

蝶式球阀

Butterfly-type ball valve



应用

- ◆该蝶式球阀使用于任何过程控制的管道和设备上，特别适用于酿酒工业发酵罐上。

Applications

- ◆The butterfly-type ball valve is installed in any to pipeline and equipments for controlling. It is specially used in brewing industry.

操作原理 Operating principles

- ◆无需维护
- ◆比其他的阀门更小更轻
- ◆操纵扭矩小
- ◆可排泄
- ◆垫圈根据FDA 177.2600
- ◆不管流体是何流向，手柄可以安装在侧边的阀体上。
- ◆不管是何种连接方式，阀体都可进行更换，而不会改变阀门的总长度。
- ◆Free maintenance
- ◆Portable and compact
- ◆Small torquemoment
- ◆Drainable
- ◆Gasket complies with FDA 177.2600
- ◆Handle can be installed on the side of the valve body, no matter of the flow direction.
- ◆Valve body can be replaced in any connections. And the length will not change.



材质 Materials

- ◆物料接触部位: AISI304/316L
- ◆垫圈: EPDM(标准)
- ◆球座: PTFE
- ◆内表面Ra0.8 μ m
- ◆内表面: CNC车床加工
- ◆Part contacted with media:AISI304/316L
- ◆Gasket: EPDM(Standard)
- ◆Seal: PTFE
- ◆Inner side polish: Ra0.8 μ m
- ◆Out side polish: CNC lathe machining

技术规范

- ◆最大温度: 121°C(EPDM)
- ◆压力: 10bar

选项 Options

- ◆连接: 螺纹、卡箍、焊接、DIN、SMS、IDF、RJT、FIL
- ◆垫圈: NBR、VITON(FPM)、SILICON FDA 177.2600
- ◆位置传感器手柄, 多定位手柄, 拉杆手柄
- ◆铝制气动执行、不锈钢气动、电动执行器
- ◆智能控制器(C-TOP): AS-I 总线连接、电子连接
- ◆Connection ends:thread,clamp,weld,DIN,SMS,IDF,RJT,FIL
- ◆Gasket:NBR, VITON(FPM), Silicone FDA 177.2600
- ◆Manual: Muti-position handle, Pulling Stainless steel handle
- ◆Pneumatic: Aluminum electric actuator
- ◆Stainless steel electric/pneumatic actuator
- ◆Intelligent C TOP controls:AS-I connection, Electronic connection

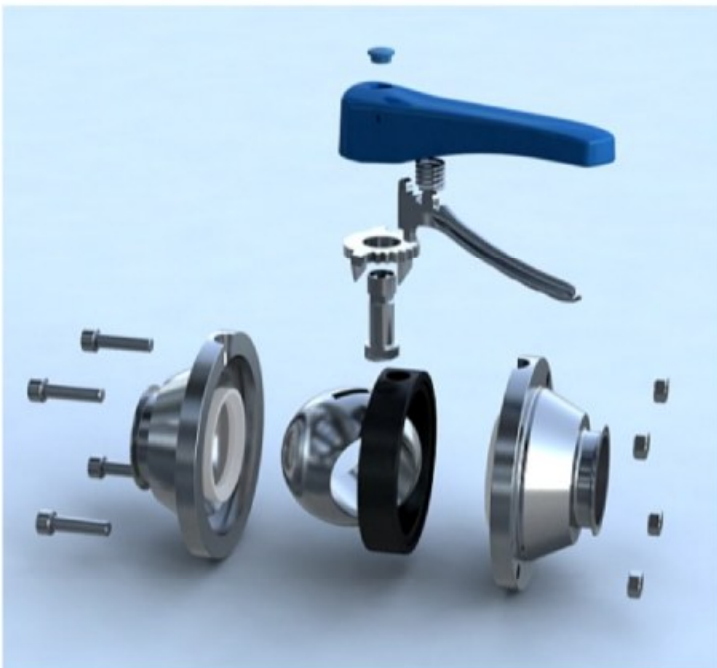
Technical specification

- ◆Max temperature: 121°C(EPDM)
- ◆Pressure: 10bar

蝶式球阀扭矩表, 单位 (N.M)

