EICMATION®

规格

设计
双偏心结构设计，小扭力，长寿命，对夹法兰连接，标准EN DIN2632/PN16/PIN40 ASME B16.5 ANSI150/300

操作
手柄90°旋转,10°一卡

连接
对夹/法兰/LUG

阀体长度
DIN3203/K1.(ISO 5752)

压力范围
PN16-PN40:Class150-300

温度范围
R-PTFE: -30°C - +180°C
PEEK: -40°C - +250°C

材料
阀体: WCB / CF8 / CF8M

阀板: WCB / CF8 / CF8M

填料: R-PTFE/PEEK

轴: 17-4PH

密封: R-PTFE/PEEK

手柄: GGG40

选项
电子指示器
加长手柄
手轮装置

Specification

DESIGN
Double eccentric design, low torque, long life, wafer flange connection EN DIN2632/PN16/PIN40 ASME B16.5 ANSI150/300

OPERATION
90 ° rotation of the handle, Each 10°lockable

CONNECTION
Wafer/Flange/LUG

FACE TO FACE LENGTH
DIN 3202/K1.(ISO 5752)

PRESSURE RANGE
PN16-PN40:Class150-300

TEMPER ATURE RANGE
R-PTFE: -30°C - +180°C
PEEK: -40°C - +250°C

MATERIALS
Body: WCB / CF8 / CF8M

Disc: WCB / CF8 / CF8M

Packing: R-PTFE/PEEK

Shaft: 17-4PH

Seal: R-PTFE/PEEK

Handle: GGG40

OPTIONS
Electrical position indicator
Lengthened handle
Handwheel device

型号:
FOA/FQA
手动双偏心蝶阀/ISO5211
平台双偏心蝶阀
150LB/300LB
PN16/PN25/PN40

WCB
CF8
CF8M



Type:
FOA/FQA
Manual double eccentric butterfly valve / ISO5211 platform double eccentric butterfly valve
ANSI 150LB/300LB
DIN PN16/PN25/PN40
WCB
CF8
CF8M

以上信息仅供参考，埃克美迅公司保留修改的权利，恕不另行通知

The above information is for reference only and Eicmation reserves the right to alter without prior notice

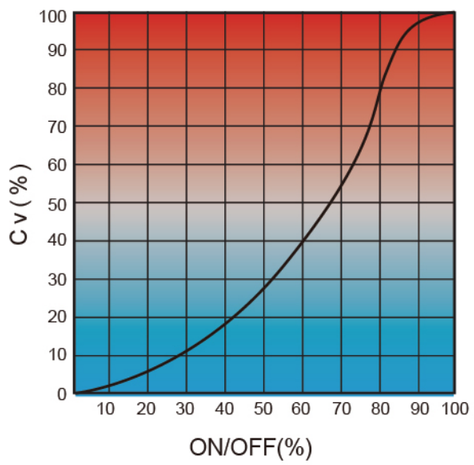
举例说明：比如 FOA4433A25
=双偏心蝶阀/高平台双偏心蝶阀，CF8M/CF8M，R-PTFE，150LB，美标对夹，DN250
蝶阀

1.字符 产品	2+3.字符 阀体/内件	4.字符 密封	5.字符 压力标准	6.字符 连接	7 + 8.字符 口径
FOA=手动双偏心蝶阀 FQA=ISO5211高平台双偏心蝶阀	23=WCB/CF8 33=CF8/CF8 44=CF8M/CF8M	3=R-PTFE 2=PTFE	3=PN16/150LB 4=PN25 5=PN40/300LB	5=对夹 A=美标对夹 L=LUG 5=GB Falnge M=ANSI Flange	18=2" 25=10" 19=21/2" 26=12" 20=3" 27=14" 21=4" 28=16" 22=5" 29=18" 23=6" 30=20" 24=8" 31=24"

Ordering example: e.g. FOA4433A25
= Double Eccentric butterfly valve/High platform double eccentric butterfly valve,CF8M/CF8M,R-PTFE,150LB,ANSI WAFER,DN250
Butterfly valve

A. Type	B+C. Body/Internal	D. Sealing	E. Standard	F. Connection	G + H. Size
FOA=Manual Double Eccentric butterfly valve FQA=ISO5211 platform double eccentric butterfly valve	23=WCB/CF8 33=CF8/CF8 44=CF8M/CF8M	3=R-PTFE 2=PTFE	3=PN16/150LB 4=PN25 5=PN40/300LB	5=WAFER A=ANSI WAFER L=LUG 5=GB Falnge M=ANSI Flange	18=2" 25=10" 19=21/2" 26=12" 20=3" 27=14" 21=4" 28=16" 22=5" 29=18" 23=6" 30=20" 24=8" 31=24"

流量 - 开度 - 图表 / Pressure - Temperature-Diagram



150LB

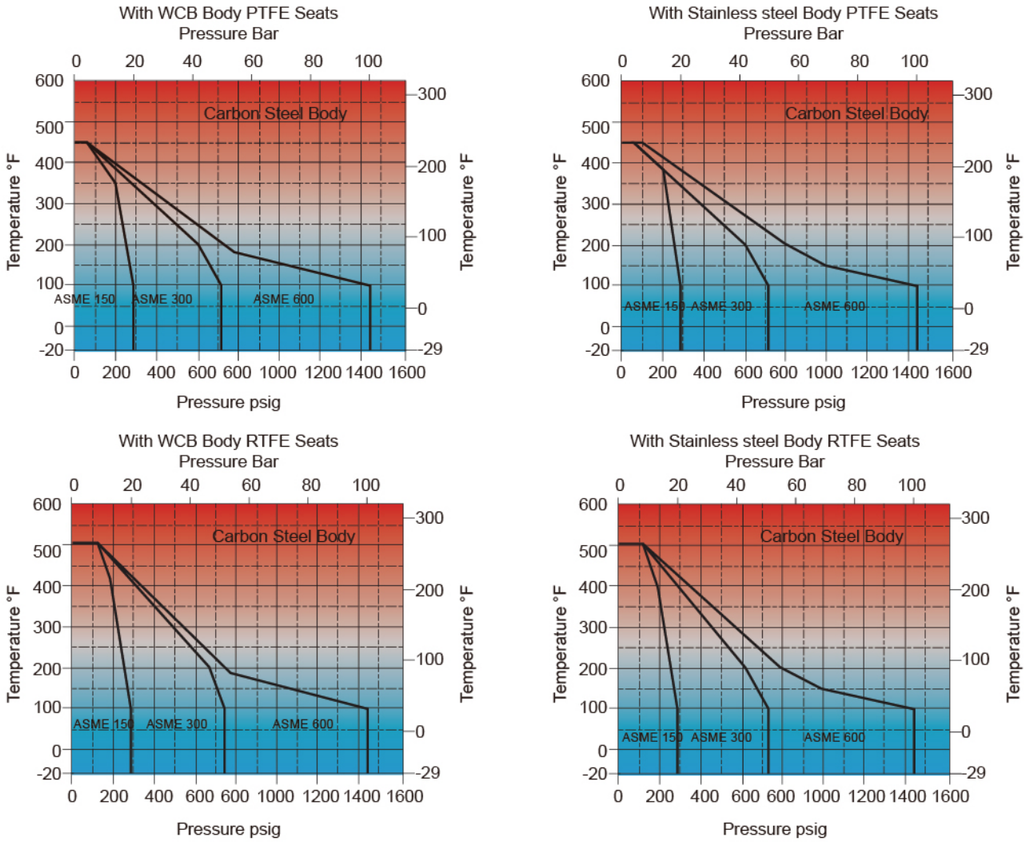
DN	10°	20°	30°	40°	50°	60°	70°	80°	90°
50	2	7	13	20	30	43	72	81	92
65	3	11	21	33	50	71	117	132	150
80	5	18	36	57	86	122	203	230	260
100	9	32	64	101	152	216	360	405	460
125	15	53	106	167	251	357	595	670	760
150	23	81	161	253	380	540	897	1015	1150
200	42	147	295	462	695	987	1640	1850	2100
250	64	225	450	705	1056	1505	2496	2816	3200
300	94	330	660	1035	1551	2210	3666	4136	4700
350	116	406	815	1276	1915	2726	4525	5105	5800
400	160	560	1120	1760	2640	3760	6240	7040	8000
450	210	735	1470	2310	3465	4935	8190	9240	10500
500	280	980	1960	3080	4620	6580	10920	12320	14000
600	420	1470	2940	4620	6930	9870	16380	18480	21000
750	878	1510	3600	6700	8183	12283	18511	25777	31140
900	1263	2260	5430	10200	11851	18165	26296	38060	48440

