EICMATION®

规格

设计
两片式全通径
防静电设计和防火结构
设计： ASME B16.34

操作
手柄90°旋转

连接
法兰标准：DIN2633或HG/T20592
ASME B16.5或HG/T20615
GB/T 9113

阀体长度：
DIN3202
GB/T12221 系列12

公称压力
PN16/PN25/40
150LB/300/LB

温度范围

PTFE:	-30°C - +120°C
S-PTFE:	-30°C - +200°C
PEEK:	-40°C - +250°C
R-PTFE:	-30°C - +180°C
C-PTFE:	-20°C - +180°C
TFM4215:	-25°C - +220°C

材料

阀体：	WCB CF8 CF8M
球芯：	304 316
球芯密封：	PTFE/S-PTFE/PEEK R-PTFE/C-PTFE/TFM4215
填料：	PTFE/R-PTFE/石墨
手柄：	SS

选项
电子指示器
加长手柄
手轮装置

Specification

DESIGN
2-piece design full bore
Anti-static and Fireproof structure
Design: ASME B16.34

OPERATION
Handle 90° rotation

CONNECTION
End flange standard: DIN2633 HG/T20592
ASME B16.5 HG/T20615
GB/T 9113

FACE TO FACE LENGTH
DIN3202
GB/T12221 series12

NOMINAL PRESSURE
PN16/PN25/40
150LB/300LB

TEMPERATURE RANGE

PTFE:	-30°C - +120°C
S-PTFE:	-30°C - +200°C
PEEK:	-40°C - +250°C
R-PTFE:	-30°C - +180°C
C-PTFE:	-20°C - +180°C
TFM4215:	-25°C - +220°C

MATERIALS

Body:	WCB CF8 CF8M
Ball:	304 316
Ball seal:	PTFE/S-PTFE/PEEK R-PTFE/C-PTFE/TFM4215
Packing:	PTFE/R-PTFE/Graphite
Handle:	SS

OPTIONS
Lengthened handle
Electrical position indicator
Handwheel device

型号:
BZ
两片式手动法兰球阀
两片式手动V型法兰球阀
PN16/25/40
150LB/300LB
WCB
CF8
CF8M



Type:
BZ
Manual 2-PC flange
ball valve
Manual 2-PC flange
V ball valve
PN16/25/40
150LB/300LB
WCB
CF8
CF8M

以上信息仅供参考，本公司保留修改的权利，恕不另行通知。

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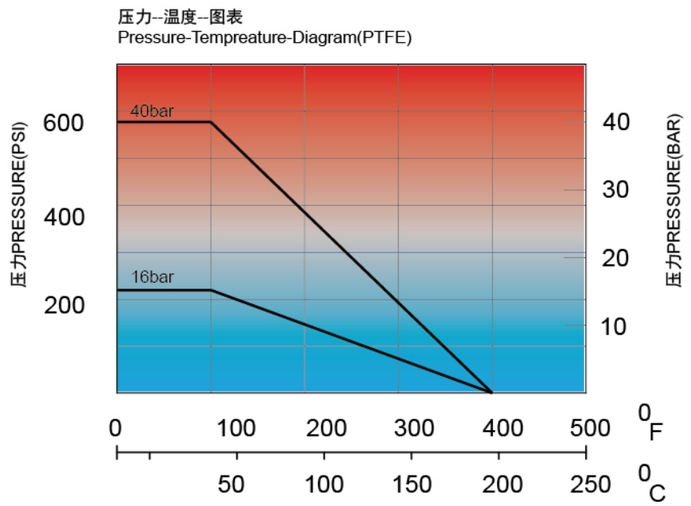
举例说明： 比如 BZA2323718
=两片式法兰球阀，WCB/304，PTFE，PN16，德标法兰，DN50
球阀

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
BZA=两片式手动法兰球阀 全通径 BZH=两片式手动30°V型法兰球阀 BZJ=两片式手动45°V型法兰球阀 BZK=两片式手动60°V型法兰球阀	23=WCB/304 24=WCB/316 33=CF8/304 44=CF8M/316	2=PTFE K=PEEK 9=S-PTFE 3=R-PTFE C=C-PTFE	3=PN16/150LB 4=PN25 5=PN40/300LB	7=德标法兰 M=美标法兰 6=国标法兰	13=1/2" 20=3" 14=3/4" 21=4" 15=1" 22=5" 16=1-1/4" 23=6" 17=1-1/2" 24=8" 18=2" 25=10" 19=2-1/2" 26=12"

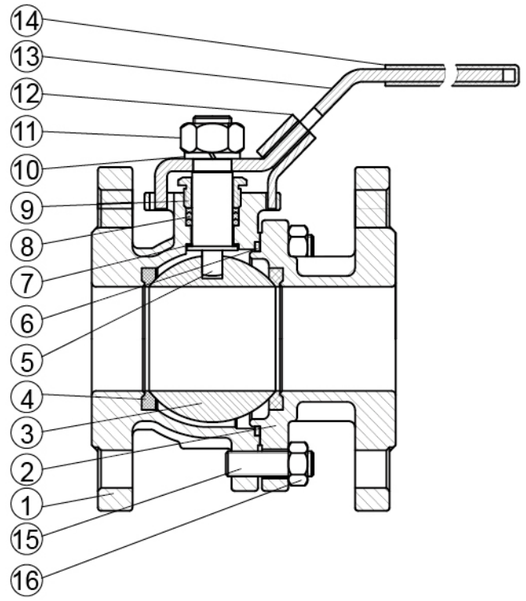
Ordering example: e.g. BZA2323718
=2-piece flange ball valve,WCB/304,PTFE,PN16, DIN Flange,DN50
Ball valve

A. Type	B+C. Body/Trim	D. Seal	E. Standard pressure	F. Connection	G + H. Size
BZA=Manual 2-piece flange ball valve Full bore BZH=Manual 2-piece flange 30° ball valve BZJ=Manual 2-piece flange 45° ball valve BZK=Manual 2-piece flange 60° ball valve	23=WCB/304 24=WCB/316 33=CF8/304 44=CF8M/316	2=PTFE K=PEEK 9=S-PTFE 3=R-PTFE C=C-PTFE	3=PN16/150LB 4=PN25 5=PN40/300LB	7=DIN Flange M=ASME Flange 6=GB Flange	13=1/2" 20=3" 14=3/4" 21=4" 15=1" 22=5" 16=1-1/4" 23=6" 17=1-1/2" 24=8" 18=2" 25=10" 19=2-1/2" 26=12"

压力 - 温度 - 图表/Pressure - Temperature-Diagram



零件说明/Parts list



序号	描述	材料
1	阀体	WCB
		CF8
		CF8M
2	端盖	WCB
		CF8
		CF8M
3	球芯	304
		316
4	密封	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
5	阀杆	F304
		F316
6	垫片	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
7	轴密封	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
8	填料	PTFE/R-PTFE/GRAPHITE
9	压盖	CF8
10	弹垫	304
11	螺母	8
12	锁定位置	304
13	手柄	304
14	塑料套	塑料
15	螺栓	B7
		B8
16	螺母	2H
		8

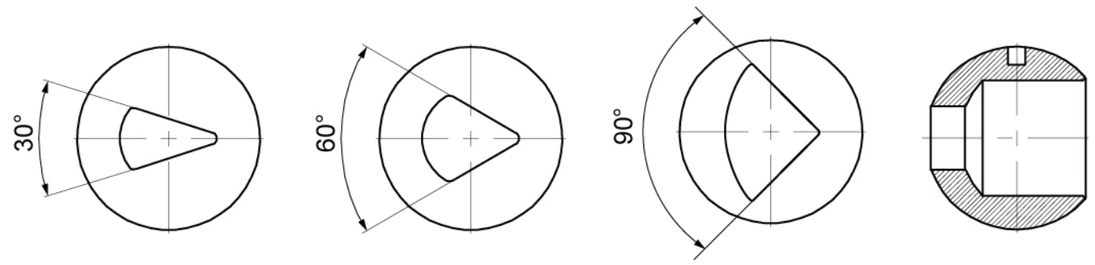
No.	Description	Material
1	Body	WCB
		CF8
		CF8M
2	Bonnet	WCB
		CF8
		CF8M
3	Ball	304
		316
4	Seat	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
5	Stem	F304
		F316
6	Gasket	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
7	Shaft seal	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
8	Packing	PTFE/R-PTFE/GRAPHITE
9	Gland	CF8
10	Spring Washer	304
11	Stem Nut	8
12	Locking Position	304
13	Handle	304
14	Plastic cover	plastic
15	Bolt	B7
		B8
16	Stem Nut	2H
		8

EICMATION流量系数选型表

EICMATION V Ball valve flow coefficients Cv chart table

EICMATION®

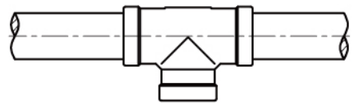
30°/60°/90° V Ball valve



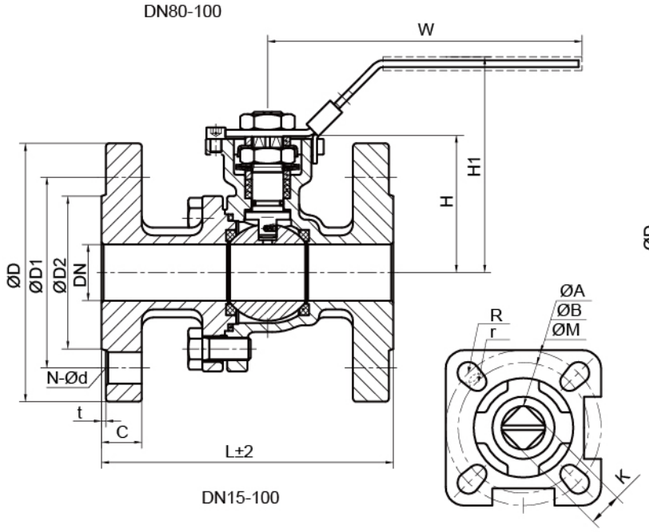
VALVE SIZE	V ANGLE	0%	15%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1/2"	30	0	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.6	2.2	2.6
	60	0	0.1	0.1	0.3	0.5	0.9	1.4	2	3.3	4.4	6
	90	0	0.1	0.2	0.4	0.6	0.9	1.5	2.2	3.8	5.4	6.9
3/4"	30	0	0.1	0.2	0.5	0.7	1.1	1.8	2.4	3.3	4.5	5.4
	60	0	0.1	0.2	0.7	1	1.7	2.8	4	6.5	9	12
	90	0	0.2	0.4	0.8	1.2	2	3.1	4.6	8	11.3	14
1"	30	0	0.1	0.3	0.8	1.3	2.3	3.5	5.1	9.8	8.5	10
	60	0	0.2	0.4	1.1	1.8	3.4	5.3	7.9	12.3	15.3	21
	90	0	0.2	0.6	1.8	3.4	5.1	8.1	11.4	16	21	29
11/4"	30	0	0.2	0.4	1.1	2	3.7	5.5	8	10	13	15
	60	0	0.2	0.6	1.8	3	5.5	9.5	12.8	19	26	39
	90	0	0.3	0.8	2	5	8	14	19	28	39	55
11/2"	30	0	0.3	0.6	1.6	3	5	7.5	11	14	17	20
	60	0	0.4	0.8	2.5	4	8	13	19	27	40	52
	90	0	0.4	0.9	3.5	7	13	20	31	42	63	78
2"	30	0	0.4	1.2	3.8	6	10	15	23	31	43	60
	60	0	0.4	1.5	4.6	9	16.5	27	39	55	83	110
	90	0	0.5	2	6	12	22	35	45	70	105	135
21/2"	30	0	0.4	1	4	8	12	18	28	37	62	75
	60	0	0.4	1.5	5	10	21	34	53	75	103	150
	90	0	0.5	1.7	7	14	28	48	70	106	160	218
3"	30	0	0.5	1.2	4	8	14	23	33	46	65	82
	60	0	0.5	2.5	6	14	25	40	65	91	128	165
	90	0	0.7	3.5	8	18	35	60	90	135	205	310
4"	30	0	0.6	2	6	15	29	48	71	100	130	159
	60	0	0.7	3	11	25	40	59	90	141	212	356
	90	0	1	3.5	16	40	75	125	190	295	442	670
6"	30	0	0.9	3.2	14	33	60	103	155	220	280	350
	60	0	2	5	22	60	110	190	285	416	586	800
	90	0	3	8	35	90	160	280	425	650	970	1480

