
Full bore clamp ball valve(ISO, IDF, SMS, 3A, DS) No.QL-020

SIZE	d	L	H	J	N.W
1/2"	25.4	95	40	124	810
3/4"	25.4	95	40	124	780
1"	50.5	100	48	162	1265
1 1/4"	50.5	128	50	162	1520
1 1/2"	50.5	115	60	162	2000
2"	64	133.5	68	162	2685
2 1/2"	77.5	150	80	189	4115
3"	91	172	94	189	5628
4"	119	206	115.5	250	10890

No. QL-02

SIZE	L±0.5	d±0.1	D±0.1		E±0.5	H±5	S±5	ISO5211		N.m	kxk
			快装 Clamp	焊接 Welding							
1/2"	106	9.4	25.2	12.7	53	89	169	F03	F04	10-20	9*9
3/4"	106	15.75	25.2	19.05	53	89	169	F03	F04	10-20	9*9
1"	160	22.1	50.5	25.4	80	102	169	F04	F05	10-25	11*11
1 1/4"	160	28.45	50.5	31.8	80	102	213	F04	F05	15-40	11*11
1.5"	183	34.8	50.5	38.1	91.5	127	213	F05	F07	15-40	14*14
2"	216	47.5	64.0	50.8	108	139.0	213	F07	F10	30-60	17*17
2.5"	241	60.2	77.5	63.5	120.5	165.0	213	F07	F10	40-80	17*17
3"	279.5	72.9	91.0	76.2	139.75	170.0	320	F10	F12	50-100	27*27
4"	324	97.4	119.0	101.6	162	193.0	320	F10	F12	60-120	27*27



气动三通无滞留全包球阀

Pneumatic three-way non-retention encapsulate ball valve



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

四方法兰球阀

3way flange ball valve



A

卫生级球阀系列
Sanitary ball valves series

气动球阀:

主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

- * 阀体结构: 直通、三通、四通
- * 规格: 1/2"-4", DN15-DN100
- * 温度: -20°C至150°C
- * 压力: 8-30bar/30kg
- * 材质: 316L
- * 认证: 3-A-68-00, PED, 97/23/EC
- * 气动执行器: 双作用、单作用、铝制气动头、不锈钢气动头
- * 连接: 卡箍、焊接、螺纹、DIN, SMS, ISO, IDF, BPE, RJT
- * 密封材质: PTFE, TFM 1600, UHMWPE
- * 扭矩: 1N.M-100N.M

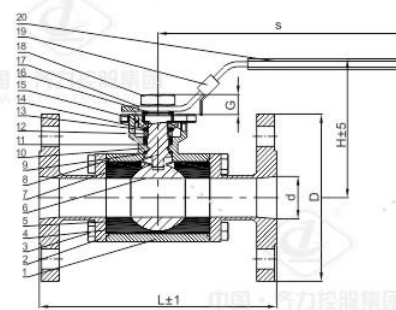
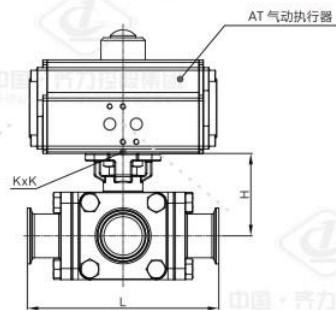
Pneumatic ball valve:

It is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

- * Valve body structure: two way, three-way, four-way
- * Specification: 1/2"-4", DN15-DN100
- * Temperature: -20°C-150°C
- * Pressure: 8-30bar/30kg
- * Material: 316L
- * Certification: 3-A-68-00, PED, 97/23/EC
- * Connection: clamp, welding, thread, DIN, SMS, ISO, IDF, BPE, RJT
- * Gasket material: PTFE, TFM 1600, UHMWPE
- * Torque: 1N.M-100N.M
- and chemical industries

No.QL-022

SIZE	L ±0.5	d ±0.1	D ±0.1	E ±0.5	H ±0.5	ISO 5211		N·m	KxK	Single acting actuator (单作用)	Double acting actuator (双作用)
1/2"	106	9.4	25.2	53	47.8	F03	F04	10~20	9*9	AT63	AT52
3/4"	106	15.75	25.2	53	58.2	F03	F04	10~20	9*9	AT63	AT52
1"	160	22.1	50.5	80	64	F04	F05	10~25	11*11	AT75	AT63
1 1/4"	160	28.45	50.5	80	79	F04	F05	15~40	11*11	AT75	AT63
1.5"	183	34.8	50.5	91.5	88.5	F05	F07	15~40	14*14	AT83	AT75
2"	216	47.5	64.0	108	105.8	F07	F10	30~60	17*17	AT105	AT83
2.5"	241	60.2	77.5	120.5	117.3	F07	F10	40~80	17*17	AT125	AT105
3"	279.5	72.9	91.0	139.75	128	F10	F12	50~100	27*27	AT140	AT125
4"	324	97.4	119.0	162	140	F10	F12	60~120	27*27	AT190	AT160