300LB

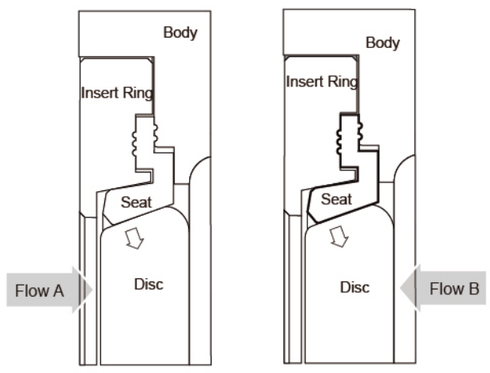
DN	10°	20°	30°	40°	50°	60°	70°	80°	90°
50	2	7	13	20	30	43	72	81	92
65	3	11	21	33	50	71	117	132	150
80	5	18	36	57	86	122	203	230	260
100	9	32	64	101	152	216	360	405	460
125	15	53	106	167	251	357	595	670	760
150	23	81	161	253	380	540	987	1015	1150
200	38	133	266	418	627	895	1485	1675	1900
250	56	196	392	616	925	1316	2185	2465	2800
300	82	287	575	905	1355	1930	3200	3610	4000
350	106	345	650	1054	1807	2630	4225	4863	4100
400	180	420	730	1160	1840	2970	4550	6540	7800
450	194	440	1080	1970	3110	4530	6170	8000	9500
500	260	530	1250	2330	3720	5400	7300	9570	11000
600	280	830	2000	3700	5920	8570	11400	15100	17875
750	295	1345	3278	6075	8560	13770	18900	24400	30708
900	390	1865	4560	9215	14830	22365	29900	38900	48008

Art.FOA/FQA-Series

压力 - 温度 - 图表/Pressure - Temperature-Diagram



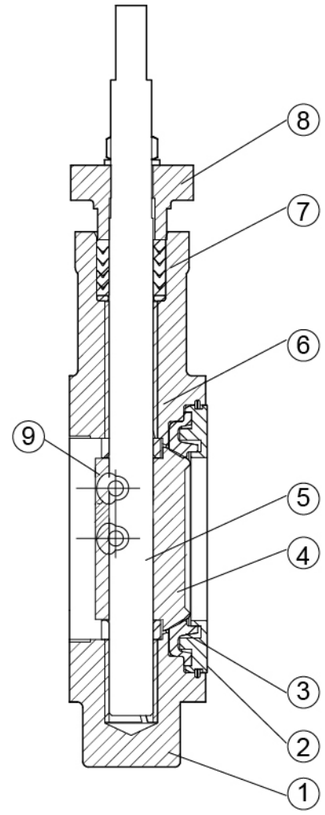
扭矩力表/ Torque meter



A流向为推荐流向
The direction of A is recommended

DN	ASME 150LB Torque（Nm） 17-20 bar		ASME 300LB Torque（Nm） 37-50 bar	
	Flow A	Flow B	Flow A	Flow B
50	21	34	42	58
65	29	49	46	76
80	33	59	49	82
100	47	80	77	139
125	78	146	108	298
150	91	183	133	380
200	154	314	217	487
250	259	549	406	827
300	392	873	616	1132
350	644	1140	990	1993
400	945	1592	1390	2862
450	1225	2402	2339	4410
500	1760	3208	2640	5600
600	2640	3978	3600	8520
750	3750	8398	5637	12780
900	7710	12250	8130	13600

零件说明/Parts list



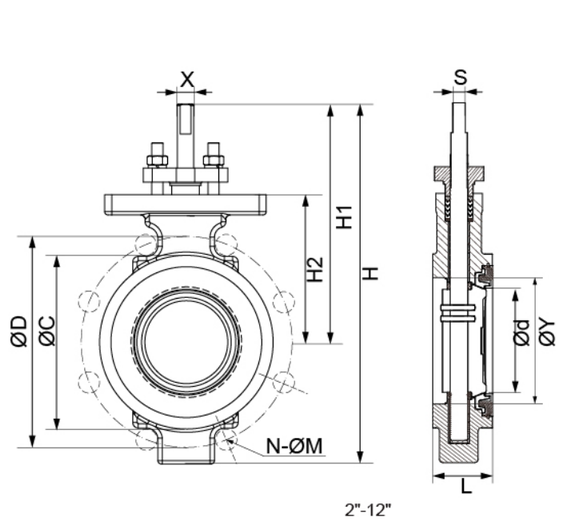
NO.	部件名称	材料
1	阀体	WCB
		CF8
		CF8M
2	嵌件	WCB
		CF8
		CF8M
3	阀座	R-PTFE
		PEEK
4	蝶板	CF8
		CF8M
5	阀杆	17-4PH
6	轴套	F316+RPTFE
7	填料	R-PTFE
		PEEK
8	压盖	WCB
		CF8
		CF8M
9	楔销	17-4PH

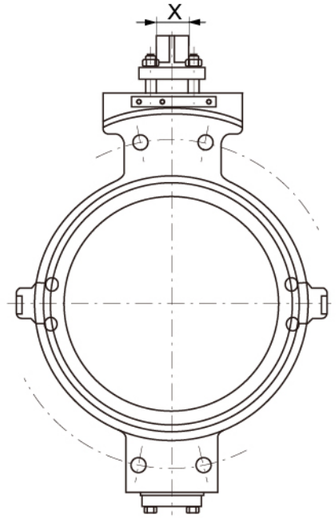
NO.	Description	Material
1	Body	WCB
		CF8
		CF8M
2	Insert	WCB
		CF8
		CF8M
3	Seat	R-PTFE
		PEEK
4	Disc	CF8
		CF8M
5	Stem	17-4PH
6	Bushing	F316+RPTFE
7	Packing	RPTFE
		PEEK
8	Gland	Carbon WCB
		CF8
		CF8M
9	Wedge pin	17-4PH