SIZE	1"-3/4"	DN25/1"	DN32-1 1/4"	DN40/1.5"	DN50/2"	2.5"-DN65	3"	DN80	4"-DN100
扭矩	6	10	12	14	20	40	75	90	110

注意: 选择执行器建议增加20%安全余量



蝶式球阀

Butterfly-type ball valve



气动蝶式球阀
Pneumatic Butterfly-type
Ball Valve



气动蝶式球阀+C-TOP
Pneumatic Butterfly-type
Ball Valve+C-TOP



电动无滞留球阀
Electric stranded ball valve

开关型	Switching type
智能型(4-20mA)	Intelligent(4-20mA)
位置反馈型	Position feedback
电源DC.24V	Power DC.24V



比例调节式球阀
Proportional control type
ball valve



气动蝶式球阀+定位器
Pneumatic Butterfly-type Ball Valve
+Position



CIP清洗口
Wash mouth

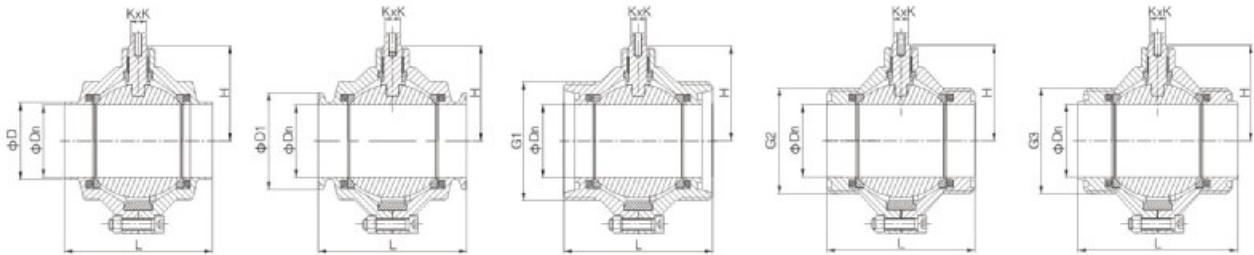
气动蝶式球阀+定位器 Pneumatic butterfly-type ball valve+positioner

SIZE: 1"-4", DN25-DN100
材质: 304/316L
电源: DC 24V
信号输入: 0/4-20mA, 0/5-10V
反馈输出: 4-20mA, 0-10V
防护: IP67

SIZE: 1" to 4", DN25 - DN100
Material: 304/316L
Power supply: DC 24V
Signal input: 0/4-20 mA, 0/5-10V
Output feedback: 4-20 mA, 0 to 10V
Protection: IP67

手动蝶式球阀 Manual butterfly-type ball valve

SIZE: 1"-4", DN25-DN100
工作温度Temperature: -10°C-130°C
工作压力pressure: 10bar



焊接式Welding
NO.VQD100XX

卡箍式Clamp
NO.VQD110XX

螺纹式(DIN)MALE/MALE
NO.DIN-VQD130XX

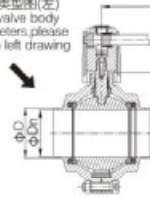
螺纹式(SMS)MALE/MALE
NO.SMS-VQD130XX

螺纹式(RJT)MALE/MALE
NO.RJT-VQD130XX

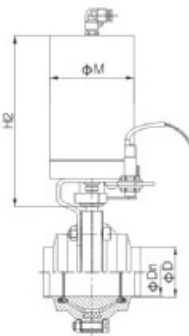
DIN							
SIZE	Dn	D	D1	L	H	K x K	螺纹(DIN) G1
DN10	9.7	13	34	72	40	8 x 8	Rd28 x 1/8"
DN15	16	19	34	72	40	8 x 8	Rd34 x 1/8"
DN20	19	22	34	72	40	8 x 8	Rd44 x 1/8"
DN25	25	28	50.5	72	44.5	8 x 8	Rd52 x 1/6"
DN32	31	34	50.5	83	46.5	8 x 8	Rd58 x 1/6"
DN40	37	40	64	87	55	10 x 10	Rd65 x 1/6"
DN50	49	52	64	101	64	10 x 10	Rd78 x 1/6"
DN65	66	70	91	125	80	11 x 11	Rd95 x 1/6"
DN80	81	85	106	145	93	11 x 11	Rd110 x 1/4"
DN100	97.4	104	119	185	106.5	14 x 14	Rd130 x 1/4"