1/2"-4"Encapsulated and ISO mounting pad.
Flange connection size please refer to the standard ISO5211

NO	NAME	NUMBER	MATERIAL
1	Body	1	ASTM-A351-CF3M
2	Cap	4	ASTM-A351-CF3M
3	Bolt	16	SS304
4	Seat	2	PTFE
5	Ball	1	SS316L
6	Stem	1	SS316L
7	Stem packing	4	PTFE
8	Ring	1	PTFE
9	O-Ring	1	VITON
10	Thrust washer	3	PTFE
11	Gasret	1	SS304
12	Hexnut	2	SS304
13	Butterfly spring	2	SS304
14	Hexnut	1	SS304
15	Bellevue washer	1	SS304
16	Butterfly spring	2	SS304
17	Handle	1	SS304
18	Handle nut	1	SS304
19	Lock washer	1	SS304
20	Handle cover	1	PLASTIC

技术参数

规格: 1/2"-4"
材质: 316L/CF3M
适用温度: -4/302°F(-20/150°C)
密封材料: 聚四氟乙烯
压力: 1/2"-2"=1000PSI; 2.5"-4"=800PSI
球表面处理: ID Ra≤0.6um; OD Ra≤0.6um
阀体内部处理: 内表面CNC加工, Ra0.6um
认证: 3A

Technical parameter

Technical Parameters:
Specification: 1/2"-4"
Material: 316L/CF3M
Applicable temperature:-4/302°F(-20/150°C)
Sealing material: PTFE
Pressure: 1/2"-2"=1000PSI; 2.5"-4"=800PSI.
Ball Finish: ID Ra≤0.6um; OD Ra≤0.6um.
Internal treatment: CNC machining, Ra0.6um
Certification: 3A

No.QL-023

SIZE	L ±0.5	d ±0.1	D ±0.1	E ±0.5	F ±0.2	H ±5	S ±5	G ±1	ISO 5211		N·m
1/2"	135	15	95	67.5	9	89	169	12	F03	F04	15-25
3/4"	135	20	105	67.5	9	89	169	12	F03	F04	15-25
1"	190	26	115	95	11	102.0	169	14	F05	F07	20-30
1.5"	213	38	150	106.5	14	127	213	19	F05	F07	25-35
2"	235	50	165	117.5	17	139.0	213	19	F07	F10	30-45
2.5"	260	66	185	130	17	165.7	213	20	F07	F10	35-65
3"	306.5	81	200	153.25	27	170.0	500	26	F10	F12	40-80
4"	352	100	220	176	27	193.0	500	26	F10	F12	50-90

A 法兰直通球阀-DIN缩径

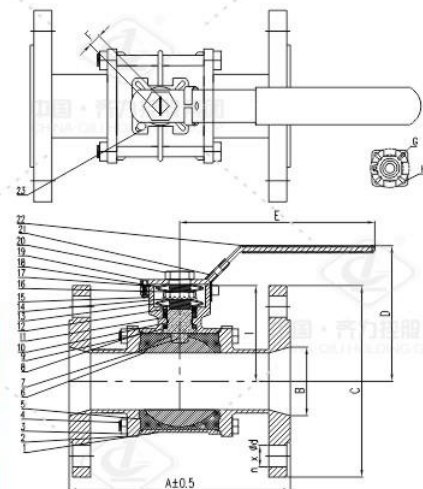
Flanged two way ball valves-DIN reduce port



高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

A 四方三通球阀-DIN快装/焊接

Three-way ball valve - DIN clamp/welding



NO	NAME	NUMBER	MATERIAL
1	Body	1	ASTM-A351-CF3M
2	Cap	2	ASTM-A351-CF3M
3	Hexnut	4	SS304
4	Bolt	4	SS304
5	Seat	2	PTFE
6	Ball	1	SS316L
7	Stem	1	SS316L
8	Stem packing	2	PTFE
9	Ring	1	PTFE
10	O-Ring	1	VITON
11	Thrust washer	3	PTFE
12	Gasret	1	SS304
13	Butterfly spring	2	SS304
14	Hexnut	1	SS304
15	Hexnut	1	SS304
16	Bellevue washer	1	SS304
17	Bolt	1	SS304
18	Butterfly spring	2	SS304
19	Handle	1	SS304
20	Handle nut	1	SS304
21	Lock washer	1	SS304
22	Handle cover	1	PLASTIC
23	Stop pin	1	SS304

