

F20系列 两段式固定球阀 法兰式、全通径

F20 series two section trunnion mounted 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



可大扭矩气动操作
Capable of high torque
pneumatic operation



可大扭矩电动操作
Capable of high torque
electric operation



可气动操作
Operable pneumatic



可电动操作
Operable electrically

概述及应用

F20系列固定球阀, 消化吸收最新国际技术开发出的适合于化工、石化、耐腐蚀等工况的高性能软密封/硬密封球阀产品, 可以适应高压和大口径场合, 广泛应用于石油、化工、天然气、电力、冶金、食品等行业。

Overview and Application

The F20 Series trunnion mounted ball valve is a high-performance soft seal/hard seal ball valve product developed by digesting and absorbing the latest international technology, suitable for chemical, petrochemical, corrosion-resistant and other working conditions. It can adapt to high-pressure and large-diameter applications and is widely used in industries such as petroleum, chemical, natural gas, power, metallurgy, and food.

产品特点

- > 执行机构连接采用ISO5211国际标准
- > 全通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

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.

技术参数 Technical Parameters

公称通径 Nominal diameter	DN200~DN600(8"~24")
压力等级 Pressure grade	PN16~PN25 Class150~Class300
工作温度 Operating temperature	-40°C~425°C
连接方式 Connection	法兰 Flange
密封形式 Sealing	RPTFE UHMWPE PEEK、全金属阀座
主要材质 Main materials	碳钢、不锈钢、特种合金 Carbon steel, stainless steel, and special alloy

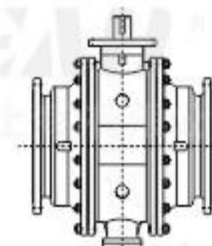
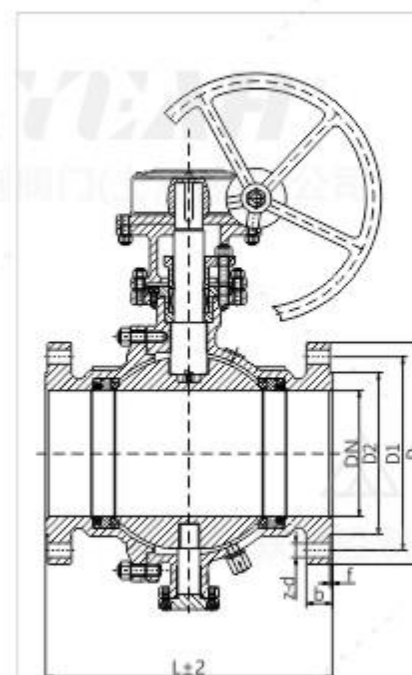
产品认证 Product Certification

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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DN400-DN600 三段式结构
16"-24" Three-stage structure



GB DN200-DN600-PN16

DN	L	D	D1	D2	b	f	z-φd
200	400/457	340	295	268	24	3	12-φ22
250	533	405	355	320	26	3	12-φ26
300	610	460	410	378	28	3	12-φ26
350	686	520	471	438	30	3	16-φ26
400	726	580	525	490	32	3	16-φ30
450	864	640	585	550	40	3	20-φ30
500	914	715	650	610	44	3	20-φ33
600	1067	840	770	725	54	3	20-φ36

GB DN200-DN600-PN25

DN	L	D	D1	D2	b	f	z-φd
200	502	360	310	278	34	3	12-φ25
250	568	425	370	332	36	3	12-φ30
300	648	485	430	390	40	4	16-φ30
350	762	550	490	480	44	4	16-φ34
400	838	610	550	505	48	4	16-φ34
450	864	660	600	555	50	4	20-φ34
500	991	730	660	610	52	4	20-φ41
600	1067	840	770	718	56	5	20-φ41

ASME 8"-24"-150LB

SIZE	L	D	D1	D2	b	f	z-φd
8"	457	343	298.5	270	29	1.6	8-φ22
10"	533	406	362	324	31	1.6	12-φ25
12"	610	483	432	381	32	1.6	12-φ25
14"	686	533	476	413	35	1.6	12-φ29
16"	762	597	540	470	37	1.6	16-φ29
18"	864	635	578	533	40	1.6	16-φ32
20"	914	699	635	584	43	1.6	20-φ32
24"	1067	813	749.5	692	48	1.6	20-φ35

ASME 8"-24"-300LB

SIZE	L	D	D1	D2	b	f	z-φd
8"	502	381	330	270	41.5	1.6	12-φ25
10"	568	445	387.5	324	48	1.6	16-φ29
12"	648	521	451	381	51	1.6	16-φ32
14"	762	584	514.5	413	54	1.6	20-φ32
16"	838	648	571.5	470	58	1.6	20-φ35
18"	914	711	628.5	533	61	1.6	24-φ35
20"	991	775	686	584	64	1.6	24-φ35
24"	1143	914	813	692	70	1.6	24-φ41

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www.yeah-valve.com

yeahvalve@163.com

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