尺寸/Dimension

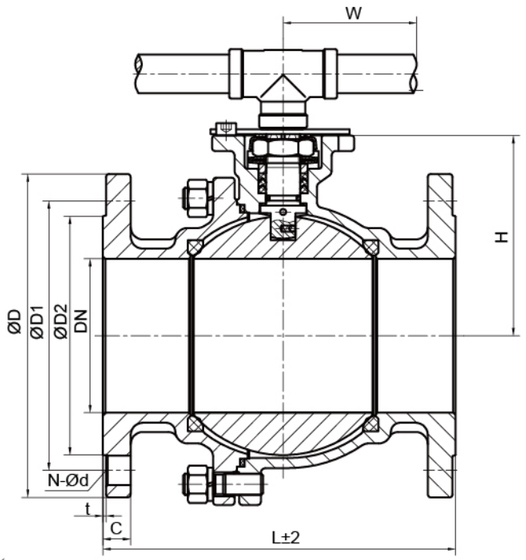
DIN FLANGE PN16



DN80-100



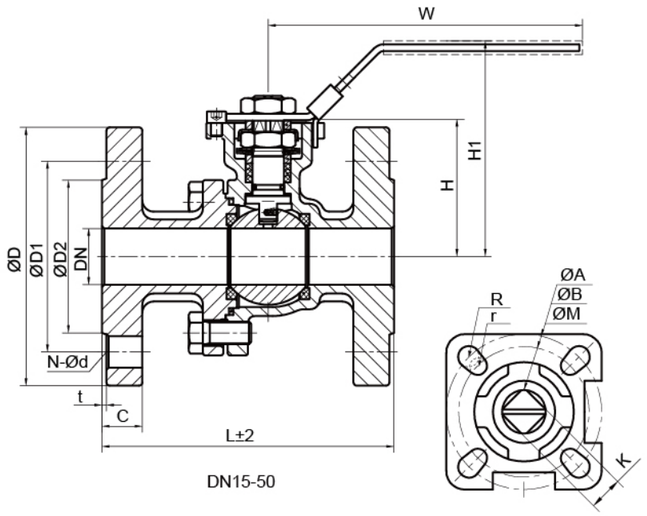
DN15-100



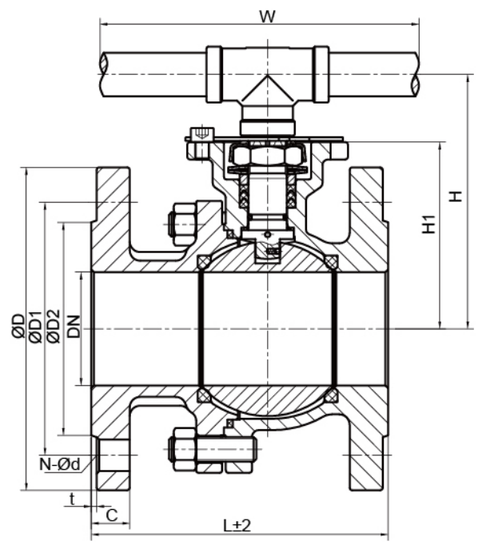
DN125-200

尺寸/Dimension

DIN FLANGE PN25/PN40



DN15-50



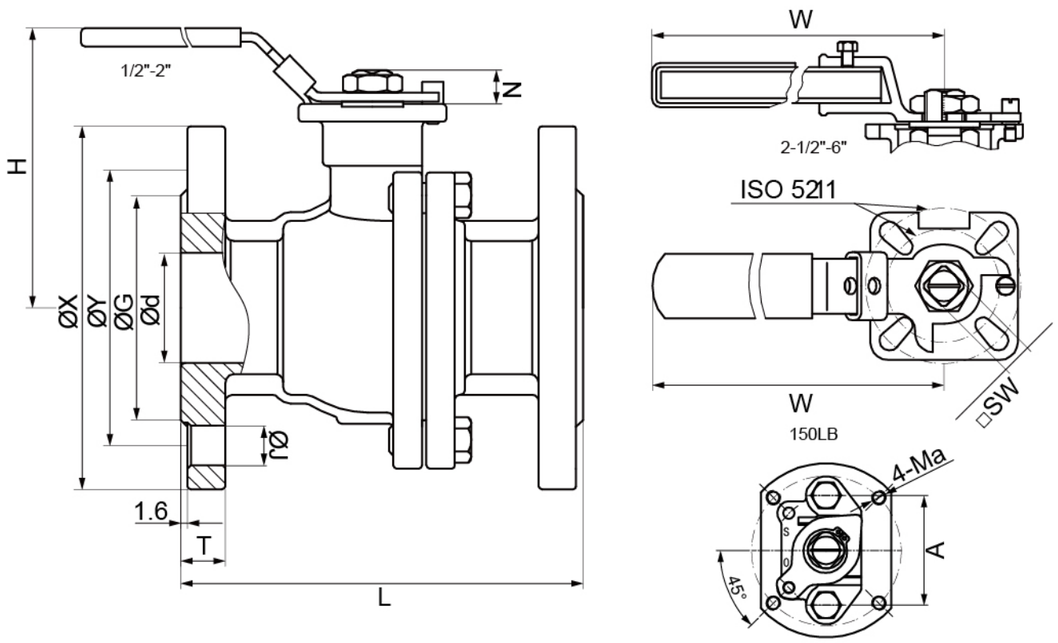
DN65-200

SIZE	DN	L	D	D1	D2	t	C	N-Ød	H	H1	W	ØA	ØB	R	r	K	ØM
1/2"	15	115	95	65	45	2	16	4-Ø14	75	48.5	110	42	36	3	3	9	M12
3/4"	20	120	105	75	58	2	18	4-Ø14	83	54	110	42	36	3	3	9	M12
1"	25	125	115	85	68	2	18	4-Ø14	90	59.5	150	50	42	3.5	3	11	M14
1-1/4"	32	130	140	100	78	2	18	4-Ø18	102	71	150	50	42	3.5	3	11	M14
1-1/2"	40	140	150	110	88	3	18	4-Ø18	114	78	190	70	50	4.5	3.5	14	M18
2"	50	150	165	125	102	3	20	4-Ø18	122	84.5	190	70	50	4.5	3.5	14	M18
2-1/2"	65	170	185	145	122	3	18	4-Ø18	135	95	235	70	50	4.5	3.5	14	M18
3"	76	180	200	160	138	3	20	8-Ø18	179	112	300	102	70	5.5	4.5	17	M22
4"	100	190	220	180	158	3	20	8-Ø18	197	130	300	102	70	5.5	4.5	17	M22
5"	125	325	250	210	188	3	22	8-Ø18	180	-	200	125	102	3.5	3	22	M30
6"	150	350	285	240	212	3	22	8-Ø18	198	-	250	125	102	3.5	3	22	M30
8"	200	400	340	295	268	3	24	12-Ø22	252	-	400	140	125	4.5	3.5	27	M33

SIZE	DN	L	D	D1	D2	t	C	N-Ød	H	H1	W	ØA	ØB	R	r	K	ØM
1/2"	15	115	95	65	45	2	16	4-Ø14	75	48.5	110	42	36	3	3	9	M12
3/4"	20	120	105	75	58	2	18	4-Ø14	83	54	110	42	36	3	3	9	M12
1"	25	125	115	85	68	2	18	4-Ø14	90	59.5	150	50	42	3.5	3	11	M14
1-1/4"	32	130	140	100	78	2	18	4-Ø18	102	71	150	50	42	3.5	3	11	M14
1-1/2"	40	140	150	110	88	3	18	4-Ø18	114	78	190	70	50	4.5	3.5	14	M18
2"	50	150	165	125	102	3	20	4-Ø18	122	84.5	190	70	50	4.5	3.5	14	M18
2-1/2"	65	170	185	145	122	3	22	8-Ø18	146	107	370	102	70	5.5	4.5	17	M22
3"	76	180	200	160	138	3	24	8-Ø18	157	117	370	102	70	5.5	4.5	17	M22
4"	100	190	235	190	162	3	24	8-Ø22	200	150	500	125	102	7	6	22	M30
5"	125	325	270	220	188	3	26	8-Ø26	250	190	500	140	125	9	7	27	M33
6"	150	350	300	250	218	3	28	8-Ø26	270	210	500	140	125	9	7	27	M33
8"	200	400	375	320	285	3	34	12-Ø30	330	260	800	165	140	11	9	36	M45

尺寸/Dimension

ASME FLANGE 150LB

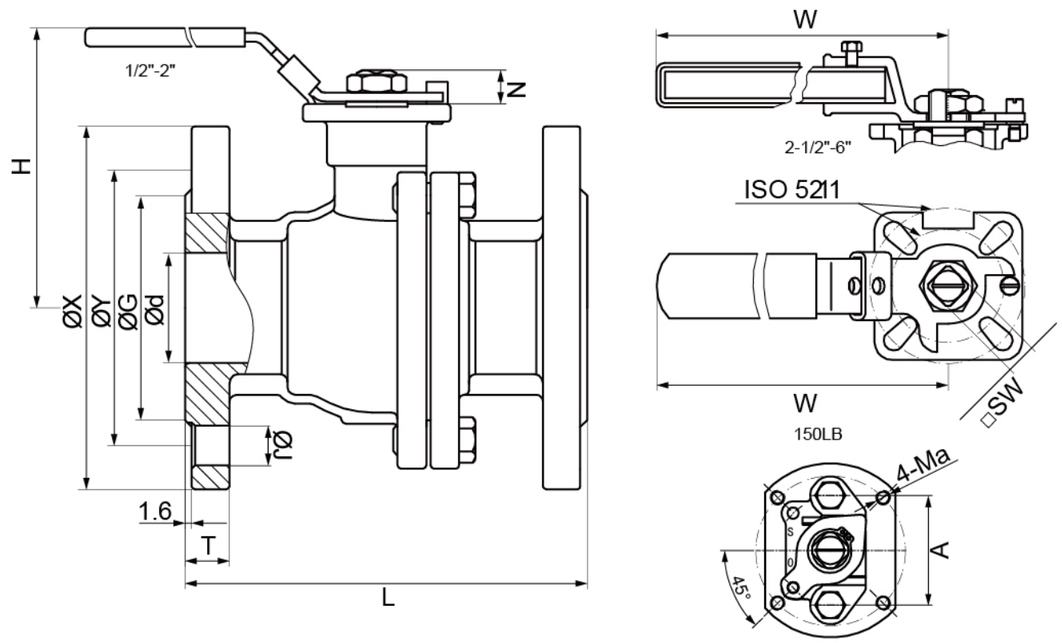


300LB

SIZE	DN	Ød	ØG	ØX	ØY	T	L	H	W	N	ØJ	□SW	ISO5211
1/2"	15	15	35	89	60.5	11.1	108	84	123	9	4-Ø16	9	F03-F04
3/4"	20	20	43	98	70	11.1	117	94	123	9	4-Ø16	9	F03-F04
1"	25	25	51	108	79.5	11.1	127	101	153	11	4-Ø16	11	F04-F05
1-1/4"	32	32	64	117	89.5	12.7	140	108	153	11	4-Ø16	11	F04-F05
1-1/2"	40	40	73	127	98.5	14.3	165	121	183	14	4-Ø16	14	F05-F07
2"	50	50	92	152	120.5	15.9	178	127	183	14	4-Ø19	14	F05-F07
2-1/2"	65	65	105	178	139.5	17.5	190	154	352	17	4-Ø19	17	F07-F10
3"	80	80	127	190	152.5	19.1	203	165	352	17	4-Ø19	17	F07-F10
4"	100	100	157	229	190.5	23.9	229	183	397	22	8-Ø19	22	F10-F12
6"	150	150	216	279	241.5	25.4	394	248	708	27	8-Ø22	27	F10-F12
8"	200	200	270	343	298.5	28.6	457	304	920	36	8-Ø22	36	F14