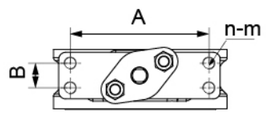
Art.FOA/FQA-Series

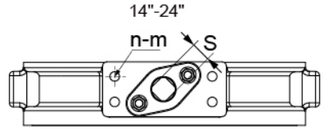
尺寸/Dimension

WAFER 150LB/PN16









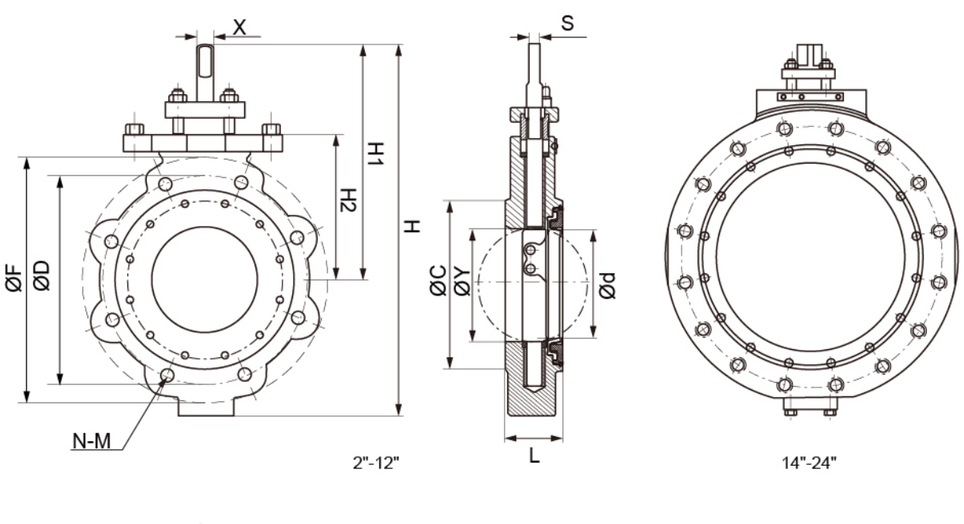
SIZE	DN	Ød	L	ØC	H1	H2	H	S	X	ØY	A	B	n-m	ØD		N-ØM	
														PN16	150LB	PN16	150LB
2"	50	38	43.3	96	124	80	186.3	7	24	50	125.5	22.4	4-M10	125	120.7	4-Ø18	4-Ø19
21/2"	65	59	49	119	194	111	275	11	16	48	125.5	22.4	4-M10	145	139.7	8-Ø18	4-Ø19
3"	80	73	49	132	203	121	316	11	16	74	125.5	22.4	4-M10	160	152.4	8-Ø18	4-Ø19
4"	100	95	54	157	216	133	341	11	16	97	125.5	22.4	4-M10	180	190.5	8-Ø18	8-Ø19
5"	125	111	64	186	217	135	362	11	16	111	125.5	22.4	4-M10	210	215.9	8-Ø18	8-Ø19
6"	150	142	57	216	235	152	384	13	19	146	125.5	22.4	4-M10	240	241.3	8-Ø22	8-Ø22
8"	200	188	64	270	270	187	464	16	22	194	125.5	22.4	4-M10	295	298.5	12-Ø22	8-Ø22
10"	250	236	71	324	325	232	560	21	29	243	142.8	37.4	4-M12	355	362	12-Ø26	12-Ø26
12"	300	282	81	381	359	260	632	24	35	289	142.7	37.3	4-M12	410	431.8	12-Ø26	12-Ø26
14"	350	314	92	413	394	309	705	29	41	318	141.3	37.4	4-M16	470	476.3	16-Ø26	12-Ø29
16"	400	363	102	470	421	332	742	41	48	365	203.2	82.6	4-M16	525	539.8	16-Ø30	16-Ø29
18"	450	414	114	533	449	356	802	41	54	416	203.2	82.6	4-M16	585	577.9	20-Ø30	16-Ø32
20"	500	456	127	584	467	378	842	41	60	454	203.2	82.6	4-M16	650	635	20-Ø33	20-Ø32
24"	600	549	154	692	607	490	1161	51	70	542	254	107.7	4-M20	770	749.3	20-Ø36	20-Ø35

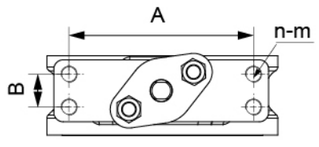
注：2"-14"轴为扁型轴。
Note: 2 "-14" axis is a flat axis.

