

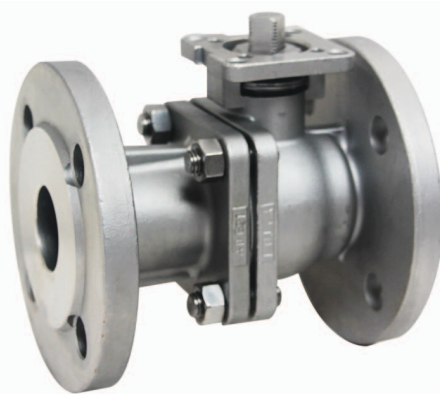
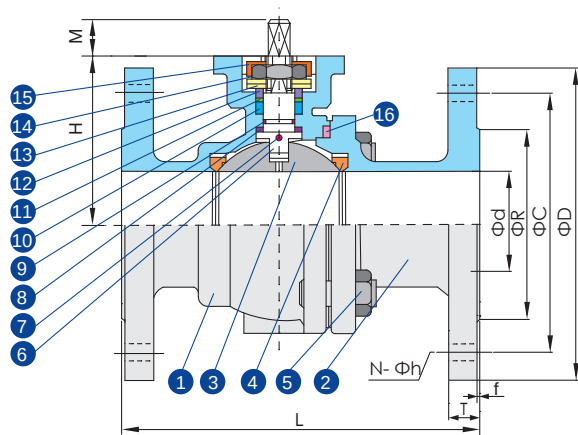
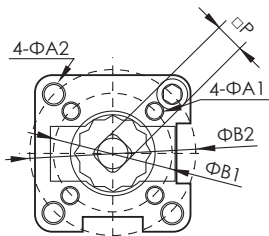
Series MV-416 ASME CLASS 150/300

2 Piece Flanged Ball Valve

Size: 1/2"-8"

标准规范 APPLICABLE STANDARDS

- ◆设计标准(Design): ASME B16.34, API 608
- ◆结构长度(Face to face): ASME B16.10
- ◆法兰接端(End Flange): ASME B16.5
- ◆壁厚(Wall Thickness): ASME B16.34
- ◆防火测试(Fire Safe): API 607 5th 2005, ISO 10497
- ◆检验与测试(Inspection & Testing): API 598, API 6D



序号/No.	零件名称/PART NAME	材质/MATERIALS		
1	阀体/Body	CF8M	CF8	WCB
2	阀盖/End Cap	CF8M	CF8	WCB
3	球体/Ball	CF8M	CF8	
4	阀座/Ball Seat	PTFE/RTFE		
5	螺栓螺母/Flange Bloting	A194-8		A194-2H
6	阀杆/Stem	SUS316	SUS304	
7	防静电装置/Anti-Static	SUS316	SUS304	
8	止推垫圈/Stem Deal-Ring	PTFE		
9	O型密封圈/O-ring	FKM (VITON)		
10	阀杆填料/V-Ring Stem Packing	PTFE/ GRAFOIL*		
11	密封衬套/Bushing	50%SS+50%PTFE/ SUS304*		
12	格南/Gland	SUS316		
13	碟型弹片/Belleville Washer	SUS301		
14	阀杆螺母/Stem Nut	A194-8		
15	定位锁盖/Stop-lock-cap	SUS304		
16	阀盖垫圈/Body Gasket	PTFE/ 316 SPIRAL WOUND+GRAFOIL*		