尺寸/Dimension

ASME FLANGE 300LB

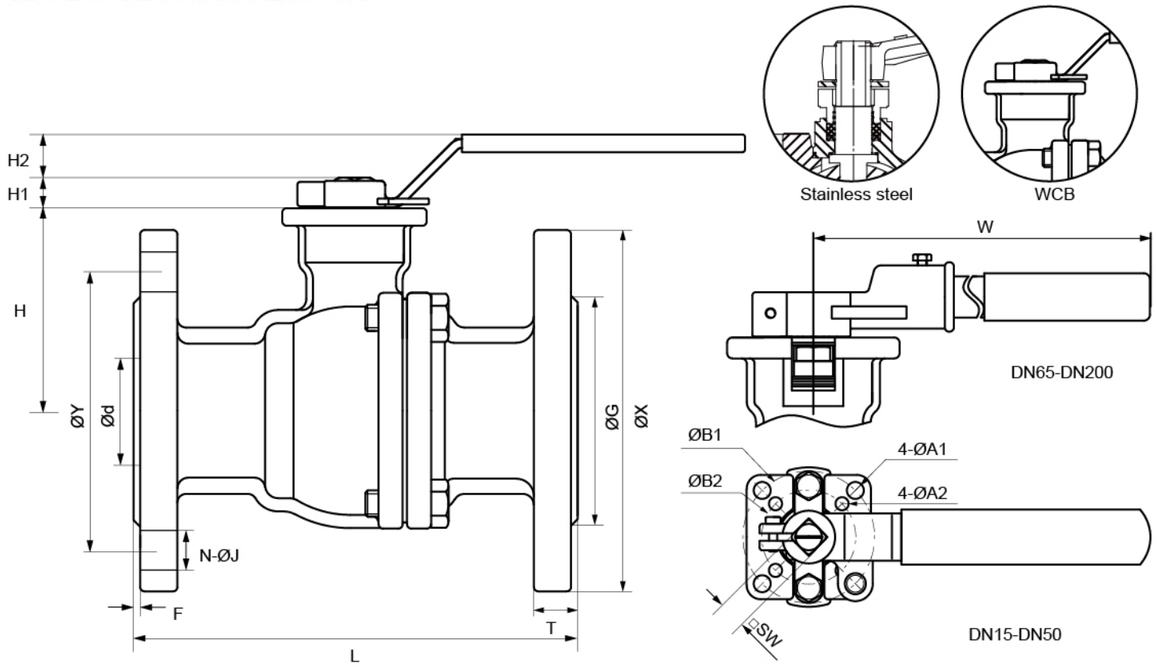


300LB

SIZE	DN	Ød	ØG	ØX	ØY	T	L	H	W	A	ØJ	□SW	ISO5211
1/2"	15	15	35	95	66.5	14.3	140	92	160	50	4-Ø16	12	F04
3/4"	20	20	43	117	82.5	15.9	152	98	160	50	4-Ø19	12	F04
1"	25	25	51	124	89	17.5	165	103	160	50	4-Ø19	12	F05
1-1/4"	32	32	64	133	98.5	19.1	178	107	160	50	4-Ø19	12	F05
1-1/2"	40	40	73	156	114.5	20.7	190	112	230	62	4-Ø22	17	F07
2"	50	50	92	165	127	22.3	216	122	230	62	8-Ø19	17	F07
2-1/2"	65	65	105	190	149	25.4	241	151	350	75	8-Ø22	21	F07
3"	80	80	127	210	168	28.6	283	161	350	75	8-Ø22	21	F10
4"	100	100	157	254	200	31.8	305	175	350	75	8-Ø22	21	F10
6"	150	150	216	318	270	36.6	403	247	750	89	12-Ø22	24	F12
8"	200	200	270	381	330	41.3	502	305	1000	100	12-Ø25	32	F12

尺寸/Dimension

GB FLANGE PN16/PN25/PN40



SIZE	DN	Ød	H	H1	F	W	ØA2	ØA1	ØB2	ØB1	□SW	PN16						PN25						PN40					
												ØX	ØG	ØY	L	T	N-ØJ	ØX	ØG	ØY	L	T	N-ØJ	ØX	ØG	ØY	L	T	N-ØJ
1/2"	15	15	51	9	2	135	7	8	36	50	9	95	45	65	130	16	4-Ø14	95	45	65	130	16	4-Ø14	95	45	65	130	16	4-Ø14
3/4"	20	20	55	9	2	135	7	8	36	50	9	105	58	75	130	18	4-Ø14	105	58	75	130	18	4-Ø14	105	58	75	130	18	4-Ø14
1"	25	25	68	11	2	170	7	8	42	50	11	115	68	85	140	18	4-Ø14	115	68	85	140	18	4-Ø14	115	68	85	140	18	4-Ø14
1-1/4"	32	32	74	11	2	170	7	8	42	50	11	140	78	100	165	18	4-Ø18	140	78	100	165	18	4-Ø18	140	78	100	165	18	4-Ø18
1-1/2"	40	40	82	14	2	200	8	10	50	70	14	150	88	110	165	18	4-Ø18	150	88	110	165	18	4-Ø18	150	88	110	165	18	4-Ø18
2"	50	50	92	14	2	200	8	10	50	70	14	165	102	125	203	20	4-Ø18	165	102	125	203	20	4-Ø18	165	102	125	203	20	4-Ø18
2-1/2"	65	65	116	17	2	300	10	12	70	102	17	185	122	145	222	18	8-Ø18	185	122	145	241	22	8-Ø18	185	122	145	241	22	8-Ø18
3"	80	80	129	17	2	300	10	12	70	102	17	200	138	160	241	20	8-Ø18	200	138	160	283	24	8-Ø18	200	138	160	283	24	8-Ø18
4"	100	100	148	22	2	400	-	12	-	102	22	220	158	180	305	20	8-Ø18	235	162	190	305	24	8-Ø22	235	162	190	305	24	8-Ø22
5"	125	125	184	27	2	800	14	18	125	140	27	250	188	210	356	22	8-Ø18	270	188	220	381	26	8-Ø26	270	188	220	381	26	8-Ø26
6"	150	150	206	27	2	800	14	18	125	140	27	285	212	240	394	22	8-Ø22	300	218	250	403	28	8-Ø26	300	218	250	403	28	8-Ø26
8"	200	200	254	27	2	800	18	22	140	165	27	340	268	295	457	24	12-Ø22	360	278	310	502	30	12-Ø26	375	285	320	502	34	12-Ø30

规格

设计
两片式全通径,执行器安装执行 ISO5211
防静电设计和防火结构
设计：ASME B16.34

操作
手柄90°旋转

连接
法兰标准：DIN2633或HG/T20592
ASME B16.5或HG/T20615
GB/T 9113

阀体长度：
DIN3202
GB/T12221 系列12

公称压力
PN16/PN25/40
150LB/300/LB

温度范围

PTFE:	-30°C - +120°C
S-PTFE:	-30°C - +200°C
PEEK:	-40°C - +250°C
R-PTFE:	-30°C - +180°C
C-PTFE:	-20°C - +180°C
TFM4215:	-25°C - +220°C

材料

阀体：	WCB CF8 CF8M
球芯：	304 316
球芯密封：	PTFE/S-PTFE/PEEK R-PTFE/C-PTFE/TFM4215
填料：	PTFE/R-PTFE/石墨
手柄：	SUS

选项
电子指示器
加长手柄
手轮装置

以上信息仅供参考，本公司保留修改的权利，恕不另行通知。

Specification

DESIGN
2-piece design full bore,mounting pad for actuator according to ISO 5211.
Anti-static and Fireproof structure
Design: ASME B16.34

OPERATION
Handle 90° rotation

CONNECTION
End flange standard: DIN2633 HG/T20592
ASME B16.5 HG/T20615
GB/T 9113

FACE TO FACE LENGTH
DIN3202
GB/T12221 series12

NOMINAL PRESSURE
PN16/PN25/40
150LB/300LB

TEMPERATURE RANGE

PTFE:	-30°C - +120°C
S-PTFE:	-30°C - +200°C
PEEK:	-40°C - +250°C
R-PTFE:	-30°C - +180°C
C-PTFE:	-20°C - +180°C
TFM4215:	-25°C - +220°C

MATERIALS

Body:	WCB CF8 CF8M
Ball:	304 316
Ball seal:	PTFE/S-PTFE/PEEK R-PTFE/C-PTFE/TFM4215
Packing:	PTFE/R-PTFE/Graphite
Handle:	SUS

OPTIONS
Lengthened handle
Electrical position indicator
Handwheel device

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

型号:
BH
ISO 5211两片式法兰球阀/两片式V 型法兰球阀
全通径
PN 16/25/40
150LB/300LB

WCB
CF8
CF8M



Type:
BH
ISO 5211 2-piece flange ball valve/2-piece flange V ball valve
Full bore
PN 16/25/40
150LB/300LB
WCB
CF8
CF8M

举例说明：比如 BHA2322718

=两片式法兰球阀，WCB/304，PTFE，PN16，德标法兰连接，DN50

球阀

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
BHA=ISO 5211两片式 法兰球阀 全通径 BHH=ISO 5211两片式 V型30°法兰球阀 BHJ=ISO 5211两片式 V型45°法兰球阀 BHK=ISO 5211两片式 V型60°法兰球阀	23=WCB/304 24=WCB/316 33=CF8/304 44=CF8M/316	2=PTFE K=PEEK 9=S-PTFE 3=R-PTFE C=C-PTFE	3=PN16/150LB 4=PN25 5=PN40/300LB	7=德标法兰 M=美标法兰 6=国标法兰	13=1/2" 14=3/4" 15=1" 16=1-1/4" 17=1-1/2" 18=2" 19=2-1/2" 20=3" 21=4" 22=5" 23=6" 24=8"