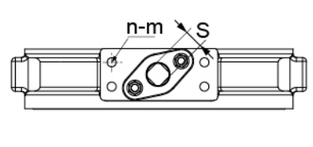
尺寸/Dimension

LUG 150LB/PN16

EICMATION®





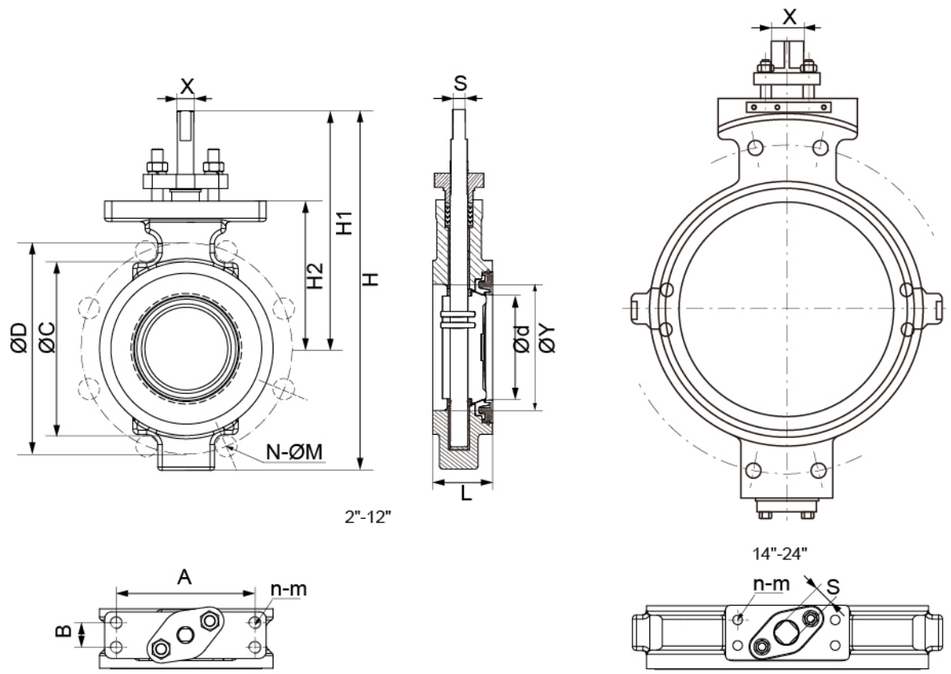


DN	Ød	L	ØC	H1	H2	H	S	X	ØY	F	A	B	n-m	ØD		N-M	
														PN16	150LB	PN16	150LB
50	38	43.3	82	124	80	186.3	7	24	50	117	125.5	22.4	4-M10	125	120.7	4-M16	4-M16
65	59	49	105	194	111	275	11	16	48	178	125.5	22.4	4-M10	140	139.7	8-M16	4-M16
80	73	49	132	203	121	316	11	16	74	191	125.5	22.4	4-M10	160	152.4	8-M16	4-M16
100	95	54	157	216	133	341	11	16	97	229	125.5	22.4	4-M10	180	190.5	8-M16	8-M16
125	111	64	186	217	135	341	11	16	111	264	125.5	22.4	4-M10	210	215.9	8-M16	8-M16
150	142	57	216	235	152	384	13	19	146	279	125.5	22.4	4-M10	240	241.3	8-M20	8-M20
200	188	64	270	270	187	464	16	22	194	343	125.5	22.4	4-M10	295	298.5	12-M20	8-M20
250	236	71	324	325	232	560	21	29	243	406	142.8	37.4	4-M12	355	362	12-M24	12-M22
300	282	81	381	359	260	632	24	35	289	483	142.7	37.3	4-M12	410	431.8	12-M24	12-M22
350	314	92	413	394	309	705	24	41	318	533	141.3	37.4	4-M16	470	476.3	16-M24	12-M27
400	363	102	470	421	332	742	41	48	365	597	203.2	82.6	4-M16	525	539.8	16-M27	16-M27
450	414	114	533	449	356	802	41	54	416	635	203.2	82.6	4-M16	585	577.9	20-M27	16-M30
500	456	127	584	467	378	842	41	60	454	699	203.2	82.6	4-M16	650	635	20-M30	20-M30
600	549	154	692	607	490	1161	51	70	542	813	254	107.7	4-M20	770	749.3	20-M33	20-M33

注： 2"-14"轴为扁型轴。
螺栓孔有UN系列可选，详请咨询埃克美迅技术部。
Note: 2 "-14" axis is a flat axis.
Bolt holes are availiable in UN series, please consult Eicmation technical department for details.

尺寸/Dimension

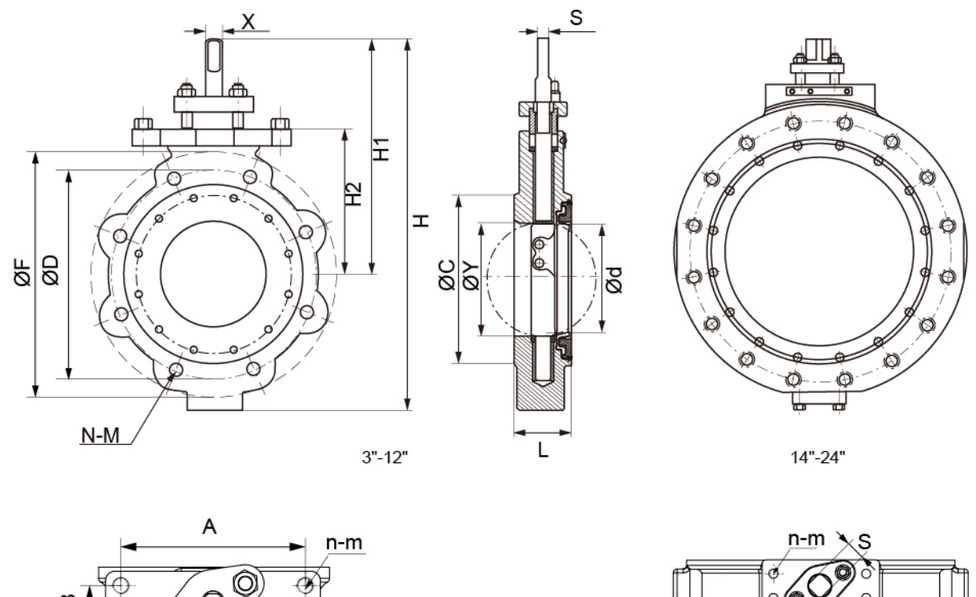
WAFER 300LB/PN25/PN40



SIZE	DN	Ød	L	ØC	H1	H2	H	S	X	ØY	A	B	n-m	ØD			N-ØM		
														PN25	PN40	300LB	PN25	PN40	300LB
2"	50	38	43.3	96	124	80	186.3	7	24	50	125.5	22.4	4-M10	125	125	127	4-Ø18	4-Ø18	8-Ø18
21/2"	65	59	49	119	194	111	275	11.2	14.8	48	125.5	22.4	4-M10	145	145	149.2	8-Ø18	8-Ø18	8-Ø22
3"	80	73	49	132	203	121	316	11	16	74	125.5	22.4	4-M10	160	160	168.3	8-Ø18	8-Ø18	8-Ø22
4"	100	95	54	157	216	133	341	11	16	97	125.5	22.4	4-M10	190	190	200	8-Ø22	8-Ø22	8-Ø22
5"	125	111	64	186	217	135	326	11.2	14.8	111	125.5	22.4	4-M10	220	220	235	8-Ø26	8-Ø26	8-Ø22
6"	150	142	59	216	257	175	413	16	22	146	125.5	22.4	4-M10	250	250	269.9	8-Ø26	8-Ø26	12-Ø22
8"	200	188	73	270	306	213	495	21	29	194	142.7	37.3	4-M12	310	320	330.2	12-Ø26	12-Ø30	12-Ø26
10"	250	236	83	324	353	254	592	24	35	243	142.7	37.3	4-M12	370	385	387.4	12-Ø30	12-Ø33	16-Ø30
12"	300	282	92	381	389	283	675	29	41	289	142.7	37.3	4-M12	430	450	450.8	16-Ø30	16-Ø33	16-Ø33
14"	350	314	117	413	417	325	730	41	54	298	203.2	82.6	4-M16	490	510	514.4	16-Ø33	16-Ø36	20-Ø33
16"	400	363	133	470	440	351	781	41	54	346	203.2	82.6	4-M16	550	585	571.5	16-Ø36	16-Ø39	20-Ø36
18"	450	414	149	533	542	424	960	51	70	392	254	82.6	4-M20	600	610	628.6	20-Ø36	20-Ø39	24-Ø36
20"	500	456	162	584	574	447	1015	51	89	433	254	82.6	4-M20	660	670	685.8	20-Ø36	20-Ø42	24-Ø36
24"	600	549	184	692	634	501	1141	51	102	524	254	82.6	4-M20	770	795	812.8	20-Ø39	20-Ø48	24-Ø42