INCH								
SIZE	Dn	D	D1	L	H	K x K	螺纹(SMS/RJT) G2 G3	
1/2"	9.7	13	25.4	72	40	8 x 8	-	-
3/4"	16.1	19.1	25.4	72	40	8 x 8	Rd36 x 1/8"	-
1"	22.4	25.4	50.5	72	41.5	8 x 8	Rd40 x 1/6"	45.7 x 6TPWHIT
1 1/4"	28.8	31.8	50.5	83	46.5	8 x 8	Rd48 x 1/6"	-
1 1/2"	35.1	38.1	50.5	87	55	10 x 10	Rd60 x 1/6"	58.4 x 6TPWHIT
2"	47.8	50.8	64	101	64	10 x 10	Rd70 x 1/6"	72.7 x 6TPWHIT
2 1/2"	59.5	63.5	77.5	121	75.5	11 x 11	Rd85 x 1/6"	85.4 x 6TPWHIT
3"	72.2	76.2	91	135	85.5	11 x 11	Rd98 x 1/6"	98.1 x 6TPWHIT
4"	97.6	101.6	119	185	106.5	14 x 14	Rd125 x 1/4"	123.5 x 6TPWHIT

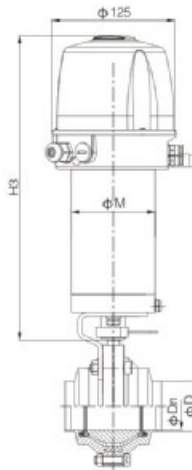
阀体参数请参考
阀体类型图(左)
The valve body
parameters, please
refer to left drawing



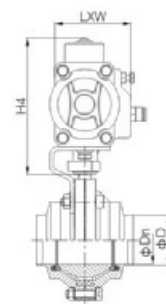
Manual ball valve
NO.VQD100S1



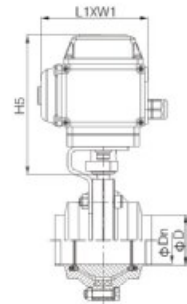
Pneumatic ball Valve
NO.VQD100Q1



Pneumatic ball Valve+C-TOP
NO.VQD101Q1



Aluminum pneumatic ball valve
NO.VQD100Q2



Electric ball valves
NO.VQD100D1

DIN											
SIZE	Dn	D	L1	H1	H2	H3	H4	H5	M	LxW	L1xW1
DN10	9	12	126	43.5	172.5	309	140	141	86	158x71	165x120
DN15	15	18	126	43.5	172.5	309	140	141	86	158x71	165x120
DN20	19	22	126	43.5	172.5	309	140	141	86	158x71	165x120
DN25	25	28	126	43.5	172.5	309	140	141	86	158x71	165x120
DN32	31	34	126	43.5	172.5	309	140	141	86	158x71	165x120
DN40	37	40	133	47.5	172.5	309	157	141	86	158x71	165x120
DN50	49	52	144	47.5	172.5	309	157	141	86	190x81	212x134
DN65	66	70	160	50	248	385	192	184	113	213x98.5	212x134
DN80	81	85	257	52.5	285	422	204	208	133	259x108.5	259x166
DN100	100	104	397	52.5	306	431	230	208	166	259x108.5	259x166

INCH(3A、SMS、ISO/IDF、RJT、DS)											
SIZE	Dn	D	L1	H1	H2	H3	H4	H5	M	LxW	L1xW1
1/2"	9.7	12.7	126	43.5	172.5	309	140	141	86	158x71	165x120
3/4"	16.1	19.1	126	43.5	172.5	309	140	141	86	158x71	165x120
1"	22.4	25.4	126	43.5	172.5	309	140	141	86	158x71	165x120
1 1/4"	28.8	31.8	126	43.5	172.5	309	140	141	86	158x71	165x120
1 1/2"	35.1	38.1	133	47.5	172.5	309	157	141	86	158x71	165x120
2"	47.8	50.8	144	47.5	172.5	309	157	141	86	190x81	165x120
2 1/2"	59.5	63.5	160	50	248	385	192	184	113	207x94	165x120
3"	72.2	76.2	257	52.5	285	422	204	208	133	213x98.5	212x134
4"	97.6	101.6	397	52.5	306	431	230	208	166	259x108.5	259x166