1/2"-6"Encapsulated and ISO mounting pad.
Flange connection size please refer to the standard ISO5211

卫生级三片式高平台全包容式非固定球阀。
阀门设计为全包容式阀座，解决了液体滞留阀腔的问题。该球阀主要应用于加工食品、饮料、乳制品、制药、酿酒、化妆品、化学工业和半导体行业。

技术参数

规格: 1/2"-6"
材质: 304/CF8, 316L/CF3M
适用温度: -20°C-150°C
密封材料: 聚四氟乙烯
压力: 8-10bar
操作方式: 手动、气动、电动无需拆卸管路，只要能拆卸阀门，即可自行维修更换
连接方式: 卡箍、焊接、螺纹、SMS, ISO, DIN, RJT, IDF, BPE
阀体内部处理: 内表面CNC加工, Ra 0.6μm
认证: 3A

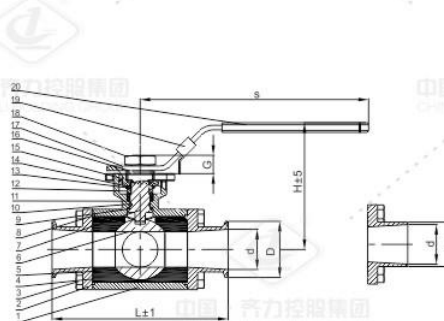
Sanitary three-piece high platform all-inclusive non-retaining ball valve.
The valve is designed with encapsulated seat, which solves the problem of liquid retaining. The ball valve is mainly used in food processing, beverage, dairy products, pharmacy, wine making, cosmetics, chemical industry and semiconductor industry.

Technical parameter

Specification: 1/2"-6"
Material: 304/CF8, 316L/CF3M
Applicable temperature: -20 °C -150°C
Sealing material: PTFE
Pressure: 8-10bar
Mode of operation: manual, pneumatic, electric. No need to disassemble the pipeline, as long as the valve can be disassembled, it can be repaired and replaced by itself
Connection method: clamp, welding, thread, SMS, ISO, DIN, RJT, IDF, BPE
Internal treatment: CNC machining, Ra0.6μm
Certification: 3A

No.QL-024

SIZE	A	B	C	D	E	F	G	H	I	N·m
1/2"	112.5	16	95	64	131	9	F03	F04	37	4~10
3/4"	129.4	20	105	68	131	9	F03	F04	43	4~10
1"	140	26	115	86	169	11	F04	F05	51	5~15
1.25"	156	32	140	86	169	11	F04	F05	61	10~20
1.5"	167	38	150	122.5	213	14	F05	F07	71	10~25
2"	185	50	165	122.5	213	14	F05	F07	79	15~30
2.5"	201	66	185	139.5	213	14	F05	F07	94	20~35
3"	226.3	81	200	165	320	17	F07	F10	109.5	40~65
4"	277.5	100	220	177	320	17	F07	F10	123	40~80
6"	420	150	285	205	490	27	F10	F12	169	60~120



1/2"-4"Encapsulated and ISO mounting pad.
Mounting pad connection size please refer to the standard ISO5211

NO	NAME	NUMBER	MATERIAL
1	Body	1	ASTM-A351-CF8M
2	Cap	4	ASTM-A351-CF8M
3	Bolt	16	SS304
4	Seat	2	PTFE
5	Ball	1	SS316L
6	Stem	1	SS316L
7	Stem packing	4	PTFE
8	Ring	1	PTFE
9	O-Ring	1	VITON
10	Thrust washer	3	PTFE
11	Gasret	1	SS304
12	Hexnut	2	SS304
13	Butterfly spring	2	SS304
14	Hexnut	1	SS304
15	Bellevue washer	1	SS304
16	Butterfly spring	2	SS304
17	Handle	1	SS304
18	Handle nut	1	SS304
19	Lock washer	1	SS304
20	Handle cover	1	PLASTIC

技术参数

规格: 1/2"-4"
材质: 316L/CF8M
适用温度: -4/302°F(-20/150°C)
密封材料: 聚四氟乙烯
压力: 1/2"-2"=1000PSI; 2.5"-4"=800PSI
球表面处理: ID Ra≤0.6μm; OD Ra≤0.6μm
阀体内部处理: 内表面CNC加工, Ra0.6μm
认证: 3A

Technical parameter

Size: 1/2"-4"
Material: 316L/CF8M
Applicable temperature: -4/302°F(-20/150°C)
Sealing material: PTFE
Pressure: 1/2"-2"=1000PSI; 2.5"-4"=800PSI
Ball surface Finish: ID Ra≤0.6μm; OD Ra≤0.6μm
Internal treatment: CNC machining, Ra0.6μm
Certification: 3A