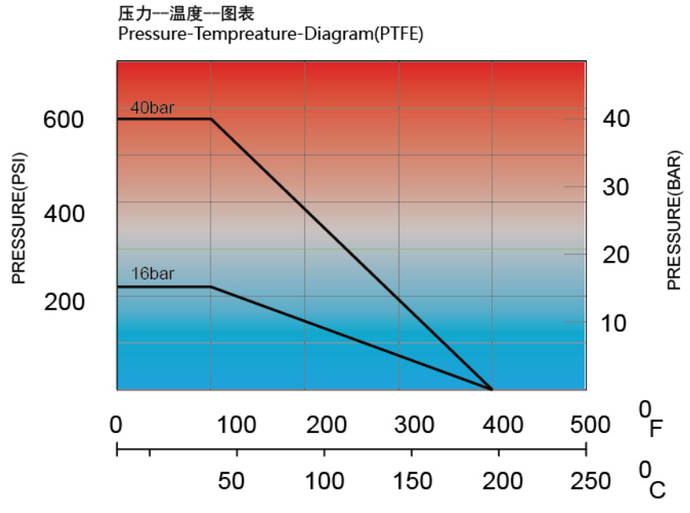
Ordering example: e.g. BHA2322718

= 2-piece flange ball valve, WCB/304,PTFE, PN16,DIN Flange,DN50

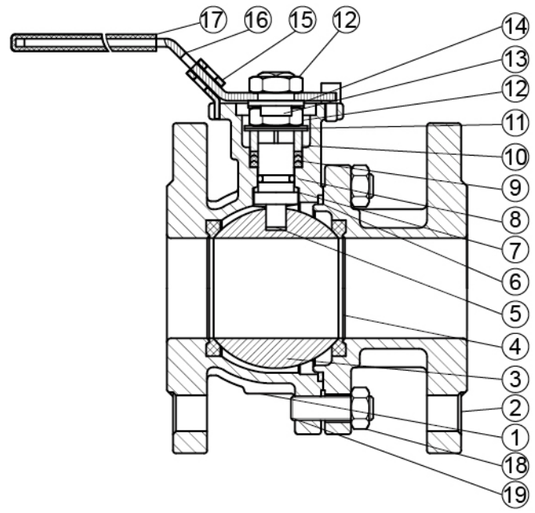
Ball valve

A . Type	B+C. Body/Trim	D. Seal	E. Standard pressure	F. Connection	G + H. Size
BHA=ISO 5211 2-piece Flange ball valve Full bore BHH=ISO 5211 2-piece flange 30° ball valve BHJ=ISO 5211 2-piece flange 45° ball valve BHK=ISO 5211 2-piece flange 60° ball valve	23=WCB/304 24=WCB/316 33=CF8/304 44=CF8M/316	2=PTFE K=PEEK 9=S-PTFE 3=R-PTFE C=C-PTFE	3=PN16/150LB 4=PN25 5=PN40/300LB	7=DIN Flange M=ASME Flange 6=GB Flange	13=1/2" 14=3/4" 15=1" 16=1-1/4" 17=1-1/2" 18=2" 19=2-1/2" 20=3" 21=4" 22=5" 23=6" 24=8"

压力 - 温度 - 图表/Pressure - Temperature-Diagram



零件说明/Parts list



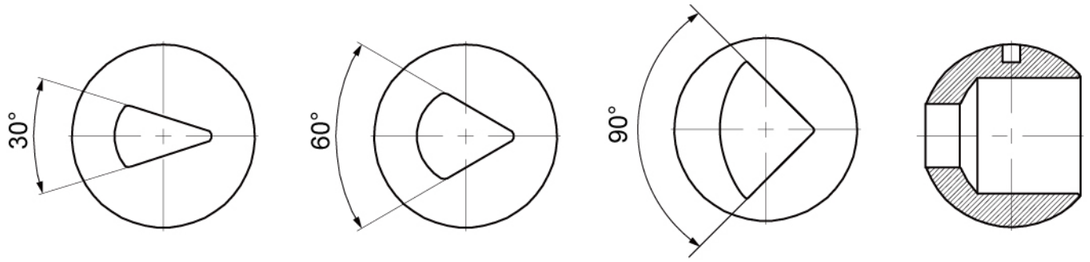
序号	描述	材料
1	阀体	WCB
		CF8
		CF8M
2	端盖	WCB
		CF8
		CF8M
3	球芯	304
		316
4	密封	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
5	阀杆	F304
		F316
6	垫片	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
7	轴密封	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
8	O-型圈	FKM
9	填料	PTFE/R-PTFE/GRAPHITE
10	压盖	CF8
11	弹垫	304
12	螺母	8
13	垫片	304
14	垫片	304
15	锁定位置	304
16	手柄	304
17	塑料套	塑料
18	螺母	2H
		8
19	弹垫	304

No.	Description	Material
1	Body	WCB
		CF8
		CF8M
2	Bonnet	WCB
		CF8
		CF8M
3	Ball	304
		316
4	Seat	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
5	Stem	F304
		F316
6	Gasket	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
7	Shaft seal	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
8	O-Ring	FKM
9	Packing	PTFE/PEEK/C-PTFE/S-PTFE/R-PTFE
10	Gland	CF8
11	Spring Washer	304
12	Stem Nut	8
13	Stop Washer	304
14	Handle Washer	304
15	Locking Position	304
16	Handle	304
17	Plastic Cover	plastic
18	Nut	2H
		8
19	Spring Washer	304

EICMATION流量系数选型表

EICMATION V Ball valve flow coefficients Cv chart table

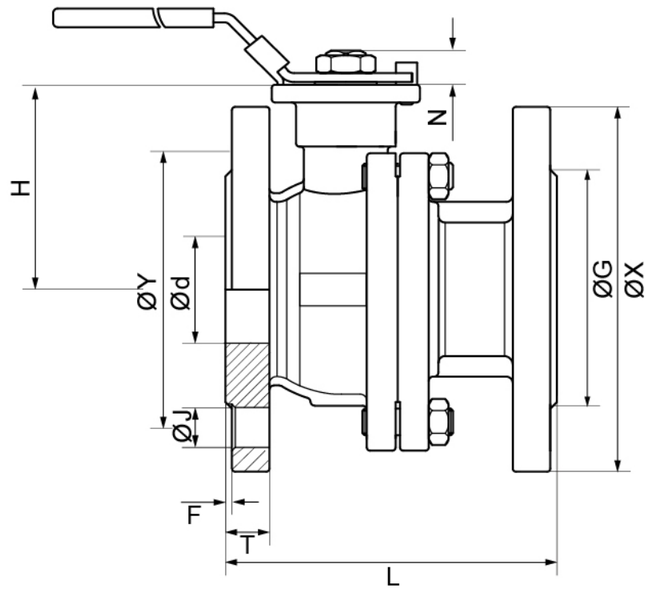
30°/60°/90° V Ball valve

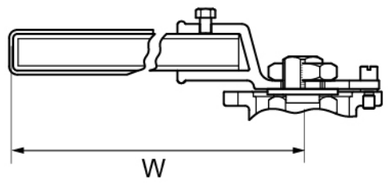


VALVE SIZE	V ANGLE	0%	15%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1/2"	30	0	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.6	2.2	2.6
	60	0	0.1	0.1	0.3	0.5	0.9	1.4	2	3.3	4.4	6
	90	0	0.1	0.2	0.4	0.6	0.9	1.5	2.2	3.8	5.4	6.9
3/4"	30	0	0.1	0.2	0.5	0.7	1.1	1.8	2.4	3.3	4.5	5.4
	60	0	0.1	0.2	0.7	1	1.7	2.8	4	6.5	9	12
	90	0	0.2	0.4	0.8	1.2	2	3.1	4.6	8	11.3	14
1"	30	0	0.1	0.3	0.8	1.3	2.3	3.5	5.1	9.8	8.5	10
	60	0	0.2	0.4	1.1	1.8	3.4	5.3	7.9	12.3	15.3	21
	90	0	0.2	0.6	1.8	3.4	5.1	8.1	11.4	16	21	29
11/4"	30	0	0.2	0.4	1.1	2	3.7	5.5	8	10	13	15
	60	0	0.2	0.6	1.8	3	5.5	9.5	12.8	19	26	39
	90	0	0.3	0.8	2	5	8	14	19	28	39	55
11/2"	30	0	0.3	0.6	1.6	3	5	7.5	11	14	17	20
	60	0	0.4	0.8	2.5	4	8	13	19	27	40	52
	90	0	0.4	0.9	3.5	7	13	20	31	42	63	78
2"	30	0	0.4	1.2	3.8	6	10	15	23	31	43	60
	60	0	0.4	1.5	4.6	9	16.5	27	39	55	83	110
	90	0	0.5	2	6	12	22	35	45	70	105	135
21/2"	30	0	0.4	1	4	8	12	18	28	37	62	75
	60	0	0.4	1.5	5	10	21	34	53	75	103	150
	90	0	0.5	1.7	7	14	28	48	70	106	160	218
3"	30	0	0.5	1.2	4	8	14	23	33	46	65	82
	60	0	0.5	2.5	6	14	25	40	65	91	128	165
	90	0	0.7	3.5	8	18	35	60	90	135	205	310
4"	30	0	0.6	2	6	15	29	48	71	100	130	159
	60	0	0.7	3	11	25	40	59	90	141	212	356
	90	0	1	3.5	16	40	75	125	190	295	442	670
6"	30	0	0.9	3.2	14	33	60	103	155	220	280	350
	60	0	2	5	22	60	110	190	285	416	586	800
	90	0	3	8	35	90	160	280	425	650	970	1480