尺寸/Dimension

LUG 300LB/PN25/PN40



SIZE	DN	Ød	L	ØC	H1	H2	H	S	X	ØY	F	A	B	n-m	ØD			N-ØM		
															PN25	PN40	300LB	PN25	PN40	300LB
3"	80	73	49	132	203	121	316	11	16	74	207	125.5	22.4	4-M10	160	160	168.3	8-M16	8-M16	8-M20
4"	100	95	54	157	216	133	341	11	16	97	238	125.5	22.4	4-M10	190	190	200	8-M20	8-M20	8-M20
5"	125	111	64	186	235	153	362	13	14.8	111	279	125.5	22.4	4-M10	220	220	235	8-M24	8-M24	8-M20
6"	150	142	59	216	257	175	413	16	22	146	308	125.5	22.4	4-M10	250	250	269.9	8-M24	8-M24	12-M20
8"	200	188	73	270	306	213	495	21	29	194	381	142.7	37.3	4-M12	310	320	330.2	12-M24	12-M27	12-M22
10"	250	236	83	324	353	254	592	24	35	243	445	142.7	37.3	4-M12	370	385	387.4	12-M27	12-M30	16-M27
12"	300	282	92	381	389	283	675	29	41	289	514	142.7	37.3	4-M12	430	450	450.8	16-M27	16-M30	16-M30
14"	350	314	117	413	417	325	730	41	54	298	584	203.2	82.6	4-M16	490	510	514.4	16-M30	16-M33	20-M30
16"	400	363	133	470	440	351	781	41	54	346	648	203.2	82.6	4-M16	550	585	571.5	16-M33	16-M36	20-M33
18"	450	414	149	533	542	424	960	51	70	392	711	254	82.6	4-M20	600	610	628.6	20-M33	20-M36	24-M33
20"	500	456	162	584	574	447	1015	51	89	433	775	254	82.6	4-M20	660	670	685.8	20-M33	20-M39	24-M33
24"	600	549	184	692	634	501	1141	51	102	524	914	254	82.6	4-M20	770	795	812.8	20-M36	20-M45	24-M39

注： 3"-14"轴为扁型轴。
螺栓孔有UN系列可选，详请咨询埃克美迅技术部。
Note: 3 "-14" axis is a flat axis.
Bolt holes are availiable in UN series, please consult Eicmation technical department for details.

Art.FOA/FQA-Series

EICMATION®

规格

设计
双偏心结构设计，小扭力，长寿命，对夹法兰连接，标准EN DIN2632/PN16/PIN40 ASME B16.5 ANSI150/300

操作
气动双作用或单作用

连接
对夹/法兰/LUG

阀体长度
DIN3203/K1.(ISO 5752)

压力范围
PN16-PN40: Class150-300

温度范围
R-PTFE: -30°C - +180°C
PPL: -30°C - +250°C

材料
阀体: WCB / CF8 / CF8M

阀板: WCB / CF8 / CF8M

填料: R-PTFE/PEEK

轴: 17-4PH

密封: R-PTFE/PEEK

手柄: GGG40

环境温度
-20°C - +70°C

气源介质
过滤后气体(除油、灰和水)

选项
两位三通或两位五通阀，限位开关，定位器，过滤减压器，手动离合器

更多规范请根据蝶阀(FOA/FQA)和执行器(PA)数据表

以上信息仅供参考，埃克美迅公司保留修改的权利，恕不另行通知

Specification

DESIGN
Double eccentric design, low torque, long life, wafer flange connection, the standard EN DIN2632/PN16/PIN40 ASME B16.5 ANSI150/300

OPERATION
Pneumatic double-acting or single-acting

CONNECTION
Wafer/Flange/LUG

FACE TO FACE LENGTH
DIN 3202/K1.(ISO 5752)

PRESSURE RANGE
PN16-PN40: Class150-300

TEMPER ATURE RANGE
R-PTFE: -30°C - +180°C
PPL: -30°C - +250°C

MATERIALS
Body: WCB / CF8 / CF8M

Disc: WCB / CF8 / CF8M

Packing: R-PTFE/PEEK

Shaft: 17-4PH

Seal: R-PTFE/PEEK

Handle: GGG40

EXTERNAL TEMPERATURE RANGE
-20°C - +70°C

PILOT MEDIA
Filtered gases (oil, ash and water removal)

OPTIONS
3/2-ways or 5/2-ways valve,limit switch, positioner,filter reducer,manual clutch

For further specifications please refer to the butterfly valve (FOA/FQA) and actuator (PA) data sheet

The above information is for reference only and Eicmation reserves the right to alter without prior notice

型号:
FQA-PA
气动双偏心蝶阀
150LB/300LB
PN16/PN25/PN40

WCB
CF8
CF8M



Type:
FQA-PA
Pneumatic double eccentric butterfly valve
150LB/300LB
PN16/PN25/PN40

WCB
CF8
CF8M

举例说明： 比如 FQA4433A25-PA1114110
=双偏心蝶阀, CF8M/CF8M, R-PTFE, 150LB, 美标对夹, DN250, 气动执行器, 双作用, 阳极氧化铝, Ø63mm, NBR, 齿轮, 0°-90°

蝶阀

1.字符 产品	2+3.字符 阀体/内件	4.字符 密封	5.字符 压力标准	6.字符 连接	7 + 8.字符 口径
FQA=高平台双偏心蝶阀	23=WCB/CF8 33=CF8/CF8 44=CF8M/CF8M	3=R-PTFE 5=PPL	3=PN16/150LB 4=PN25 5=PN40/300LB	5=对夹 A=美标对夹 L=LUG 5=GB Falnge M=ANSI Flange	18=2" 25=10" 19=21/2" 26=12" 20=3" 27=14" 21=4" 28=16" 22=5" 29=18" 23=6" 30=20" 24=8" 31=24"

执行器

9.字符 产品	10.字符 功能	11.字符 材质	12 + 13.字符 规格	14.字符 密封	15.字符 结构	16.字符 行程
PA=气动执行器	1=双作用 2=单作用常闭 3=单作用常开	1=铝合金 2=不锈钢	13=Ø52 22=Ø190 14=Ø63 23=Ø210 15=Ø75 24=Ø240 16=Ø83 25=Ø270 17=Ø92 26=Ø300 18=Ø105 27=Ø350 19=Ø125 28=Ø400 20=Ø140 21=Ø160	1=NBR 2=HNBR 3=FKM	1=齿轮	0=0-90° 1=0-120° 2=0-135° 3=0-150° 4=0-180° 5=0-270°

Ordering example: e.g. FQA4433A25-PA1114110
= Double Eccentric butterfly valve, CF8M/CF8M, R-PTFE, 150LB,ANSI WAFER, DN250, Pneumatic actuator, Double action, Anodsing aluminium, Ø63mm, NBR, Gear, 0°-90°

Butterfly valve

A. Type	B+C. Body/Internal	D. Sealing	E. Pressure	F. Connection	G + H. Size
FQA=High platform double eccentric butterfly valve	23=WCB/CF8 33=CF8/CF8 44=CF8M/CF8M	3=R-PTFE 5=PPL	3=PN16/150LB 4=PN25 5=PN40/300LB	5=WAFER A=ANSI WAFER L=LUG 5=GB Falnge M=ANSI Flange	18=2" 25=10" 19=21/2" 26=12" 20=3" 27=14" 21=4" 28=16" 22=5" 29=18" 23=6" 30=20" 24=8" 31=24"