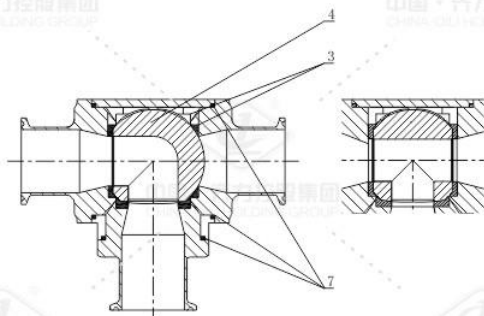
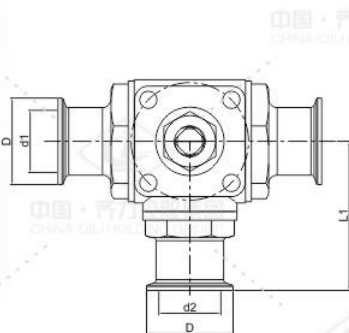
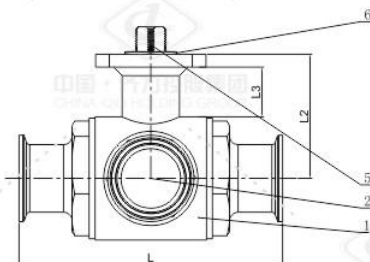
No.QL-025

SIZE	L±0.5	d±0.1	D±0.1		E±0.5	H±5	S±5	G±1	ISO 5211	
			快装 Clamp	焊接 Welding					F03	F04
DN15	106	16/15	34	19/18	53	89	169	9	F03	F04
DN20	106	20/19	34	23/22	53	89	169	9	F03	F04
DN25	160	26/25	50.5	29/28	80	102.0	169	11	F05	F07
DN32	160	32/31	50.5	35/34	80	102.0	213	11	F05	F07
DN40	183	38/37	50.5	41/40	91.5	127	213	14	F05	F07
DN50	216	50/49	64.0	53/52	108	139.0	213	17	F07	F10
DN65	241	66	91.0	70	120.5	165.7	213	17	F07	F10
DN80	279.5	81	106.0	85	139.75	170.0	500	27	F10	F12
DN100	324	100	119.0	104	162	193.0	500	27	F10	F12



手动平台缩径三通球阀L型/T型

Manual platform reducing three-way ball valve L-type/T-type



1"-4" Non-Encapsulated and ISO mounting pad.
Flange connection size please refer to the standard ISO5211

L型

T型

NO	NAME	NUMBER	MATERIAL
1	Body	1	ASTM-A351-CF8M
2	Cap	3	ASTM-A351-CF8M
3	Seat	3	PTFE
4	Ball-T	1	SS316
5	Stem	1	SS316
6	nut	1	SS304
7	Ring	3	PTFE

SIZE	d1	d2	D	L±0.3	L1±0.3	ISO 5211
1"	22.1	22.1	50.5	132	66	F05
1 1/2"	34.8	34.8	50.5	140	70	F05
2"	47.5	47.5	64	216	108	F05
2 1/2"	60.2	60.2	77.5	241	120.5	F07
3"	72.9	72.9	91	279	139.5	F07
4"	97.4	97.4	119	300	150	F07/F10

No.QL-026



中国·齐力控股集团有限公司
CHINA·QILI HOLDING GROUP CO., LTD.
安徽齐力不锈钢制品有限公司
ANHUI QILI STAINLESS STEEL PRODUCTS CO., LTD.
安徽齐力金属制品有限公司
ANHUI QILI METAL PRODUCTS CO., LTD.

中国 CHINA

集团总部: 中国浙江省温州市滨海新区滨海三路3839-1
生产基地: 安徽省怀宁经济技术开发区兴业路1号
锻造冲模基地: 安徽省怀宁经济技术开发区独秀大道32号
电话: +86-577-86990175
传真: +86-577-86990176
邮箱: sales@wzqlqjx.cn
网址: www.cnqlgroup.com www.cnqlstainless.com



小程序/Applets



国内官网/Website

国际 INTERNATIONAL

Headquarters: 3839-1 Binhai 3rd Road, Binhai Development Zone, Wenzhou, Zhejiang Province, China
Mass Production Factory: No. 1 Xingye Road, Huaining Economic Development Zone, Anhui Province
Forging & Punching Factory: No. 32 Duxiu Avenue, Huaining Economic Development Zone, Anhui Province
Tel: +86-577-86990175
Fax: +86-577-86990176
E-mail: sales@wzqlqjx.cn
Http: www.qilistainless.com www.sanitary-valve-fittings.com



国际官网/Website