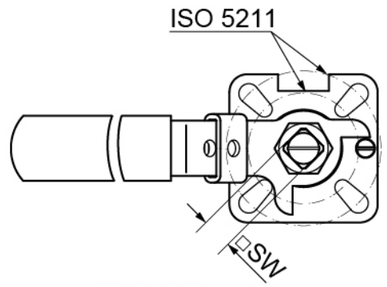
尺寸/**Dimension**

DIN FLANGE PN16/PN25/PN40





DN65 - DN200

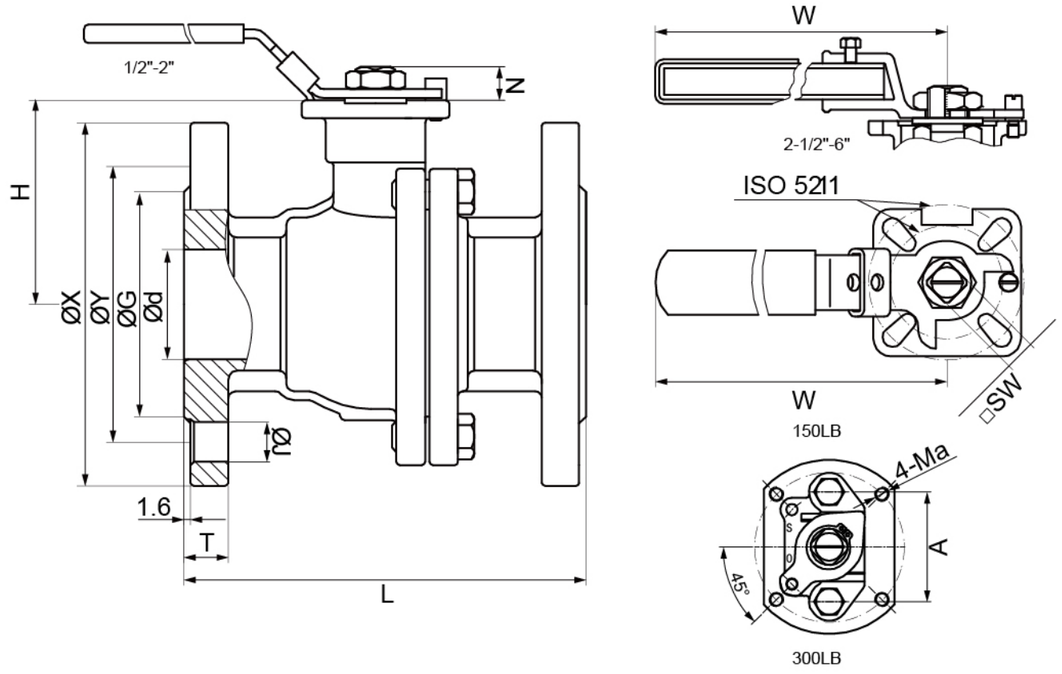


DN15 - DN50

SIZE	DN	Ød	L	H	N	W	□SW	ISO-5211	F	PN16					PN25					PN40				
										ØX	ØY	ØG	T	ØJ	ØX	ØY	ØG	T	ØJ	ØX	ØY	ØG	T	ØJ
1/2"	15	15	115	48	9	123	9	F03-F04	2	95	65	45	14	4-Ø14	95	65	45	16	4-Ø14	95	65	45	16	4-Ø14
3/4"	20	20	120	53	9	123	9	F03-F04	2	105	75	58	16	4-Ø14	105	75	58	18	4-Ø14	105	75	58	18	4-Ø14
1"	25	25	125	64	11	153	11	F04-F05	2	115	85	68	16	4-Ø14	115	85	68	18	4-Ø14	115	85	68	18	4-Ø14
1-1/4"	32	32	130	71	11	153	11	F04-F05	2	140	100	78	16	4-Ø18	140	100	78	18	4-Ø18	140	100	78	18	4-Ø18
1-1/2"	40	40	140	76	14	183	14	F05-F07	3	150	110	88	16	4-Ø18	150	110	88	18	4-Ø18	150	110	88	18	4-Ø18
2"	50	50	150	85	14	183	14	F05-F07	3	165	125	102	18	4-Ø18	165	125	102	20	4-Ø18	165	125	102	20	4-Ø18
2-1/2"	65	65	170	104	17	352	17	F07-F10	3	185	145	122	18	4-Ø18	185	145	122	22	8-Ø18	185	145	122	22	8-Ø18
3"	80	80	180	114	17	352	17	F07-F10	3	200	160	138	20	8-Ø18	200	160	138	24	8-Ø18	200	160	138	24	8-Ø18
4"	100	100	190	140	22	397	22	F10-F12	3	220	180	158	20	8-Ø18	235	190	162	24	8-Ø22	235	190	162	24	8-Ø22
5"	125	125	325	183	27	708	27	F10-F12	3	250	210	188	22	8-Ø18	270	220	188	26	8-Ø26	270	220	188	26	8-Ø26
6"	150	150	350	202	27	708	27	F10-F12	3	285	240	212	22	8-Ø22	300	250	218	28	8-Ø26	300	250	218	28	8-Ø26
8"	200	200	400	253	36	920	36	F14	3	340	295	268	24	12-Ø22	360	310	278	30	12-Ø26	375	320	285	34	12-Ø30

尺寸/Dimension

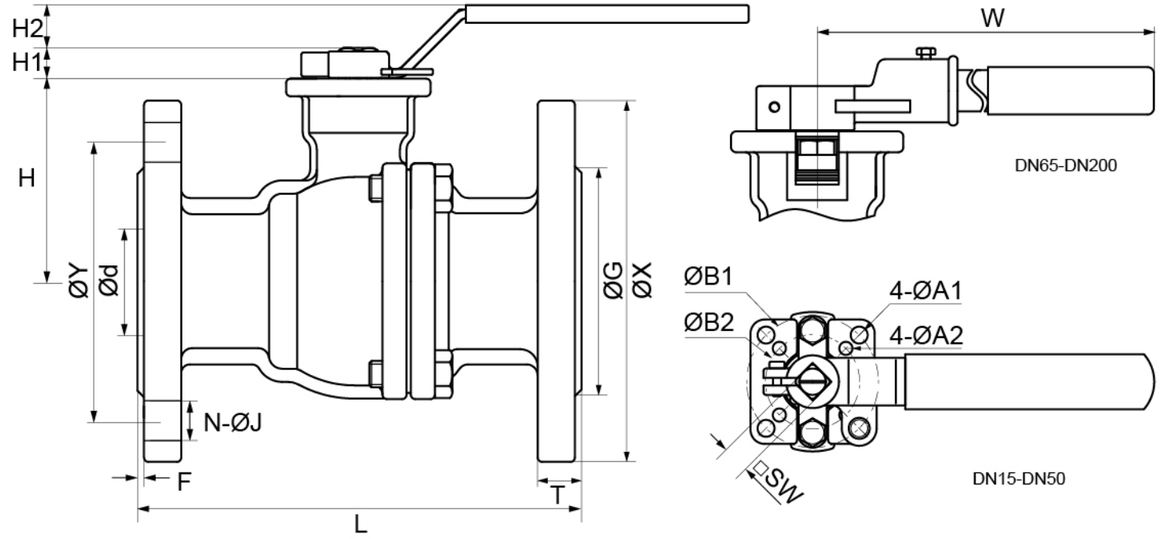
ASME FLANGE 150LB/300LB



SIZE	DN	Ød	ØG	150LB											300LB									
				ØX	ØY	T	L	H	W	N	ØJ	□SW	ISO5211		ØX	ØY	T	L	H	W	A	ØJ	□SW	ISO5211
1/2"	15	15	35	89	60.5	11.1	108	48	123	9	4-Ø16	9	F03-F04		95	66.5	14.3	140	48	160	50	4-Ø16	12	F04
3/4"	20	20	43	98	70	11.1	117	53	123	9	4-Ø16	9	F03-F04		117	82.5	15.9	152	53	160	50	4-Ø19	12	F04
1"	25	25	51	108	79.5	11.1	127	64	153	11	4-Ø16	11	F04-F05		124	89	17.5	165	64	160	50	4-Ø19	12	F05
1-1/4"	32	32	64	117	89.5	12.7	140	71	153	11	4-Ø16	11	F04-F05		133	98.5	19.1	178	71	160	50	4-Ø19	12	F05
1-1/2"	40	40	73	127	98.5	14.3	165	76	183	14	4-Ø16	14	F05-F07		156	114.5	20.7	190	76	230	62	4-Ø22	17	F07
2"	50	50	92	152	120.5	15.9	178	85	183	14	4-Ø19	14	F05-F07		165	127	22.3	216	85	230	62	8-Ø19	17	F07
2-1/2"	65	65	105	178	139.5	17.5	190	104	352	17	4-Ø19	17	F07-F10		190	149	25.4	241	104	350	75	8-Ø22	21	F07
3"	80	80	127	190	152.5	19.1	203	114	352	17	4-Ø19	17	F07-F10		210	168	28.6	283	114	350	75	8-Ø22	21	F10
4"	100	100	157	229	190.5	23.9	229	140	397	22	8-Ø19	22	F10-F12		254	200	31.8	305	140	350	75	8-Ø22	21	F10
6"	150	150	216	279	241.5	25.4	394	202	708	27	8-Ø22	27	F10-F12		318	270	36.6	403	202	750	89	12-Ø22	24	F12
8"	200	200	270	343	298.5	28.6	457	253	920	36	8-Ø22	36	F14		381	330	41.3	502	253	1000	100	12-Ø25	32	F12

尺寸/Dimension

GB FLANGE PN16/PN25/PN40



SIZE	DN	Ød	H	H1	F	W	ØA2	ØA1	ØB2	ØB1	□SW	PN16						PN25						PN40					
												ØX	ØG	ØY	L	T	N-ØJ	ØX	ØG	ØY	L	T	N-ØJ	ØX	ØG	ØY	L	T	N-ØJ
1/2"	15	15	48	9	2	135	7	8	36	50	9	95	45	65	130	16	4-Ø14	95	45	65	130	16	4-Ø14	95	45	65	130	16	4-Ø14
3/4"	20	20	53	9	2	135	7	8	36	50	9	105	58	75	130	18	4-Ø14	105	58	75	130	18	4-Ø14	105	58	75	130	18	4-Ø14
1"	25	25	64	11	2	170	7	8	42	50	11	115	68	85	140	18	4-Ø14	115	68	85	140	18	4-Ø14	115	68	85	140	18	4-Ø14
1-1/4"	32	32	71	11	2	170	7	8	42	50	11	140	78	100	165	18	4-Ø18	140	78	100	165	18	4-Ø18	140	78	100	165	18	4-Ø18
1-1/2"	40	40	76	14	2	200	8	10	50	70	14	150	88	110	165	18	4-Ø18	150	88	110	165	18	4-Ø18	150	88	110	165	18	4-Ø18
2"	50	50	85	14	2	200	8	10	50	70	14	165	102	125	203	20	4-Ø18	165	102	125	203	20	4-Ø18	165	102	125	203	20	4-Ø18
2-1/2"	65	65	104	17	2	300	10	12	70	102	17	185	122	145	222	18	8-Ø18	185	122	145	241	22	8-Ø18	185	122	145	241	22	8-Ø18
3"	80	80	114	17	2	300	10	12	70	102	17	200	138	160	241	20	8-Ø18	200	138	160	283	24	8-Ø18	200	138	160	283	24	8-Ø18
4"	100	100	140	22	2	400	-	12	-	102	22	220	158	180	305	20	8-Ø18	235	162	190	305	24	8-Ø22	235	162	190	305	24	8-Ø22
5"	125	125	183	27	2	800	14	18	125	140	27	250	188	210	356	22	8-Ø18	270	188	220	381	26	8-Ø26	270	188	220	381	26	8-Ø26
6"	150	150	202	27	2	800	14	18	125	140	27	285	212	240	394	22	8-Ø22	300	218	250	403	28	8-Ø26	300	218	250	403	28	8-Ø26
8"	200	200	253	27	2	800	18	22	140	165	27	340	268	295	457	24	12-Ø22	360	278	310	502	30	12-Ø26	375	285	320	502	34	12-Ø30

EICMATION®

规格

设计
两片式全通径,执行器安装执行 ISO5211
防静电设计和防火结构
设计：ASME B16.34

操作
气动双作用或单作用

连接
法兰标准：DIN2633或HG/T20592
ASME B16.5或HG/T20615
GB/T 9113
阀体长度：
DIN3202
GB/T12221 系列12

公称压力
PN16/PN25/PN40
150LB/300LB

气源压力
2-8 bar
(低的气源压力根据需要)

温度范围

PTFE:	-30°C - +120°C
S-PTFE:	-30°C - +200°C
PEEK:	-40°C - +250°C
R-PTFE:	-30°C - +180°C
C-PTFE:	-20°C - +180°C
TFM4215:	-25°C - +220°C

材料
阀体： WCB
CF8
CF8M

球芯： 304
316

球芯密封：PTFE/S-PTFE/PEEK
R-PTFE/C-PTFE/TFM4215

填料： PTFE/R-PTFE/石墨

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，电子或物理指示器，定位器，过滤减压器，手动离合器

更多规范请根据球阀(BHA)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
2-piece design full bore,mounting pad for actuator according to ISO 5211.
Anti-static and Fireproof structure
Design: ASME B16.34

OPERATION
Pneumatic double-acting or single-acting

CONNECTION
End flange dimention: DIN2633 or HG/T20592
ASME B16.5 or HG/T20615
GB/T 9113
FACE TO FACE LENGTH
DIN3202
GB/T12221 series12

NOMINAL PRESSURE
PN16/PN25/PN40
150LB/300LB

PILOT PRESSURE
2-8 bar
(Low pilot pressure as required)

TEMPERATURE RANGE

PTFE:	-30°C - +120°C
S-PTFE:	-30°C - +200°C
PEEK:	-40°C - +250°C
R-PTFE:	-30°C - +180°C
C-PTFE:	-20°C - +180°C
TFM4215:	-25°C - +220°C

MATERIALS
Body: WCB
CF8
CF8M

Ball: 304
316

Ball seal: PTFE/S-PTFE/PEEK
R-PTFE/C-PTFE/TFM4215

Packing: PTFE/R-PTFE/Graphite

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

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

OPTIONS
3/2-ways 5/2-ways valve, electronic or physical Indicator, Positioner, Filter Reducer, Manual clutch

For further specifications please refer to the ball valve (BHA) and actuator(PA) data sheet