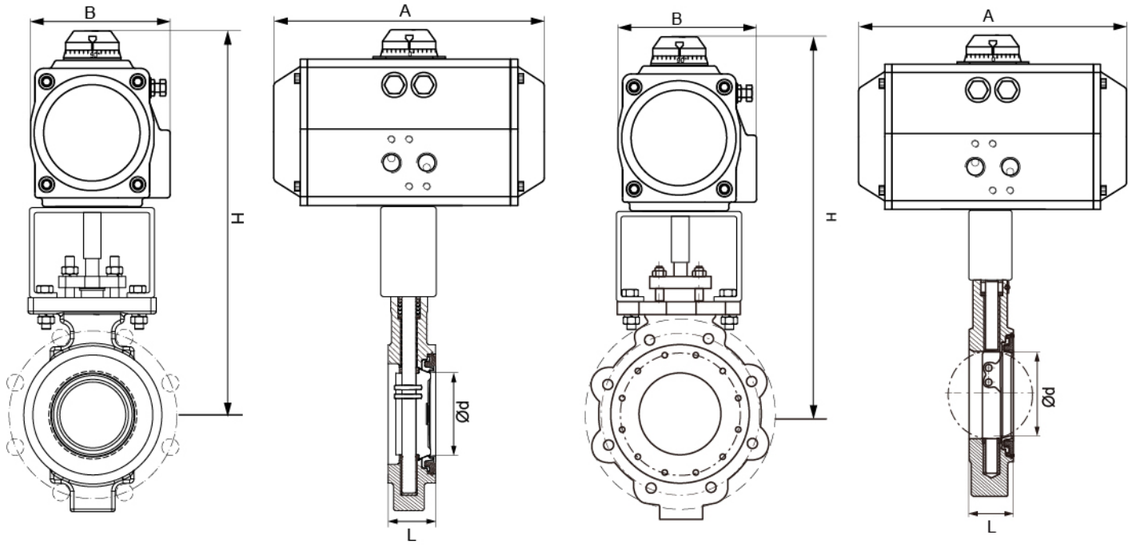
Actuator

I. Type	J. Fail position	K. Material	L + M. Size	N. Seal	O. Structure	P. Stroke
PA=Pneumatic actuator	1=Double action 2=Single action-close 3=Single action-open	1=Aluminium alloy 2=Stainless steel	13=Ø52 22=Ø190 14=Ø63 23=Ø210 15=Ø75 24=Ø240 16=Ø83 25=Ø270 17=Ø92 26=Ø300 18=Ø105 27=Ø350 19=Ø125 28=Ø400 20=Ø140 21=Ø160	1=NBR 2=HNBR 3=FKM	1=Pinion and rack	0=0-90° 1=0-120° 2=0-135° 3=0-150° 4=0-180° 5=0-270°

Art.FOA/FQA-Series

尺寸/Dimension

150LB/PN16



WAFER 2"-24"　　LUG 2"-24"

SIZE	DN	Ød	L	Actuator		A	B	H
				Model	Specification			
2"	50	38	43.3	PA1114110	Ø63	172	83	292.3
				PA2115110	Ø75	184	95	304.3
21/2"	65	59	49	PA1115110	Ø75	184	95	374
				PA2116110	Ø83	204	103	383
3"	80	73	49	PA1115110	Ø75	184	95	383
				PA2117110	Ø92	262	109	400
4"	100	95	54	PA1116110	Ø83	204	103	405
				PA2118110	Ø105	268	121	429
5"	125	111	64	PA1117110	Ø92	262	109	414
				PA2119110	Ø125	301	143	452
6"	150	142	57	PA1118110	Ø105	268	121	448
				PA2120110	Ø140	394	152	498
8"	200	188	64	PA1119110	Ø125	301	143	505
				PA2121110	Ø160	458	174	548
10"	250	236	71	PA1120110	Ø140	394	152	588
				PA2121110	Ø160	458	174	603
12"	300	282	81	PA1121110	Ø160	458	174	637
				PA2122110	Ø190	528	206	671
14"	350	314	92	PA1122110	Ø190	528	206	706
				PA2123110	Ø210	532	226	731
16"	400	363	102	PA1123110	Ø210	532	226	758
				PA2124110	Ø240	660	260	792
18"	450	414	114	PA1124110	Ø240	660	260	820
				PA2125110	Ø270	740	294	859
20"	500	456	127	PA1124110	Ø240	660	260	838
				PA2126110	Ø300	798	336	901
24"	600	549	154	PA1125110	Ø270	740	294	1017
				PA2127110	Ø350	880	385	1095

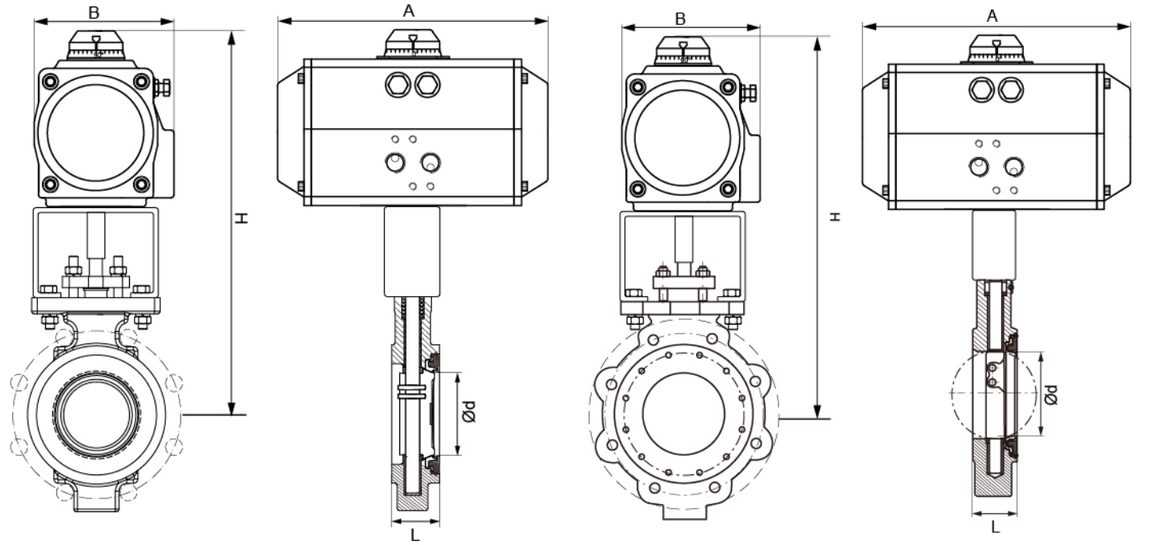
注：阀体详细数据请详见FOA/FQA 双偏心蝶阀。
以上为常规工况执行器配置尺寸，
如特殊工况的执行器配置详询埃克美迅技术部。

Note:Details please refer to FOA/FQA Double Eccentric butterfly valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

尺寸/Dimension

300LB/PN25/PN40

EICMATION®



WAFER 2"-24"　　LUG 3"-24"