*Fire safe

◆ ASME CLASS 150

Size	Ød	L	ØR	ØD	ØC	T	f	N	Øh	H	M	P	A1	A2	B1	B2	ISO5211	DA/SR	TE/TM
1/2"	15	108	35.0	89.0	60.5	9.7	2	4	16.0	48.0	9	9	6.0	6.0	36	42	F03-F04	52/52	50
3/4"	20	117	43.0	98.6	70.0	10.5	2	4	16.0	53.0	9	9	6.0	7.0	36	50	F03-F05	52/63	50
1"	25	127	51.0	108.0	79.2	11.2	2	4	16.0	58.5	11	11	6.0	7.0	42	50	F04-F05	52/63	50
1-1/4"	32	140	63.5	117.0	88.9	12.7	2	4	16.0	71.0	11	11	6.0	9.0	42	70	F04-F07	63/75	50
1-1/2"	38	165	73.2	127.0	98.6	14.2	2	4	16.0	76.0	14	14	7.0	9.0	50	70	F05-F07	63/85	50
2"	50	178	92.0	152.5	120.7	15.9	2	4	19.0	85.0	14	14	7.0	9.0	50	70	F05-F07	75/85	50
2-1/2"	65	190	104.7	177.8	139.7	17.5	2	4	19.0	101.5	17	17	9.0	11.0	70	102	F07-F10	85/100	100
3"	80	203	127.0	190.5	152.4	19.1	2	4	19.0	111.5	17	17	9.0	11.0	70	102	F07-F10	100/125	200
4"	100	229	157.2	228.6	190.5	23.9	2	8	19.0	140.0	22	22	N/A	11.0	N/A	102	F10	115/140	200
5"	125	356	186.0	254.0	216.0	24.0	2	8	22.3	183.0	27	27	14.0	N/A	125	N/A	F12	140/180	400
6"	150	394	216.0	279.4	241.3	25.4	2	8	22.3	204.0	27	27	14.0	N/A	125	N/A	F12	160/200	600
8"	200	457	270.0	342.9	298.5	28.5	2	8	22.3	252.5	27	27	14.0	N/A	125	N/A	F12	180/240	600

◆ ASME CLASS 300

Size	Ød	L	ØR	ØD	ØC	T	f	N	Øh	H	M	P	A1	A2	B1	B2	ISO5211	DA/SR	TE/TM
5"	125	381	186	279.4	235.0	35.0	2	8	22.3	183.0	27	27	14.0	N/A	125	N/A	F12	140/180	400
6"	150	403	216	317.5	269.8	36.6	2	8	22.3	204.0	27	27	14.0	N/A	125	N/A	F12	160/200	600
8"	200	502	270	381.0	330.2	41.2	2	12	25.4	252.5	27	27	14.0	N/A	125	N/A	F12	180/240	600

*416A-CLASS 150 416B- CLASS300

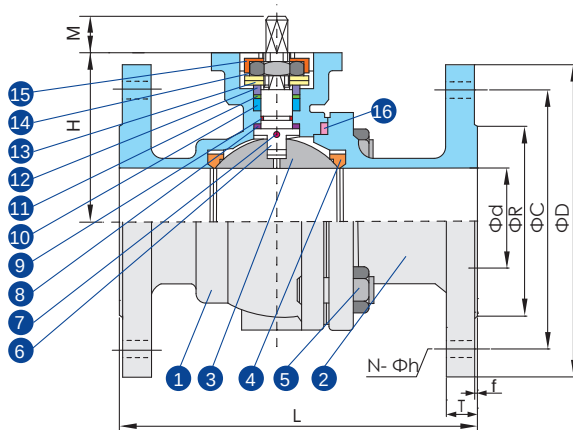
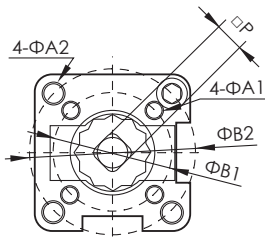
Series MV-416 DIN PN10-40

2 Piece Flanged Ball Valve

Size: DN15-DN200

标准规范APPLICABLE STANDARDS

- ◆设计标准(Design): DIN 3357/1,2, EN 12516-1
- ◆结构长度(Face to face):
DIN 3202 F17(F1 DN15-DN100/F7 DN125-DN200)
F18(F4 DN15-DN100/F5 DN125-DN200)
- ◆法兰接口(End Flange): DIN 2501 PN10-PN40
- ◆壁厚(Wall Thickness): ASME B16.34, EN12516-1
- ◆防火测试(Fire Safe): API 607 5th 2005, ISO 10497
- ◆检验与测试(Inspection & Testing): DIN 3230/3, EN 12266



序号/No.	零件名称/PART NAME	材质/MATERIALS		
1	阀体/Body	1.4408	1.4308	1.0619
2	阀盖/End Cap	1.4408	1.4308	1.0619
3	球体/Ball	1.4408	1.4308	
4	阀座/Ball Seat	PTFE/RTFE		
5	螺栓螺母/Flange Bolting	A194-8		A194-2H
6	阀杆/Stem	SUS316	SUS304	
7	防静电装置/Anti-Static	SUS316	SUS304	
8	止推垫圈/Stem Deal-Ring	PTFE		
9	O型密封圈/O-ring	FKM (VITON)		
10	阀杆填料/V-Ring Stem Packing	PTFE/ GRAFOIL*		
11	密封衬套/Bushing	50%SS+50%PTFE/ SUS304*		
12	格南/Gland	SUS316		
13	碟型弹片/Belleville Washer	SUS301		
14	阀杆螺母/Stem Nut	A194-8		
15	定位锁盖/Stop-lock-cap	SUS304		
16	阀盖垫圈/Body Gasket	PTFE/ 316 SPIRAL WOUND+GRAFOIL*		