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

型号:
BH-PA

两片式气动法兰球阀
全通径/30°/45°/60°
PN16/25/40/150LB/300LB

WCB
CF8
CF8M



Type:
BH-PA

2-Piece pneumatic flange ball valve
Full bore/30°/45°/60°
PN16/25/40/150LB/300LB

WCB
CF8
CF8M

EICMATION®

举例说明： 比如 BHA3323718-PA1115110
=两片式法兰球阀，CF8/304，PTFE，PN16，德标法兰连接，DN50，气动执行器，双作用，阳极氧化铝，活塞Ø75mm，NBR，齿轮，0°-90°

球阀

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
BHA=ISO 5211两片式法兰球阀全通径 BHH=ISO 5211两片式V型30°法兰球阀 BHJ=ISO 5211两片式V型45°法兰球阀 BHK=ISO 5211两片式V型60°法兰球阀	23=WCB/304 24=WCB/316 33=CF8/304 44=CF8M/316	2=PTFE K=PEEK 9=S-PTFE 3=R-PTFE C=C-PTFE	3=PN16/150LB 4=PN25 5=PN40/300LB	7=德标法兰 M=美标法兰 6=国标法兰	13=1/2" 19=2-1/2" 14=3/4" 20=3" 15=1" 21=4" 16=1-1/4" 22=5" 17=1-1/2" 23=6" 18=2" 24=8"

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 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. BHA3323718-PA1115110
= 2-piece flange ball valve,CF8/304,PTFE,PN16,DIN Flange,DN50,Pneumatic actuator,Double acting,Anodising aluminam,Ø75mm,NBR,Gear, 0°-90°

Ball valve

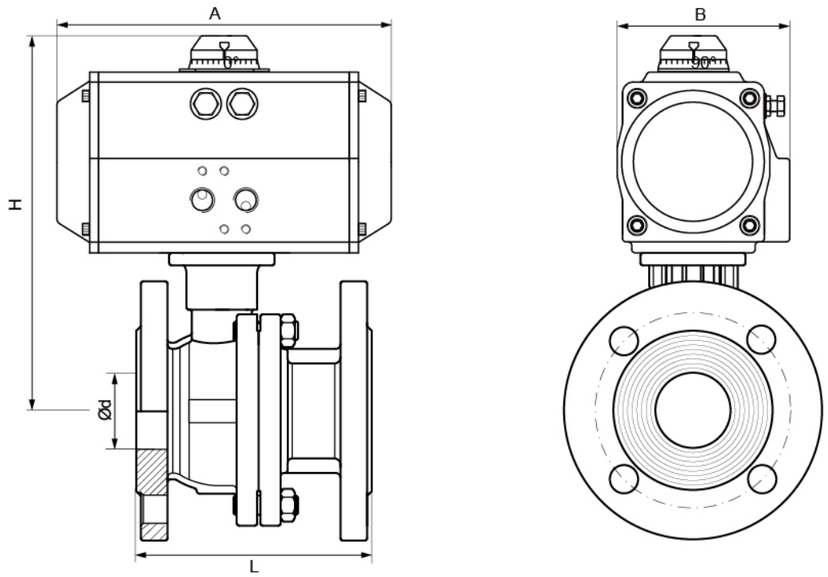
A . Type	B+C. Body/Trim	D. Seal	E. Standard pressure	F. Connection	G + H. Size
BHA=ISO 5211 2-piece Flange ball valve Full bore BHH=ISO 5211 2-piece 30°Flange ball valve BHJ=ISO 5211 2-piece 45°Flange ball valve BHK=ISO 5211 2-piece 60°Flange ball valve	23=WCB/304 24=WCB/316 33=CF8/304 44=CF8M/316	2=PTFE K=PEEK 9=S-PTFE 3=R-PTFE C=C-PTFE	3=PN16/150LB 4=PN25 5=PN40/300LB	7=DIN Flange M=ASME Flange 6=GB Flange	13=1/2" 19=2-1/2" 14=3/4" 20=3" 15=1" 21=4" 16=1-1/4" 22=5" 17=1-1/2" 23=6" 18=2" 24=8"

Actuator

I . Product	J. Fail position	K. Material	L + M. Size	N. Seal	O. Structure	P. Trip
PA=Pneumatic actuator	1=Double acting 2=Single acting-close 3=Single acting-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 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°

尺寸/Dimension

FLANGE PN16/150LB



SIZE	DN	Ød	Actuator		A	B	H	PN16	150LB
			Model	Size				L	
1/2"	15	15	PA1113110	Ø52	147	72	177	115	108
			PA2113110	Ø52	147	72	177		
3/4"	20	20	PA1113110	Ø52	147	72	187	120	117
			PA2114110	Ø63	172	83	203		
1"	25	25	PA1114110	Ø63	172	83	208	125	127
			PA2114110	Ø63	172	83	208		
1-1/4"	32	32	PA1114110	Ø63	172	83	215	130	140
			PA2115110	Ø75	184	95	227		
1-1/2"	40	40	PA1115110	Ø75	184	95	237	140	165
			PA2116110	Ø83	204	103	246		
2"	50	50	PA1116110	Ø83	204	103	252	150	178
			PA2117110	Ø92	262	109	260		
2-1/2"	65	65	PA1117110	Ø92	262	109	284	170	190
			PA2118110	Ø105	268	121	300		
3"	80	80	PA1118110	Ø105	268	121	311	180	203
			PA2119110	Ø125	301	143	331		
4"	100	100	PA1119110	Ø125	301	143	346	190	229
			PA2120110	Ø140	394	152	364		
5"	125	125	PA1120110	Ø140	394	152	405	325	-
			PA2121110	Ø160	458	174	430		
6"	150	150	PA1121110	Ø160	458	174	449	350	394
			PA2122110	Ø190	528	206	483		
8"	200	200	PA1122110	Ø190	528	206	530	400	457
			PA2123110	Ø210	532	226	555		

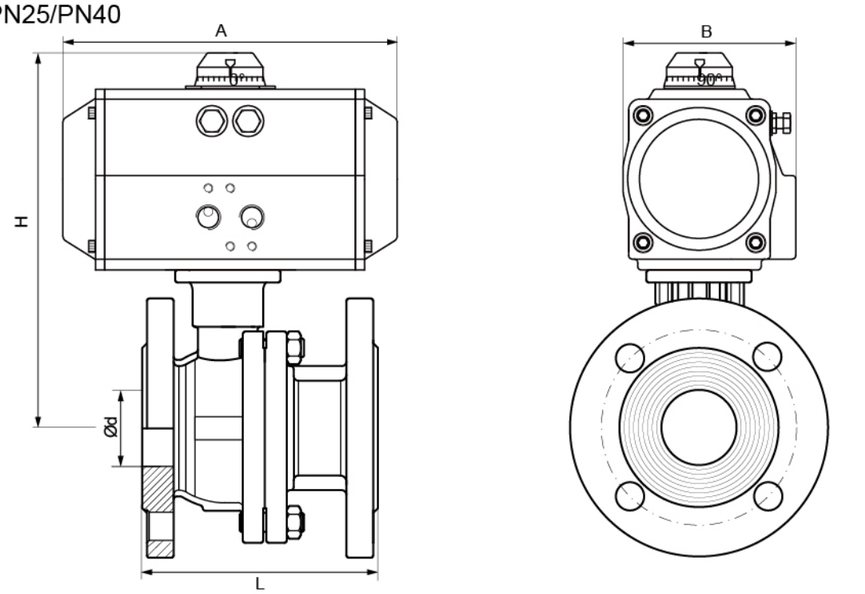
注：阀体详细数据请详见BH ISO5211平台两片式法兰球阀
以上为常规工况执行器配置尺寸，
如特殊工况的执行器配置详询埃克美迅技术部。

Note:Details please refer to BH ISO5211 two pieces flanged ball valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

尺寸/Dimension

EICMATION®

FLANGE PN25/PN40



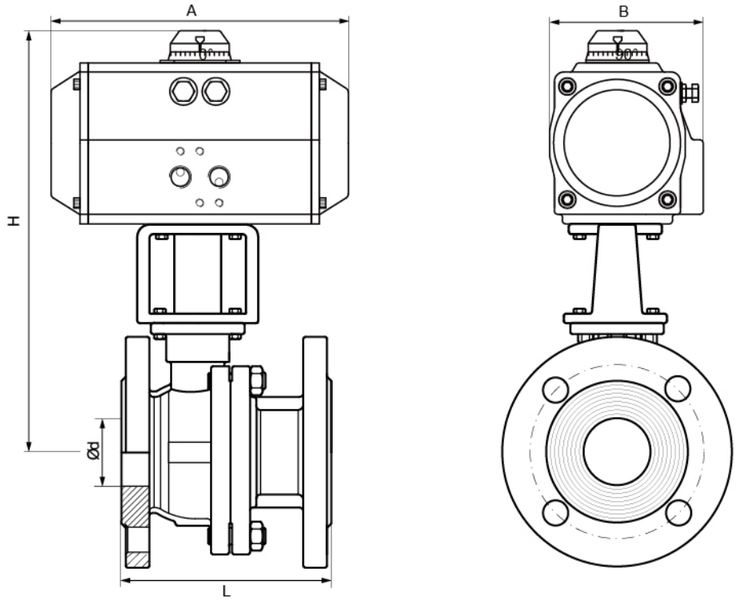
SIZE	DN	Ød	Actuator		A	B	H	L
			Model	Size				
1/2"	15	15	PA1113110	Ø52	147	82	167	130
			PA2114110	Ø63	147	82	183	
3/4"	20	20	PA1114110	Ø63	147	82	193	150
			PA2115110	Ø75	184	105	205	
1"	25	25	PA1114110	Ø63	147	82	198	160
			PA2115110	Ø75	184	105	210	
1-1/4"	32	32	PA1115110	Ø75	184	105	217	180
			PA2116110	Ø83	204	113	226	
1-1/2"	40	40	PA1115110	Ø75	184	105	227	200
			PA2116110	Ø83	204	113	236	
2"	50	50	PA1116110	Ø83	204	113	242	230
			PA2117110	Ø92	262	119	250	
2-1/2"	65	65	PA1117110	Ø92	262	119	274	290
			PA2118110	Ø105	268	131	290	
3"	80	80	PA1118110	Ø105	268	131	301	310
			PA2119110	Ø125	301	153	323	
4"	100	100	PA1119110	Ø125	301	153	336	350
			PA2120110	Ø140	394	162	354	
5"	125	125	PA1120110	Ø140	394	162	395	400
			PA2121110	Ø160	458	184	420	
6"	150	150	PA1121110	Ø160	458	184	439	450
			PA2122110	Ø190	528	206	483	
8"	200	200	PA1122110	Ø190	528	206	530	550
			PA2123110	Ø210	532	226	555	

注：阀体详细数据请详见BH ISO5211平台两片式法兰球阀
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 BH ISO5211 two pieces flanged ball valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

尺寸/Dimension

FLANGE 300LB



SIZE	DN	Ød	Actuator		A	B	H	L
			Model	Size				
1/2"	15	15	PA1113110	Ø52	147	72	268	140
			PA2114110	Ø63	147	72	284	
3/4"	20	20	PA1114110	Ø63	147	72	295	152
			PA2115110	Ø75	184	95	307	
1"	25	25	PA1114110	Ø63	147	72	298	165
			PA2115110	Ø75	184	95	310	
1-1/4"	32	32	PA1115110	Ø75	184	95	315	178
			PA2116110	Ø83	204	103	324	
1-1/2"	40	40	PA1115110	Ø75	184	95	326	190
			PA2116110	Ø83	204	103	335	
2"	50	50	PA1116110	Ø83	204	103	340	216
			PA2117110	Ø92	262	109	348	
2-1/2"	65	65	PA1117110	Ø92	262	109	360	241
			PA2118110	Ø105	268	121	376	
3"	80	80	PA1118110	Ø105	268	121	386	283
			PA2119110	Ø125	301	143	408	
4"	100	100	PA1119110	Ø125	301	143	430	305
			PA2120110	Ø140	394	152	448	
6"	150	150	PA1121110	Ø160	458	174	505	403
			PA2122110	Ø190	528	206	539	
8"	200	200	PA1122110	Ø190	528	206	571	502
			PA2123110	Ø210	532	226	596	