SIZE	DN	Ød	L	Actuator		A	B	H
				Model	Specification			
2"	50	38	43.3	PA1115110	Ø75	184	95	304.3
				PA2117110	Ø92	262	109	321.3
21/2"	65	59	49	PA1116110	Ø83	204	103	383
				PA2117110	Ø92	262	109	391
3"	80	73	49	PA1116110	Ø83	204	103	392
				PA2118110	Ø105	268	121	416
4"	100	95	54	PA1117110	Ø92	262	109	413
				PA2119110	Ø125	301	143	451
5"	125	111	64	PA1118110	Ø105	268	121	430
				PA2120110	Ø140	394	152	370
6"	150	142	59	PA1119110	Ø125	301	143	492
				PA2120110	Ø140	394	152	510
8"	200	188	73	PA1120110	Ø140	394	152	559
				PA2122110	Ø190	528	206	618
10"	250	236	83	PA1121110	Ø160	458	174	631
				PA2123110	Ø210	532	226	700
12"	300	282	92	PA1122110	Ø190	528	206	701
				PA2124110	Ø240	660	260	760
14"	350	314	117	PA1124110	Ø240	660	260	788
				PA2125110	Ø270	740	336	827
16"	400	363	133	PA1125110	Ø270	740	294	850
				PA2126110	Ø300	798	336	874
18"	450	414	149	PA1125110	Ø270	740	294	952
				PA2127110	Ø350	880	385	1030
20"	500	456	162	PA1126110	Ø300	798	336	1008
				PA2128110	Ø400	950	516	1118
24"	600	549	184	PA1127110	Ø350	880	385	1122
				PA2128110	Ø400	950	516	1178

注：阀体详细数据请详见FOA/FQA 双偏心蝶阀。
以上为常规工况执行器配置尺寸，
如特殊工况的执行器配置详询埃克美迅技术部。

Note:Details please refer to FOA/FQA Double Eccentric butterfly valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

EICMATION®

规格

设计
双偏心结构设计，小扭力，长寿命，对夹法兰连接，标准EN DIN2632/PN16/PIN40 ASME B16.5 ANSI150/300

操作
电动含手动操作

连接
对夹/法兰/LUG

阀体长度
DIN3203/K1.(ISO 5752)

压力范围
PN16-PN40:Class150-300

温度范围
R-PTFE: -30°C - +180°C
PPL: -30°C - +250°C

材料
阀体: WCB / CF8 / CF8M

阀板: WCB / CF8 / CF8M

填料: R-PTFE/PEEK

轴: 17-4PH

密封: R-PTFE/PEEK

手柄: GGG40

环境温度
-20°C - +70°C

可选电压
24V DC,24V AC,110V AC,220V AC,380V AC

防护
IP 67

标准设备
限位开关物理指示器手动控制, 开关型+干接点

选项
电位计调节型4-20mA
Exd IIB T4 更多要求请咨询

更多规范请根据蝶阀(FOA/FQA)和执行器(PA)数据表

以上信息仅供参考，埃克美迅公司保留修改的权利，恕不另行通知

Specification

DESIGN
Double eccentric design, low torque, long life, wafer flange connection
EN DIN2632/PN16/PIN40 ASME B16.5 ANSI150/300

OPERATION
Electric with handle operation

CONNECTION
Wafer/Flange/LUG

FACE TO FACE LENGTH
DIN 3202/K1.(ISO 5752)

PRESSURE RANGE
PN16-PN40:Class150-300

TEMPER ATURE RANGE
R-PTFE: -30°C - +180°C
PPL: -30°C - +250°C

MATERIALS
Body: WCB / CF8 / CF8M

Disc: WCB / CF8 / CF8M

Packing: R-PTFE/PEEK

Shaft: 17-4PH

Seal: R-PTFE/PEEK

Handle: GGG40

EXTERNAL TEMPERATURE RANGE
-20°C - +70°C

OPTIONAL VOLTAGE
24V DC,24V AC,110V AC,220V AC,380V AC

PROTECTION
IP 67

STANDARD EQUIPMENT
Additional limit switches, optical position indicator, manual override, On/Off+Limit switch

OPTIONS
Potentiometer modulate type 4-20mA
Exd IIB T4 for more requests please contact us

For further specifications please refer to the butterfly valve (FOA/FQA) and actuator (PA) data sheet

The above information is for reference only and Eicmation reserves the right to alter without prior notice

型号:
FQA-KL
电动双偏心蝶阀
150LB/300LB
PN16/PN25/PN40

WCB
CF8
CF8M



Type:
FQA-KL
Electric double eccentric butterfly valve
150LB/300LB
PN16/PN25/PN40

WCB
CF8
CF8M

举例说明：比如 FQA4433A25-KL411111

=双偏心蝶阀, CF8M/CF8M, R-PTFE, 150LB, 美标对夹, DN250, 电动执行器50Nm，220VAC，防护等级IP67，开关+干接点

蝶阀

1.字符 产品	2+3.字符 阀体/内件	4.字符 密封	5.字符 压力标准	6.字符 连接	7 + 8.字符 口径
FQA=高平台双偏心蝶阀	23=WCB/CF8 33=CF8/CF8 44=CF8M/CF8M	3=R-PTFE 5=PPL	3=PN16/150LB 4=PN25 5=PN40/300LB	5=德标对夹 A=美标对夹 L=德标LUG 5=GB Falnge M=ANSI Flange	18=2" 25=10" 19=21/2" 26=12" 20=3" 27=14" 21=4" 28=16" 22=5" 29=18" 23=6" 30=20" 24=8" 31=24"

执行器

9.字符 产品	10.字符 电压	11.字符 防护等级	12+13.字符 扭矩（NM）	14.字符 附件	15.字符 备用
KL=基本型角行程电动执行器	1=24V DC 2=24V AC 3=110V AC 4=220V AC 5=380V AC	1=IP67 2=IP68 3=Exd II BT4 （50-600NM）	11=50 13=100 15=200 17=400 19=600 21=1000 23=2000	1=开关+干接点 2=调节型4~20mA	1=无 2=电位计1K~10K 3=电流位置传感器4~20mA 4=过载保护（200-2000NM） 8=除湿保护

Ordering example: e.g. FQA4433A25-KL411111

= High platform double eccentric butterfly valve, CF8M/CF8M, R-PTFE, 150LB, ANSI WAFER,DN250, Electric actuator 50Nm, 220V AC, Explosion proof grade IP67, On/Off+dry
Butterfly valve

A . Type	B+C. Body/Internal	D. Sealing	E. Pressure	F. Connection	G + H. Size
FQA=High platform double eccentric butterfly valve	23=WCB/CF8 33=CF8/CF8 44=CF8M/CF8M	3=R-PTFE 5=PPL	3=PN16/150LB 4=PN25 5=PN40/300LB	5=DIN WAFER A=ANSI WAFER L=DIN LUG 5=GB Falnge M=ANSI Flange	18=2" 25=10" 19=21/2" 26=12" 20=3" 27=14" 21=4" 28=16" 22=5" 29=18" 23=6" 30=20" 24=8" 31=24"