*Fire safe

◆ DIN PN10/16/25/40

Size	PN	Ød	L	ØR	ØD	C	f	T	N	Øh	H	M	P	A1	A2	B1	B2	ISO5211	DA/SR	TE/TM
DN15 1/2"	10	15.0	115	45	95	65	2	16	4	14	48.0	9	9	6.0	6.0	36	42	F03-F04	52/52	50
DN20 3/4"		20.0	120	58	105	75	2	18	4	14	53.0	9	9	6.0	6.0	36	42	F03-F04	52/63	50
DN25 1"	16	25.0	125	68	115	85	2	18	4	14	58.5	11	11	6.0	7.0	42	50	F04-F05	52/63	50
DN32 1-1/4"	25	32.0	130	78	140	100	2	18	4	18	71.0	11	11	6.0	7.0	42	50	F04-F05	63/75	50
DN40 1-1/2"	40	38.0	140	88	150	110	3	18	4	18	76.0	14	14	7.0	9.0	50	70	F05-F07	63/85	50
DN50 2"		50.0	150	102	165	125	3	20	4	18	85.0	14	14	7.0	9.0	50	70	F05-F07	75/85	50
DN65 2-1/2"	10/16 25/40	63.5	170	122	185	145	3	18 22	4 8	18	101.5	17	17	9.0	11.0	70	102	F07-F10	85/100	100
DN80 3"	10/16 25/40	76.0	180	138	200	160	3	20 24	8	18	111.5	17	17	9.0	11.0	70	102	F07-F10	100/125	200
DN100 4"	10/16 25/40	100.0	190	158 162	220 235	180 190	3	20 24	8	18 22	140.0	22	22	N/A	11.0	N/A	102	F10	115/140	200
DN125 5"	10/16 25/40	125.0	325	188 270	250 220	210 220	3	22 26	8	18 26	183.0	27	27	14.0	N/A	125	N/A	F12	140/180	400
DN150 6"	10/16 25/40	150.0	350	212 218	285 300	240 250	3	22 28	8	22 26	204.0	27	27	14.0	N/A	125	N/A	F12	160/200	600
DN200 8"	10	200.0	400	268	340	295	3	24	8	22	252.5	27	27	14.0	N/A	125	N/A	F12	180/240	600
	16			278	360	310		30		26										
	25 40			285 375	360 320	310 320		34		30										

*416C-PN10 416D-PN16 416E-PN25 416F-PN40

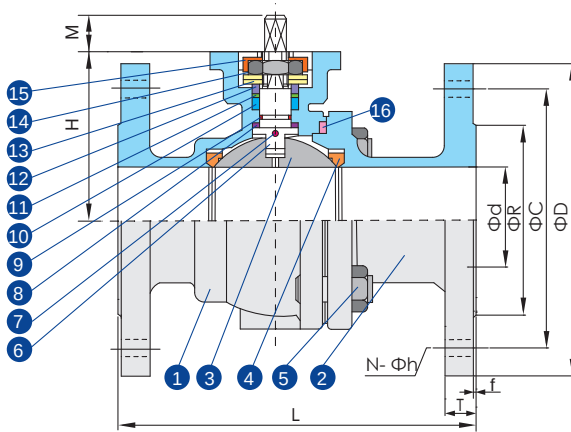
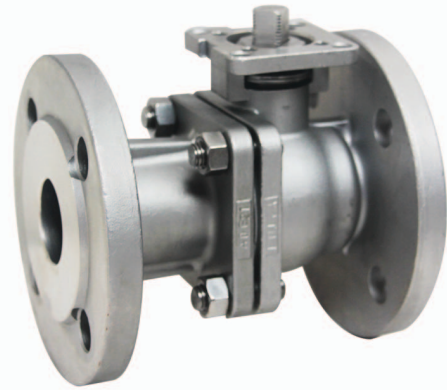
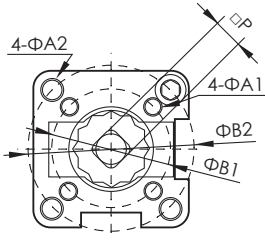
Series MV-416 GB PN16-40