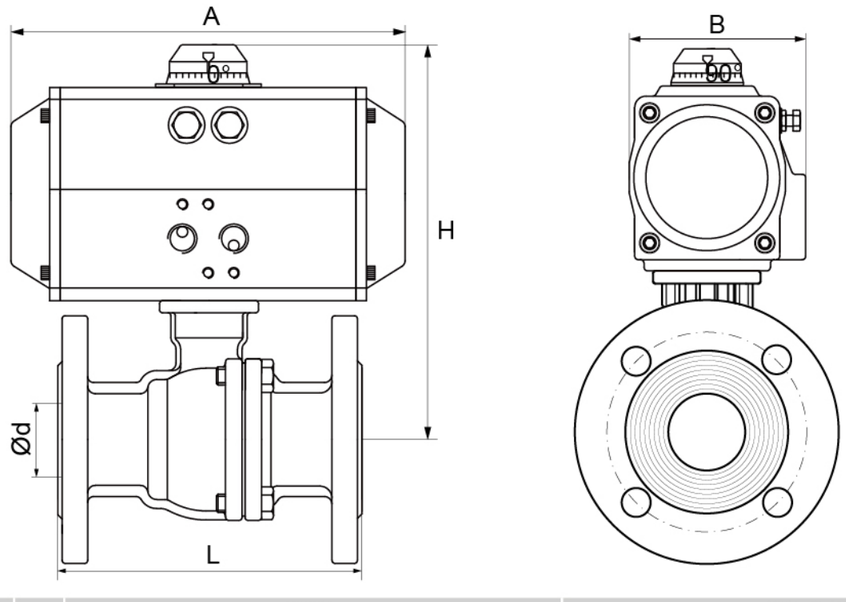
注：阀体详细数据请详见BH ISO5211平台两片式法兰球阀
以上为常规工况执行器配置尺寸，
如特殊工况的执行器配置详询埃克美迅技术部。

Note:Details please refer to BH ISO5211 two pieces flanged ball valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

尺寸/Dimension

EICMATION®

GB FLANGE PN16/PN25/PN40



SIZE	DN	Ød	PN16						PN25/PN40					
			Actuator		A	B	H	L	Actuator		A	B	H	L
			Model	Size					Model	Size				
1/2"	15	15	PA1113110	Ø52	147	72	153	130	PA1113110	Ø52	147	72	153	130
			PA2114110	Ø63	172	83	170		PA2114110	Ø63	172	83	170	
3/4"	20	20	PA1113110	Ø52	147	72	157	130	PA1114110	Ø63	172	83	173	130
			PA2114110	Ø63	172	83	173		PA2115110	Ø75	184	95	185	
1"	25	25	PA1114110	Ø63	172	83	186	140	PA1114110	Ø63	172	83	186	140
			PA2115110	Ø75	184	95	198		PA2115110	Ø75	184	95	198	
1-1/4"	32	32	PA1114110	Ø63	172	83	192	165	PA1115110	Ø75	184	95	204	165
			PA2115110	Ø75	184	95	204		PA2116110	Ø83	204	103	213	
1-1/2"	40	40	PA1115110	Ø75	184	95	212	165	PA1115110	Ø75	184	95	212	165
			PA2116110	Ø83	204	103	221		PA2116110	Ø83	204	103	221	
2"	50	50	PA1116110	Ø83	204	103	231	203	PA1116110	Ø83	204	103	231	203
			PA2117110	Ø92	262	109	239		PA2117110	Ø92	262	109	239	
2-1/2"	65	65	PA1117110	Ø92	262	109	263	222	PA1117110	Ø92	262	109	263	241
			PA2118110	Ø105	268	121	279		PA2118110	Ø105	268	121	279	
3"	80	80	PA1117110	Ø92	262	109	276	241	PA1118110	Ø105	268	121	292	283
			PA2118110	Ø105	268	121	292		PA2119110	Ø125	301	143	314	
4"	100	100	PA1119110	Ø125	301	143	333	305	PA1119110	Ø125	301	143	333	305
			PA2120110	Ø140	394	152	351		PA2120110	Ø140	394	152	351	
5"	125	125	PA1120110	Ø140	394	152	387	356	PA1120110	Ø140	394	152	387	381
			PA2121110	Ø160	458	174	412		PA2121110	Ø160	458	174	412	
6"	150	150	PA1121110	Ø160	458	174	434	394	PA1121110	Ø160	458	174	434	403
			PA2122110	Ø190	528	206	468		PA2122110	Ø190	528	206	468	
8"	200	200	PA1122110	Ø190	528	206	516	457	PA1122110	Ø190	528	206	516	502
			PA2123110	Ø210	532	226	541		PA2123110	Ø210	532	226	541	

注：阀体详细数据请详见BH ISO5211平台两片式法兰球阀
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 BH ISO5211 two pieces flanged ball valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

EICMATION®

规格

设计
两片式全通径，执行器安装执行 ISO5211
防静电设计和防火结构
设计：ASME B16.34

操作
电动含手动操作

连接
法兰标准：DIN2633或HG/T20592
ASME B16.5或HG/T20615
GB/T 9113

阀体长度：
DIN3202
GB/T12221 系列12

公称压力
PN16/PN25/40/150LB/300LB

温度范围

PTFE:	-30°C - +120°C
S-PTFE:	-30°C - +200°C
PEEK:	-40°C - +250°C
R-PTFE:	-30°C - +180°C
C-PTFE:	-20°C - +180°C
TFM4215:	-25°C - +220°C

材料
阀体： WCB
CF8
CF8M

球芯： 304
316

球芯密封：PTFE/S-PTFE/PEEK
R-PTFE/C-PTFE/TFM4215

填料： PTFE/R-PTFE/石墨

环境温度
-20°C - +60°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

选项
除湿加热器
过力矩保护
调节型4-20mA
Exd IIB T4

更多规范请根据球阀(BHA)和执行器(KL)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
2-piece design full bore,mounting pad for actuator according to ISO 5211.
Anti-static and Fireproof structure
Design: ASME B16.34

OPERATION
Electric include handle operation

CONNECTION
End Flange dimention: DIN2633 HG/T20592
ASME B16.5 HG/T20615
GB/T 9113

FACE TO FACE LENGTH
DIN3202
GB/T12221 series12

NOMINAL PRESSURE
PN16/PN25/40/150LB/300LB

TEMPERATURE RANGE

PTFE:	-30°C - +120°C
S-PTFE:	-30°C - +200°C
PEEK:	-40°C - +250°C
R-PTFE:	-30°C - +180°C
C-PTFE:	-20°C - +180°C
TFM4215:	-25°C - +220°C

MATERIALS
Body: WCB
CF8
CF8M

Ball: 304
316

Ball seal: PTFE/S-PTFE/PEEK
R-PTFE/C-PTFE/TFM4215

Packing: PTFE/R-PTFE/Graphite

EXTERNAL TEMPERATURE RANGE
-20°C - +60°C

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

PROTECTIVE
IP 67

STANDARD EQUIPMENT
Additional limit switches, optical position indicator, manual override

OPTIONS
Dehumidification heater
Overtorque protection
Modulate type 4-20mA
Exd IIB T4

For further specifications please refer to the ball valve (BHA) and actuator (KL) data sheet

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

型号:
BH-KL

两片式电动法兰球阀
全通径/30°/45°/60°
PN16/25/40/150LB/300LB

WCB
CF8
CF8M



Type:
BH-KL

2-Piece electric flange ball valve
Full bore/30°/45°/60°
PN 16/25/40/150LB/300LB

WCB
CF8
CF8M

EICMATION®

举例说明： 比如 BHA2323718 - KL511111
=两片式法兰球阀，WCB/304，PTFE，PN16，德标法兰连接，DN50，电动执行器50Nm，380V AC，开关+无源触点

球阀

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
BHA=ISO 5211两片式法兰球阀全通径 BHH=ISO 5211两片式V型30°法兰球阀 BHJ=ISO 5211两片式V型45°法兰球阀 BHK=ISO 5211两片式V型60°法兰球阀	23=WCB/304 24=WCB/316 33=CF8/304 44=CF8M/316	2=PTFE K=PEEK 9=S-PTFE 3=R-PTFE C=C-PTFE	3=PN16 4=PN25/150L 5=PN40/300LB	7=德标法兰 M=美标法兰 6=国标法兰	13=1/2" 19=2-1/2" 14=3/4" 20=3" 15=1" 21=4" 16=1-1/4" 22=5" 17=1-1/2" 23=6" 18=2" 24=8"

执行器

9.字符 产品	10.字符 电压	11.字符 防爆等级	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=无 2=Exd ⅡBT4 （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. BHA2323718 - KL511111
=2-piece flange ball valve, WCB/304,PTFE ,PN16,DIN Flange,DN50,Electric actuator 50Nm,380V AC, On/Off+Ldry contact.

Ball valve

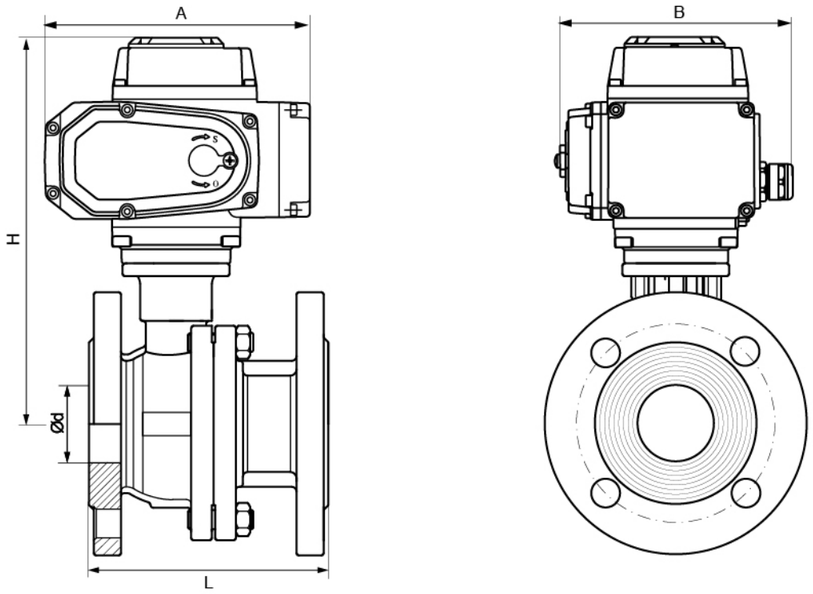
A . Type	B+C. Body/Internal	D. Seal	E. Standard pressure	F. Connection	G + H. Size
BHA=ISO 5211 2-piece Flange ball valve Full bore BHH=ISO 5211 2-piece 30°Flange ball valve BHJ=ISO 5211 2-piece 45°Flange ball valve BHK=ISO 5211 2-piece 60°Flange ball valve	23=WCB/304 24=WCB/316 33=CF8/304 44=CF8M/316	2=PTFE K=PEEK 9=S-PTFE 3=R-PTFE C=C-PTFE	3=PN16 4=PN25/150LB 5=PN40/300LB	7=DIN Flange M=ASME Flange 6=GB Flange	13=1/2" 19=2-1/2" 14=3/4" 20=3" 15=1" 21=4" 16=1-1/4" 22=5" 17=1-1/2" 23=6" 18=2" 24=8"

