

D40/41/42/43/44/45系列 高性能双偏心蝶阀

D40/41/42/43/44/45 series high-performance double eccentric butterfly valve

轶野控制阀门(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

D40/41/42/43/44/45系列高性能双偏心蝶阀,其结构采用偏心原理设计;被广泛地应用到冶金、电力、石油、化工、空气、煤气、可燃气体以及给排水等腐蚀性介质的管道上,如海水淡化、空分、高中压凝结水、煤气等工况。

产品特点

- > 执行机构安装支架和阀杆连接符合ISO5211标准
- > 纯金属密封, 软密封
- > 填料自动预紧设计, 开关灵敏, 扭矩小
- > 阀座/密封件系统可根据需要现场就地更换检修

主要材质

- > 阀体: 碳钢、不锈钢、合金钢等
- > 阀板: 碳钢、不锈钢、合金钢等

技术参数 Technical Parameters

公称通径 Nominal diameter	DN50~DN700(2"~28")
压力等级 Pressure grade	PN16~PN25 Class150~Class300
工作温度 Operating temperature	-50°C~200°C
连接方式 Connection	对夹、支耳、法兰 Wafer, support lug, and flange

Overview and Application

The D40/41/42/43/44/45 series high-performance double eccentric butterfly valves. It is widely applied to metallurgy, electric power, petroleum, chemical engineering, air, gas, combustible gases, water supply and drainage, and pipelines of corrosive mediums, as well as working conditions such as sea water desalination, air separation, high and medium pressure condensed water, and gas.

Product Features

- The on-off valve mounting bracket and valve stem connection conforms to ISO5211;
- Pure metal seal, Soft seal;
- Automatic packing pre-tightening, sensitive switch, and small torque;
- On-site replacement and inspection is available for the seat/sealing system as needed;

Main material

- Body: carbon steel, stainless steel and alloy steel, etc
- Plate: carbon steel, stainless steel and alloy steel, etc

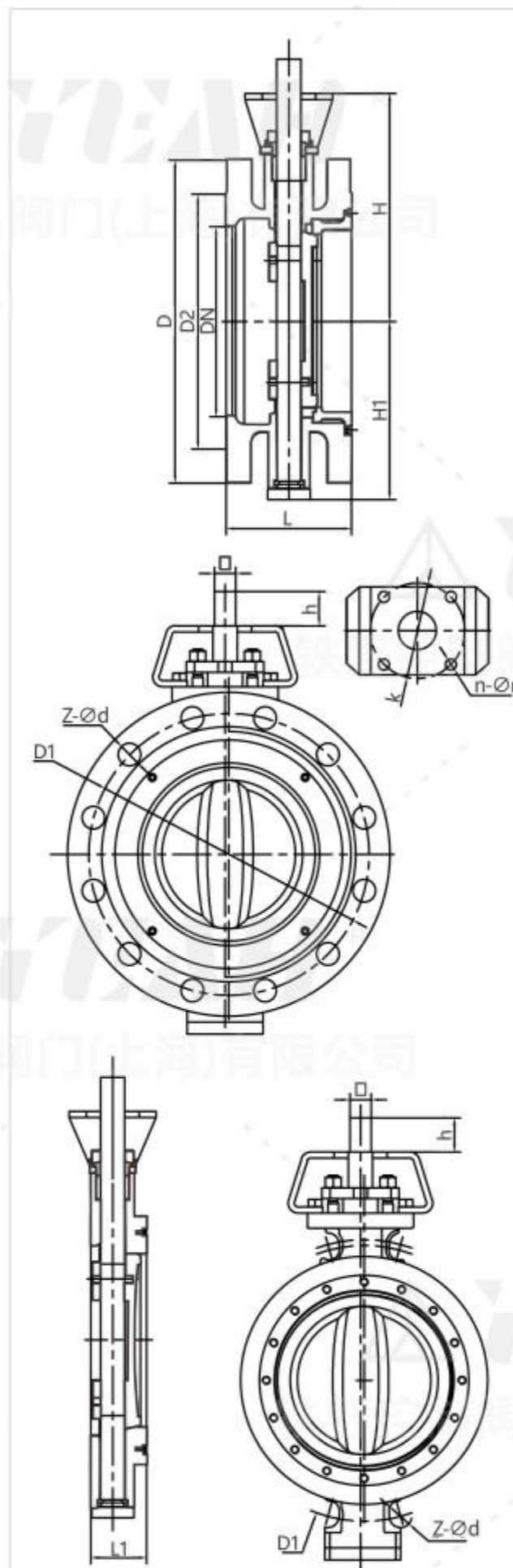
产品认证 Product Certification

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 DN50-DN700-PN16-PN25 ASME 2"-28"-150LB-300LB Unit:mm