2 Piece Flanged Ball Valve

Size: DN15-DN200

标准规范APPLICABLE STANDARDS

- ◆设计标准(Design): GB12224 GB12237
- ◆结构长度(Face to face): GB 12221
- ◆法兰接端(End Flange): GB 9113.1
- ◆壁厚(Wall Thickness): ASME B16.34
- ◆防火测试(Fire Safe): API 607 5th 2005, ISO 10497
- ◆检验与测试(Inspection & Testing): GB/T13927, API 598



序号/No.	零件名称/PART NAME	材质/MATERIALS		
1	阀体/Body	CF8M	CF8	WCB
2	阀盖/End Cap	CF8M	CF8	WCB
3	球体/Ball	CF8M	CF8	
4	阀座/Ball Seat	PTFE/RTFE		
5	螺栓螺母/Flange Bolting	A194-8		A194-2H
6	阀杆/Stem	SUS316	SUS304	
7	防静电装置/Anti-Static	SUS316	SUS304	
8	止推垫圈/Stem Deal-Ring	PTFE		
9	O型密封圈/O-ring	FKM (VITON)		
10	阀杆填料/V-Ring Stem Packing	PTFE/ GRAFOIL*		
11	密封衬套/Bushing	50%SS+50%PTFE/ SUS304*		
12	格南/Gland	SUS316		
13	碟型弹片/Belleville Washer	SUS301		
14	阀杆螺母/Stem Nut	A194-8		
15	定位锁盖/Stop-lock-cap	SUS304		
16	阀盖垫圈/Body Gasket	PTFE/ 316 SPIRAL WOUND+GRAFOIL*		

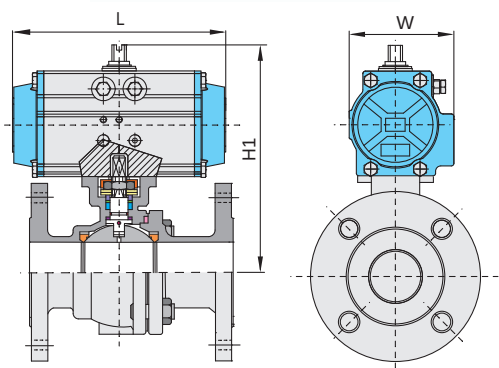
*Fire safe

◆ GB PN16/25/40

Size	PN	Ød	L	ØR	ØD	ØC	f	T	H	N	Øh	M	P	A1	A2	B1	B2	ISO5211	DA/SR	TE/TM
DN15 1/2"	16	15	130	46	95	65	2	14	48.0	4	14	9	9	6.0	6.0	36	42	F03-F04	52/52	50
DN20 3/4"		20	130	56	105	75	2	16	53.0	4	14	9	9	6.0	6.0	36	42	F03-F04	52/63	50
DN25 1"	25	25	140	65	115	85	3	16	58.5	4	14	11	11	6.0	7.0	42	50	F04-F05	52/63	50
DN32 1-1/4"		32	165	76	140	100	3	18	71.0	4	18	11	11	6.0	7.0	42	50	F04-F05	63/75	50
DN40 1-1/2"	40	38	165	84	150	110	3	18	76.0	4	18	14	14	7.0	9.0	50	70	F05-F07	63/85	50
DN50 2"		50	203	99	165	125	3	20	85.0	4	18	14	14	7.0	9.0	50	70	F05-F07	75/85	50
DN65 2-1/2"	16 25/40	65	222	118	185	145	3	20 22	101.5	4 8	18	17	17	9.0	11.0	70	102	F07-F10	85/100	100
DN80 3"	16 25/40	76	241	132	200	160	3	20 24	111.5	8	18	17	17	9.0	11.0	70	102	F07-F10	100/125	200
DN100 4"	16 25/40	100	305	156	220 235	180 190	3	22 24	140.0	8	18 22	22	22	N/A	11.0	N/A	102	F10	115/140	200
DN125 5"	16 25/40	125	356	184	250 270	210 220	3	22 26	183.0	8	18 26	27	27	14.0	N/A	125	N/A	F12	140/180	400
DN150 6"	16 25/40	150	394	211	285 300	240 250	3	24 28	204.0	8	22 26	27	27	14.0	N/A	125	N/A	F12	160/200	600
DN200 8"	16 25 40	200	457	266 274 284	340 360 375	295 310 320	3	24 30 34	252.5	12	22 26 30	27	27	14.0	N/A	125	N/A	F12	180/240	600