Actuator

I . Type	J. Voltage	K. Explosion proof grade	L+M. Torque(NM)	N. Extra	O. Others
KL=Basic angle stroke Electric actuator	1=24V DC 2=24V AC 3=110V AC 4=220V AC 5=380V AC	1=None 2=Exd ⅡBT4 （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=Dehumidification

尺寸/Dimension

FLANGE PN16/PN25/PN40/150LB



SIZE	DN	Ød	PN16/150LB						PN25/40					
			Actuator		A	B	H	L	Actuator		A	B	H	L
			Model	Torque(NM)				PN16 150LB	Model	Torque(NM)				
1/2"	15	15	KL111111	50	165	140.5	185.5	115 108	KL111111	50	165	140.5	185.5	130
			KL121111	50	170.5	120.5	198		KL121111	50	170.5	120.5	198	
3/4"	20	20	KL111111	50	165	140.5	190.5	120 117	KL111111	50	165	140.5	190.5	150
			KL121111	50	170.5	120.5	203		KL121111	50	170.5	120.5	203	
1"	25	25	KL111111	50	165	140.5	201.5	125 127	KL111111	50	165	140.5	201.5	160
			KL121111	50	170.5	120.5	214		KL121111	50	170.5	120.5	214	
1-1/4"	32	32	KL111111	50	165	140.5	208.5	130 140	KL111111	50	165	140.5	208.5	180
			KL121111	50	170.5	120.5	221		KL121111	50	170.5	120.5	221	
1-1/2"	40	40	KL111111	50	165	140.5	213.5	140 165	KL111111	50	165	140.5	213.5	200
			KL121111	50	170.5	120.5	226		KL121111	50	170.5	120.5	226	
2"	50	50	KL111311	100	211.5	154	253.5	150 178	KL111311	100	211.5	154	253.5	230
			KL121311	100	217.5	139	267		KL121311	100	217.5	139	267	
2-1/2"	65	65	KL111311	100	211.5	154	272.5	170 190	KL111311	100	211.5	154	272.5	290
			KL121311	100	217.5	139	286		KL121311	100	217.5	139	286	
3"	80	80	KL111511	200	259	154	317	180 203	KL111511	200	259	186	317	310
			KL121511	200	217.5	139	296		KL121511	200	217.5	139	296	
4"	100	100	KL111511	200	259	186	343	190 229	KL111711	400	259	186	343	350
			KL121511	200	217.5	139	322		KL121711	400	217.5	139	322	
5"	125	125	KL111711	400	259	186	385	325 356	KL111711	400	259	186	385	400
			KL121711	400	266.5	170	396		KL121711	400	266.5	170	396	
6"	150	150	KL111911	600	259	186	431	350 394	KL111911	600	259	186	431	450
			KL121911	600	266.5	170	415		KL121911	600	266.5	170	415	
8"	200	200	KL112111	1000	283	193	482	400 457	KL112111	1000	283	193	482	550

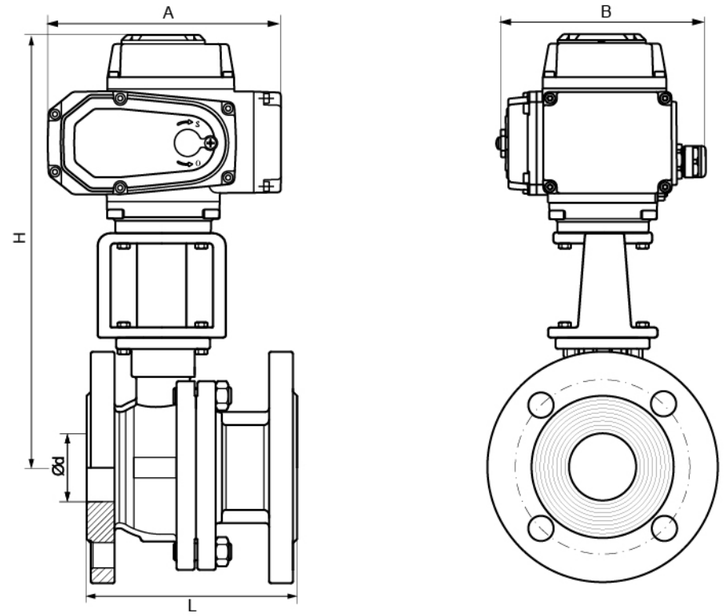
注：阀体详细数据请详见BH ISO5211平台两片式法兰球阀
以上为常规工况执行器配置尺寸，
如特殊工况的执行器配置详询埃克美迅技术部。

Note:Details please refer to BH ISO5211 two pieces flanged ball valve;
Above information is under normal working conditon, Please consult the technical department in case of special working conditions

尺寸/Dimension

FLANGE 300LB

EICMATION®



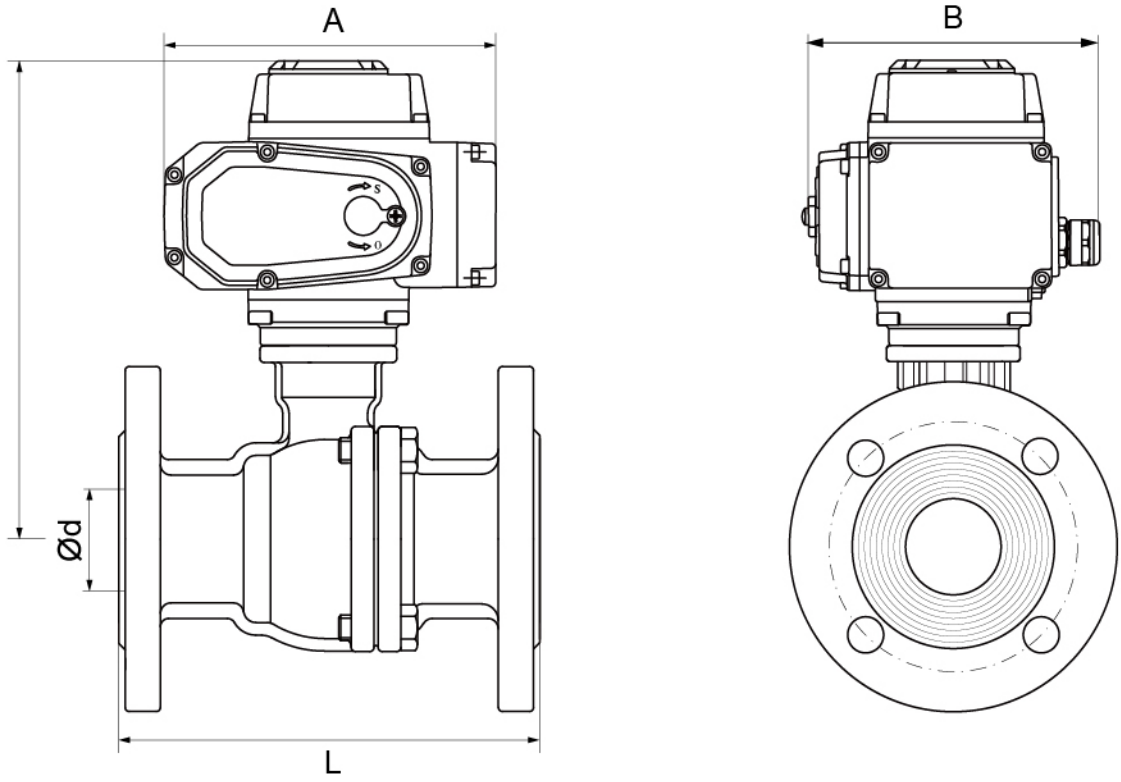
SIZE	DN	Ød	Actuator		A	B	H	L
			Model	Torque(NM)				
1/2"	15	15	KL111111	50	165	140.5	303	140
			KL121111	50	170.5	120.5	315.5	
3/4"	20	20	KL111111	50	165	140.5	314	152
			KL121111	50	170.5	120.5	326.5	
1"	25	25	KL111111	50	165	140.5	317.5	165
			KL121111	50	170.5	120.5	330	
1-1/4"	32	32	KL111111	50	165	140.5	322	178
			KL121111	50	170.5	120.5	334.5	
1-1/2"	40	40	KL111111	50	165	140.5	333.5	190
			KL121111	50	170.5	120.5	346	
2"	50	50	KL111311	100	211.5	154	369	216
			KL121311	100	217.5	139	382.5	
2-1/2"	65	65	KL111311	100	211.5	154	381.5	241
			KL121311	100	217.5	139	395	
3"	80	80	KL111511	200	259	186	426	283
			KL121511	200	217.5	139	405	
4"	100	100	KL111711	400	259	186	448	305
			KL121711	400	266.5	170	458	
5"	125	125	KL111711	400	259	186	475	381
			KL121711	400	266.5	170	486	
6"	150	150	KL111911	600	259	259	480	403
			KL121911	600	266.5	266.5	490	
8"	200	200	KL112111	1000	283	193	515.5	502

注：阀体详细数据请详见BH ISO5211平台两片式法兰球阀
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尺寸/Dimension

GB FLANGE PN16/PN25/PN40



			PN16						PN25/PN40					
SIZE	DN	Ød	Actuator		A	B	H	L	Actuator		A	B	H	L
			Model	Torque(NM)					Model	Torque(NM)				
1/2"	15	15	KL111111	50	165	140.5	185.5	130	KL111111	50	165	140.5	185.5	130
			KL121111	50	170.5	120.5	198		KL121111	50	170.5	120.5	198	
3/4"	20	20	KL111111	50	165	140.5	190.5	130	KL111111	50	165	140.5	190.5	130
			KL121111	50	170.5	120.5	203		KL121111	50	170.5	120.5	203	
1"	25	25	KL111111	50	165	140.5	201.5	140	KL111111	50	165	140.5	201.5	140
			KL121111	50	170.5	120.5	214		KL121111	50	170.5	120.5	214	
1-1/4"	32	32	KL111111	50	165	140.5	208.5	165	KL111111	50	165	140.5	208.5	165
			KL121111	50	170.5	120.5	221		KL121111	50	170.5	120.5	221	
1-1/2"	40	40	KL111111	50	165	140.5	213.5	165	KL111111	50	165	140.5	213.5	165
			KL121111	50	170.5	120.5	226		KL121111	50	170.5	120.5	226	
2"	50	50	KL111311	100	211.5	154	253.5	203	KL111311	100	211.5	154	253.5	203
			KL121311	100	217.5	139	267		KL121311	100	217.5	139	267	
2-1/2"	65	65	KL111311	100	211.5	154	272.5	222	KL111311	100	211.5	154	272.5	241
			KL121311	100	217.5	139	286		KL121311	100	217.5	139	286	
3"	80	80	KL111511	200	259	154	317	241	KL111511	200	259	186	317	283
			KL121511	200	217.5	139	296		KL121511	200	217.5	139	296	
4"	100	100	KL111511	200	259	186	343	305	KL111711	400	259	186	343	305
			KL121511	200	217.5	139	322		KL121711	400	266.5	170	353	
5"	125	125	KL111711	400	259	186	385	356	KL111711	400	259	186	385	381
			KL121711	400	266.5	170	396		KL121711	400	266.5	170	396	
6"	150	150	KL111911	600	259	186	431	394	KL111711	600	259	186	405	403
			KL121911	600	266.5	170	415		KL121711	600	266.5	170	415	
8"	200	200	KL112111	1000	283	193	482	457	KL112111	1000	283	193	482.5	502

注：阀体详细数据请详见BH ISO5211平台两片式法兰球阀
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Note:Details please refer to BH ISO5211 two pieces flanged ball valve;
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