规格	结构长度L		连接平台		轴		1.6MPa				2.5MPa				150LB				300LB				高度				
	DN	NPS	L	L1	F	K	n-Φm	□	h	D	D1	D2	z-Φd	D	D1	D2	z-Φd	D	D1	D2	z-Φd	D	D1	D2	z-Φd	H	H1
m	50	2"	108	43	F05	50	4-8	11*11	12	165	125	102	4-18	165	125	102	4-18	150	120.7	92	4-19	165	127	92	8-19	130	86
	65	2½"	112	46	F05	50	4-8	11*11	12	185	145	122	4/8-18	185	145	122	8-18	180	139.7	105	4-19	190	149.2	105	8-22	145	97
	80	3"	114	48	F07	70	4-10	14*14	16	200	160	138	8-18	200	160	138	8-18	190	152.4	127	4-19	210	168.3	127	8-22	167	108
	100	4"	127	53	F07	70	4-10	14*14	16	220	180	158	8-18	235	190	162	8-22	230	190.5	157	8-19	255	200	157	8-22	195	128
	125	5"	140	58	F10	102	4-12	17*17	19	250	210	188	8-18	270	220	188	8-26	255	215.9	186	8-22	280	235	186	8-22	240	145
	150	6"	140	58	F10	102	4-12	19*19	21	285	240	212	8-22	300	250	218	8-26	280	241.3	216	8-22	320	269.9	216	12-22	260	168
	200	8"	152	67	7/1F12	125	4-14	22*22	24	340	295	268	12-22	360	310	278	12-26	345	298.5	270	8-22	380	330.2	270	12-26	290	190
	250	10"	165	74	F12	125	4-14	27*27	29	405	355	320	12-26	425	370	335	12-30	405	362	324	12-26	445	387.4	324	16-29	310	235
	300	12"	178	83	F14	140	4-18	27*27	29	460	410	378	12-26	485	430	395	16-30	485	431.8	381	12-26	520	450.8	381	16-32	380	266
	350	14"	190	92	F14	140	4-18	36*36	38	520	470	438	16-26	555	490	450	16-33	535	476.3	413	12-29	585	514.4	413	20-32	435	300
	400	16"	216	102	F14	140	4-18	36*36	38	580	525	490	16-30	620	550	505	16-36	595	539.8	470	16-29	650	571.5	470	20-35	460	330
	450	18"	222	114	F16	165	4-22	36*36	38	640	585	550	20-30	670	600	555	20-36	635	577.9	533	16-32	710	628.6	533	24-35	485	355
	500	20"	229	127	F16	165	4-22	Φ55	60	715	650	610	20-33	730	660	615	20-36	700	635	584	20-32	775	685.8	584	24-35	520	385
	600	24"	267	154	F20	200	8-18	Φ62	80	840	770	725	20-36	845	770	720	20-39	815	749.3	692	20-35	915	812.8	692	24-42	610	455
	700	28"	292	165	F25	254	8-18	Φ72	90	910	840	795	24-36	960	875	820	24-42	925	863.6	800	28-35	1035	939.8	800	28-45	675	505



操作扭矩及体积流量

阀门通径	1MPa	1.6MPa	2.5MPa	4.0MPa	150LB	300LB	Cv
英寸	扭矩(N.m)	扭矩(N.m)	扭矩(N.m)	扭矩(N.m)	扭矩(N.m)	扭矩(N.m)	流量系数
2"	25	33	45	67	36	91	55
2½"	28	38	49	75	40	98	78
3"	30	41	52	78	44	100	165
4"	44	56	72	108	62	145	400
5"	88	127	170	272	140	375	650
6"	110	150	223	338	162	440	1050
8"	204	264	420	632	285	778	2200
10"	380	508	745	1115	552	1470	3300
12"	555	799	1125	1690	880	2203	5100
14"	853	1152	1816	2680	1287	3232	5800
16"	1233	1830	2915	4260	2030	5580	8000
18"	1895	2712	3660	5300	2980	6610	10500
20"	2440	3349	4976	7240	3505	8960	14000
24"	3930	5437	7729	11260	5718	13955	21600
28"	5173	7315	14203	18520	8222	24300	28000