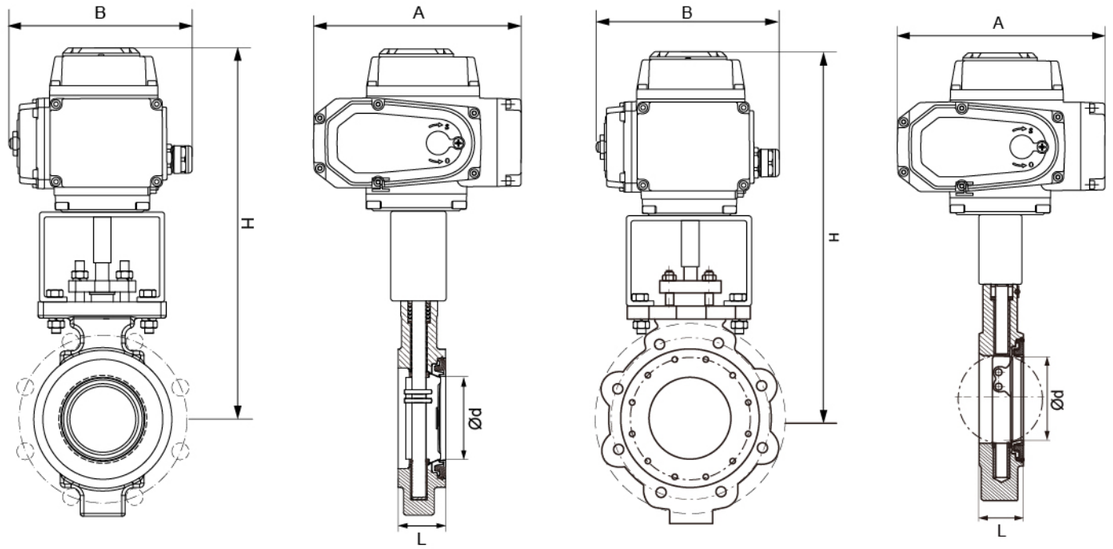
Actuator

I . Type	J. Voltage	K. Explosion proof grade	L+M. Torque(NM)	N. Extra	O. Spare
KL=Basic angle stroke Electric actuator	1=24V DC 2=24V AC 3=110V AC 4=220V AC 5=380V AC	1=IP67 2=IP68 3=Exd II BT4 （50-600NM）	11=50 13=100 15=200 17=400 19=600 21=1000 23=2000	1=On/Off type +Limit switch 2=Modulante type 4~20mA	1=No 2=1K~10K potentiometer 3=Current position sensor 4~20mA 4=Overload protection (200-2000NM) 8=Arefaction protect

Art.FOA/FQA-Series

尺寸/Dimension

150LB/PN16



WAFER 2"-24"　　LUG 2"-24"

SIZE	DN	Ød	L	Actuator		A	B	H
				Model	Torque(NM)			
2"	50	38	43.3	KL111111	50	165.0	140.5	311.8
				KL121111	50	170.5	121	324.3
21/2"	65	59	49	KL111111	50	165.0	140.5	381.5
				KL121111	50	170.5	121	394
3"	80	73	49	KL111111	50	165.0	140.5	390.5
				KL121111	50	170.5	121	403
4"	100	95	54	KL111311	100	211.5	154	434.5
				KL121311	100	217.5	139	448
5"	125	111	64	KL111311	100	211.5	154	435.5
				KL121311	100	217.5	139	449
6"	150	142	57	KL111511	200	259	186	488
				KL121511	200	217.5	139	467
8"	200	188	64	KL111711	400	259	186	523
				KL121711	400	266.5	170	533
10"	250	236	71	KL111711	400	259	186	578
				KL121711	400	266.5	170	588
12"	300	282	81	KL111911	600	259	186	612
				KL121911	600	266.5	170	622
14"	350	314	92	KL112111	1000	283	173	673.5
16"	400	363	102	KL112311	2000	283	173	700.5
18"	450	414	114	KL112311	2000	283	173	728.5
20"	500	456	127	KL112311	2000	283	173	746.5

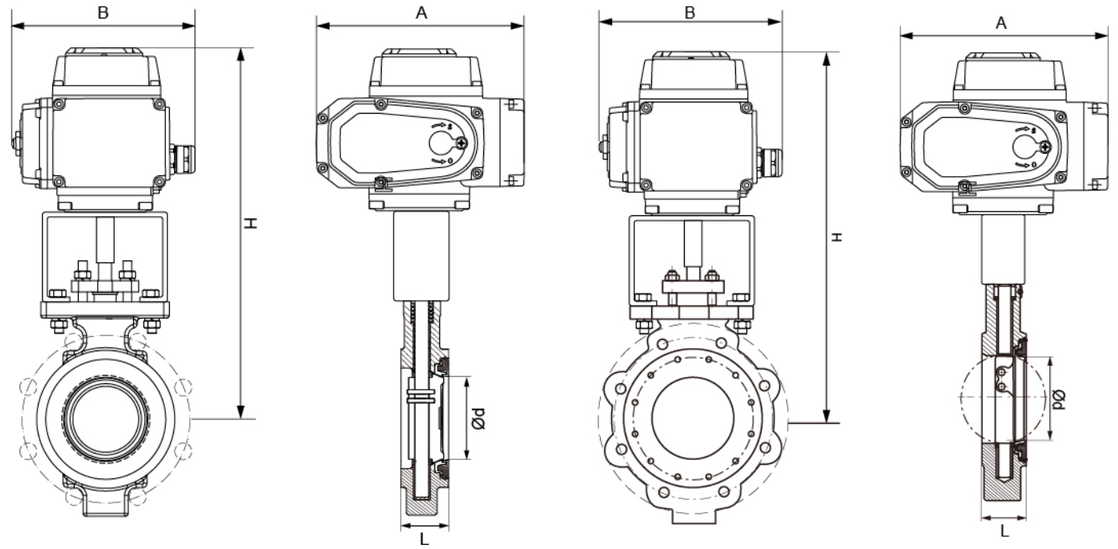
注：阀体详细数据请详见FOA/FQA 双偏心蝶阀。
以上为常规工况执行器配置尺寸，
如特殊工况的执行器配置详询埃克美迅技术部。

Note:Details please refer to FOA/FQA Double Eccentric butterfly valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

尺寸/Dimension

LUG 300LB/PN25/PN40

EICMATION®



WAFER 2"-24"　　LUG 3"-24"

SIZE	DN	Ød	L	Actuator		A	B	H
				Model	Torque(NM)			
2"	50	38	43.3	KL111111	50	165.0	140.5	311.8
				KL121111	50	170.5	121	324.3
21/2"	65	59	49	KL111311	100	211.5	154	412.5
				KL121311	100	217.5	139	426
3"	80	73	49	KL111311	100	211.5	154	421.5
				KL121311	100	217.5	139	435
4"	100	95	54	KL111511	200	259	186	469
				KL121511	200	217.5	139	448
5"	125	111	64	KL111511	200	259	186	470
				KL121511	200	217.5	139	449
6"	150	142	59	KL111711	400	259	186	510
				KL121711	400	266.5	170	520
8"	200	188	73	KL111911	600	259	186	559
				KL121911	600	266.5	170	569
10"	250	236	83	KL112111	1000	283	173	632.5
12"	300	282	92	KL112111	1000	283	173	668.5
14"	350	314	117	KL112311	2000	283	173	696.5
16"	400	363	133	KL112311	2000	283	173	719.5
18"	450	414	149	KL112311	2000	283	173	821.5

注：阀体详细数据请详见FOA/FQA双偏心蝶阀。
以上为常规工况执行器配置尺寸，
如特殊工况的执行器配置详询埃克美迅技术部。

Note:Details please refer to FOA/FQA Double Eccentric butterfly valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

Art.FOA/FQA-Series