

F25系列 多通道球阀 法兰式、全通径

F25 series multi-channel ball valve flange type, full bore

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

Unit:mm

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

F25系列三通T型、L型球阀，四阀座结构。广泛应用于石油、化工、天然气、电力、冶金、食品以及处理等行业，主要用于换向、合流、分流等工况。

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

技术参数 Technical Parameters

公称通径 Nominal diameter	DN15~DN200(1/2"~8")
压力等级 Pressure grade	PN16 Class150 10K
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
流道形式 Flow	T型、L型、Y型 T-type, L-type, Y-type
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 F25 series three-way T-type valve, L-type valve, and four-seat structure. Extensively applied to petroleum, chemical engineering, natural gas, electric power, metallurgy, food, treatment, and other industries for the working conditions including reversing, confluence, and diversion.

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.

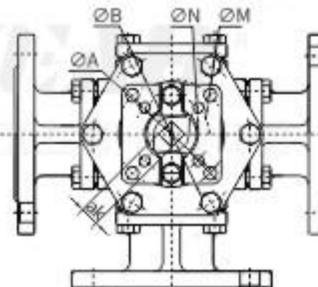
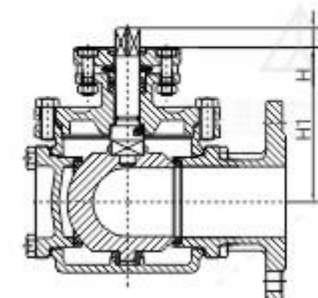
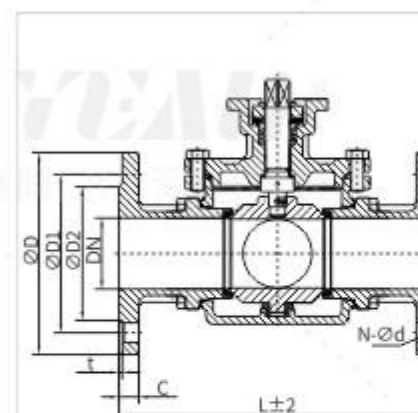
产品认证 Product Certification

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

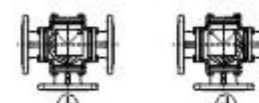
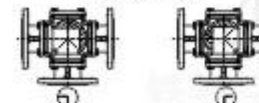
TUV IEC61508-SIL3 Certification
of safety and integrated functions
TUV ISO15848 Low-leakage
certification
TUV API607 Fireproofing certification



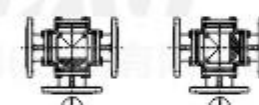
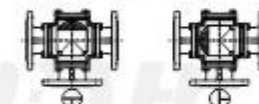
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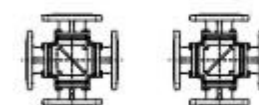
3-Way L-Port



3-Way T-Port



4-Way X-Port



GB DN15-DN50-PN16

SIZE	DN	L	D	D1	D2	t	C	N-Φd	H	H1	aK	A	B	M	N
DN15	15	152	95	65	45	2	16	4-Φ14	11	44	9	42	36	3	3
DN20	20	167	105	75	55	2	18	4-Φ14	11	56.5	9	50	42	3.5	3
DN25	25	190	115	85	65	2	18	4-Φ14	11	64	11	50	42	3.5	3
DN32	32	208	140	100	78	2	18	4-Φ18	14	78	11	70	50	4.5	3.5
DN40	38	230	150	110	85	3	18	4-Φ18	14	96	14	102	70	6	5
DN50	50	254	165	125	100	3	20	4-Φ18	14	100	14	102	70	6	5

ASME 1/2"-2"-150LB

SIZE	DN	L	D	D1	D2	t	C	N-Φd	H	H1	aK	A	B	M	N
1/2"	15	152	90	60.5	35	2	10	4-Φ16	11	44	9	42	36	3	3
3/4"	20	167	100	70	43	2	11	4-Φ16	11	56.5	9	50	42	3.5	3
1"	25	190	110	79.5	51	2	12	4-Φ16	11	64	11	50	42	3.5	3
1 1/4"	32	208	115	89	63.5	2	13	4-Φ16	14	78	11	70	50	4.5	3.5
1 1/2"	38	230	125	98.5	73	2	15	4-Φ16	14	96	14	102	70	6	5
2"	50	254	150	120.5	92	2	16	4-Φ19	14	100	14	102	70	6	5

JIS 15A-50A-10K

SIZE	DN	L	D	D1	D2	t	C	N-Φd	H	H1	aK	A	B	M	N
15A	15	152	95	70	52	1	12	4-Φ15	11	44	9	42	36	3	3
20A	20	167	100	75	58	1	14	4-Φ15	11	56.5	9	50	42	3.5	3
25A	25	190	125	90	70	1	14	4-Φ19	11	64	11	50	42	3.5	3
32A	32	208	135	100	80	2	16	4-Φ19	14	78	11	70	50	4.5	3.5
40A	38	230	140	105	85	2	16	4-Φ19	14	96	14	102	70	6	5
50A	50	257	155	120	100	2	16	4-Φ19	14	100	14	102	70	6	5

GB/ASME

SIZE	DN	L	D	D1	D2	t	C	N-Φd	H	H1	aK	A	B	M	N
2 1/2"	65	275	185	145	122	3	18	4-Φ18	17	124	17	102	70	11	9
3"	80	300	200	160	138	3	20	8-Φ18	23	155	22	125	102	14	12
4"	100	345	220	180	158	3	20	8-Φ18	23	178	22	125	102	14	12
5"	122	420	250	210	188	3	22	8-Φ18	23	203	22	125	102	14	12
6"	147	510	285	240	212	3	22	8-Φ22	37	260	36	140	125	22	18
8"	197	630	340	295	268	3	24	8-Φ22	37	310	36	140	125	22	18