

F30系列 超薄式球阀 法兰式、全口径

F30 series ultra-thin ball valve flange type, full bore

铁野控制阀门(上海)有限公司
YEAH CONTROL VALVE (SHANGHAI) CO., LTD.

可选驱动配置 Optional driver configuration



可手动操作
Operable manually



可蜗轮操作
Operable worm gear



可气动操作
Operable pneumatic



可电动操作
Operable electrically

概述及应用

F30系列高平台对夹球阀,法兰采用螺纹连接方式,此款产品具有结构长度短重量轻、安装方便等特点。适用于空间狭小,高空操作安装困难等工况全口径设计,减少流道空阻力便于流量控制,该产品还可提供线性流道口V型流道口等。

产品特点

- > 执行机构连接采用ISO5211国际标准
- > 全口径结构及锁定装置设计
- > 流通能力强、流阻小、双向密封
- > 阀杆防飞出结构、防火、防静电设计
- > 阀腔带自泄压
- > 阀座带有自洁功能
- > 可选多种执行机构

技术参数 Technical Parameters

公称通径 Nominal diameter	DN15~DN125(1/2"~5")
压力等级 Pressure grade	PN10~PN40
工作温度 Operating temperature	-40℃~425℃
连接方式 Connection	法兰 Flange
密封形式 Sealing	RPTFE UHMWPE PEEK
主要材质 Main materials	碳钢、不锈钢、特种合金 Carbon steel, stainless steel, and special alloy

Overview and Application

The F30 series high platform clamp ball valve adopts a threaded connection method for the flange. This product has the characteristics of short structural length, light weight, and easy installation. Suitable for working conditions such as limited space and difficulty in high-altitude operation and installation, this product features a full bore design to reduce channel air resistance and facilitate flow control. It can also provide linear channel ports, V-shaped channel ports, etc.

Product Features

- The international standard ISO5211 is adopted for the actuator;
- Full-bore structure and lock device design;
- Excellent flow capacity, small flow resistance; and two-way sealing;
- Stem anti-popping structure, fireproof and anti-static design;
- Cavity with self-pressure relief;
- Seat with self-cleaning function;
- Multiple actuators are optional.

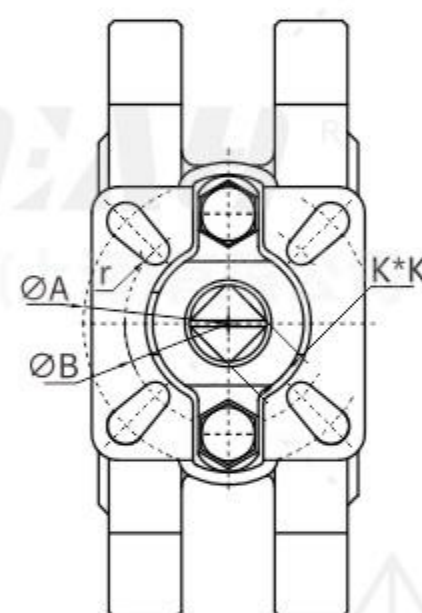
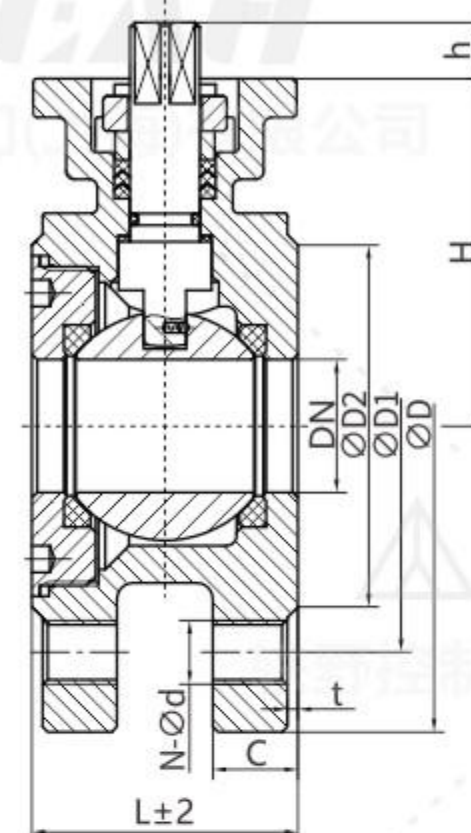
产品认证 Product Certification

TUV IEC61508-SIL3安全
完整性功能认证
TUV ISO15848低泄漏认证
TUV API607防火认证

TUV IEC61508-SIL3 Certification
of safety and integrated functions
TUV ISO15848 Low-leakage
certification
TUV API607 Fireproofing certification



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GB DN15-DN50 PN16-PN40 DN65-DN125 PN16

DN	PN	D	D1	D2	L	N-Φd	C	t	H	h	K*K	B	A
DN15	16-40	95	65	45	44	4-M12	14	2	62	9	9	36	50
DN20	16-40	105	75	58	44	4-M12	16	2	62	9	9	36	50
DN25	16-40	115	85	68	50	4-M12	16	2	68	11	11	42	50
DN32	16-40	140	100	78	60	4-M16	18	2	79	11	11	42	50
DN40	16-40	150	110	88	65	4-M16	18	2	86	14	14	50	70
DN50	16-40	165	125	102	80	4-M16	20	2	87	14	14	50	70
DN65	16	185	145	122	110	4-M16	18	3	114	17	17	70	102
DN80	16	200	160	138	120	8-M16	20	3	133	17	17	70	102
DN100	16	220	180	158	152	8-M16	20	3	140	17	17	70	102
DN125	16	250	210	188	180	8-M16	22	3	171	22	22	102	125

GB DN65-DN125 PN25-PN40

DN	PN	D	D1	D2	L	N-Φd	C	t	H	h	K*K	B	A
DN65	25-40	185	145	122	110	8-M16	22	3	116	17	17	70	102
DN80	25-40	200	160	138	120	8-M16	24	3	133	17	17	70	102
DN100	25-40	235	190	162	152	8-M20	24	3	146	17	17	70	102
DN125	25-40	270	220	188	180	8-M24	26	3	171	22	22	102	125

超薄式球阀CV值

SIZE	DN	开度 Opening					
		20%	30%	50%	70%	80%	100%
1/2"	DN15	0.2	0.7	2.4	8.9	12.3	18
3/4"	DN20	0.5	1.6	5.2	17.6	25.5	36
1"	DN25	0.9	2.2	7.2	23.8	32.9	48
1-1/4"	DN32	1.5	3.9	13.5	46.5	70.7	93
1-1/2"	DN40	2.6	6.7	23.6	83.4	120.3	165
2"	DN50	4.6	9.2	29.5	104.0	156.0	207
2-1/2"	DN65	7.8	20.5	65.8	216.3	330.1	450
3"	DN80	15.2	34.2	106.2	382.4	563.8	780
4"	DN100	28.3	65.9	204.6	682.0	1005.0	1360
5"	DN125	32.1	84.6	254.2	885.3	1258.0	1700