*416G-PN16 416H-PN25 416I-PN40

Valve With Pneumatic Actuator/气动球阀



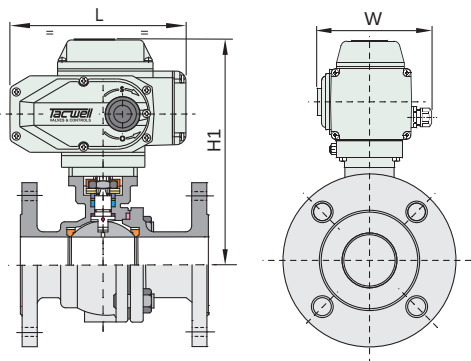
..... 双动 (DA) 和单动 (SR) 气控执行器特性：

Double and single acting pneumatic actuator features :

- ◆供气5.5bar, 最高8bar。(经过滤的压缩空气)
Air supply: 5.5 bar; maximum 8.4 bar. r(with compressed filtered air)
- ◆温度 -20°C to +80°C; (+150°C 可特殊定制)
Temperature: from -20°C to +80°C; (+150°C in special execution)
- ◆齿轮齿条式设计 Rack and pinion design
- ◆旋转角度 90°±5°, ±5° 微调
Rotation agnle 90°±5°, adjusting stroke ±5°
- ◆连接附件符合NAMUR标准 NAMUR connection for accessories
- ◆可视位置指示 Visual indicator

Size	DOUBLE ACTUATOR				SPRING RETURN ACTUATOR			
	DA	H1	L	W	SR	H1	L	W
DN15	52	137.5	139.5	71.0	52	137.5	139.5	71
DN20	52	142.5	139.5	71.0	63	154	162	80.5
DN25	52	148.0	139.5	71.0	63	159.5	162	80.5
DN32	63	172.0	162	80.5	75	188	207	94.5
DN40	63	177.0	162	80.5	85	205	237.5	106
DN50	75	202.0	207	94.5	85	214	237.5	106
DN65	85	230.5	237.5	106.0	100	243.5	271.5	123
DN80	100	253.5	271.5	123.0	125	295.5	366	148
DN100	115	312.0	328	137.0	140	346.0	428	164
DN125	140	389.0	428	164.0	180	435.0	482	204
DN150	160	426.0	430	186.5	200	478.0	532	224
DN200	180	504.5	482	204.0	240	570.5	662	266

Valve With Electric Actuator/电动球阀



..... 电动执行器特性

ELECTRIC ACTUATORS FEATURES

- ◆TE系列开关型电动执行器 TE Series, ON-OFF rotative type
- ◆TM系列调节型电动执行器 TM Series, Rotative modular type
- ◆开关位置限位开关(2*SPDT) OPEN-CLOSE Limit switches(2*SPDT)
- ◆输入/输出信号:4-20 mA (0-5Vdc)
- ◆电压: 110VAC, 220VAC, 380VAC, 24VAC, 24VDC
- ◆Voltage: 110VAC, 220VAC, 380VAC, 24VAC, 24VDC
- ◆防护等级: IP67(符合NEMA4.4X)
- ◆Portection according to NEMA 4,4X rules(IP67)
- ◆电机带过热保护 Auto-reset thermostatic protection in the motor
- ◆带手动操作 Manual override
- ◆带位置指示 Visual indicator

Size	WITH ON-OF ELECTRIC ACTUATOR				WITH ROTARY MODULATING ELECTRIC ACTUATOR			
	TE	H1	L	W	TM	H1	L	W
DN15	50	173	160	137	50	173	160	137
DN20	50	178	160	137	50	178	160	137
DN25	50	183.5	160	137	50	183.5	160	137
DN32	50	196	160	137	50	196	160	137
DN40	50	201	160	137	50	201	160	137
DN50	50	210	160	137	50	210	160	137
DN65	100	259.5	196	145	100	259.5	196	145
DN80	200	269.5	255	145	200	269.5	255	145
DN100	200	336	255	182	200	336	255	182
DN125	400	379	255	182	400	379	255	182
DN150	600	400	255	182	600	400	255	182
DN200	600	448.5	255	182	600	448.5	255	182