

Series MV-353/354 1000WOG

3 Way Threads Reduced Bore Ball Valve

Size: 1/4"~1-1/2"

设计特性 DESIGN FEATURES

- ◆采用脱蜡精密铸造
- ◆可选用多种螺纹标准
- ◆采用ISO 5211直接安装执行器平台设计
- ◆阀球与阀体之间带防静电装置
- ◆阀杆密封结构设计取得德国TÜV TA-Luft密封测试认证
- ◆每90°可转动，每90°可锁紧定位
- ◆**MV-353**: L型流道口
- ◆**MV-354**: T型流道口

标准规范 APPLICABLE STANDARDS

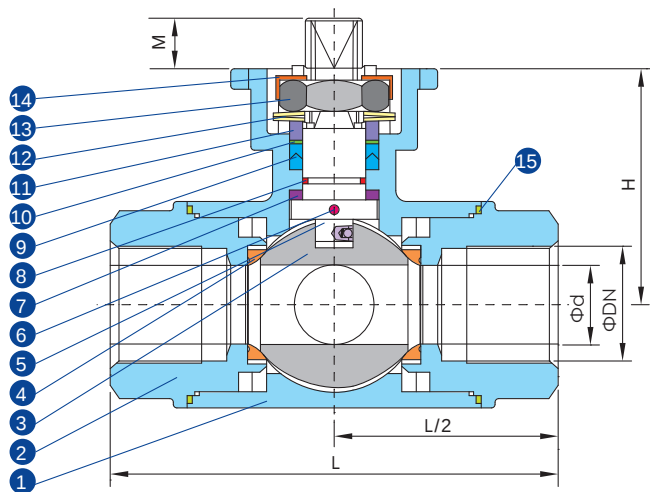
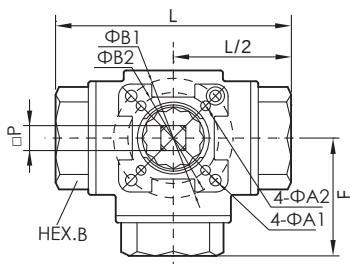
设计标准(Design): ASME B16.34, API 608

壁厚(Wall Thickness): ASME B16.34 Class 400

管螺纹接口(Pipe Thread): ASME B1.20.1, BS21

DIN 2999/259, ISO 228/1

检验与测试(Inspection & Testing): API 598, EN 12266



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	TFM1600/PTFE/RTFE		
5	阀杆/Stem	SUS 316	SUS304	
6	防静电装置/Anti-Static	SUS 316	SUS304	
7	止推垫圈/Stem Deal-Ring	PTFE		
8	O型密封圈/O-ring	FKM(VITON)		
9	V型阀杆填料/V-Ring Stem Packing	PTFE		
10	密封衬套/Bushing	50%SS+50%PTFE		
11	格南/Gland	SUS 316		
12	碟型弹片/Belleville Washer	SUS 301		
13	阀杆螺母/Stem Nut	A194-8		
14	定位锁盖/Stop-lock-cap	SUS 304		
15	阀盖垫圈/Body Gasket	PTFE		

1000WOG Reduced Bore

Size	Ød	L	H	M	F	ØB1	ØB2	ØA1	ØA2	P	HEX.B	ISO5211	DA/SR	TE/TM
1/4"	11	79	42.0	9	39.5	42	36	6	6	9	27	F03-F04	52/52	50
3/8"	11	79	42.0	9	39.5	42	36	6	6	9	27	F03-F04	52/52	50
1/2"	11	79	42.0	9	39.5	42	36	6	6	9	27.0	F03-F04	52/52	50
3/4"	15	88	49.0	9	44.0	50	36	7	6	9	34.0	F03-F05	52/63	50
1"	20	108	59.5	11	54.0	50	42	7	6	11	41.0	F04-F05	52/63	50
1-1/4"	25	124	63.0	11	62.0	70	42	9	6	11	50.0	F04-F07	63/75	50
1-1/2"	32	135	73.5	14	67.5	70	50	9	7	14	56.0	F05-F07	63/75	50
2"	40	164	82.8	14	82.0	70	50	9	7	14	70.0	F05-F07	75/85	50

Series MV-357/358 1000WOG

3 Way Threads Full Bore Ball Valve

Size: 1/4"-2"

设计特性 DESIGN FEATURES

- ◆采用脱蜡精密铸造
- ◆可选用多种螺纹标准
- ◆采用ISO 5211直接安装执行器平台设计
- ◆阀球与阀体之间带防静电装置
- ◆阀杆密封结构设计取得德国TÜV TA-Luft密封测试认证
- ◆每90°可转动，每90°可锁紧定位
- ◆**MV-357**: L型流道口
- ◆**MV-358**: T型流道口

标准规范 APPLICABLE STANDARDS

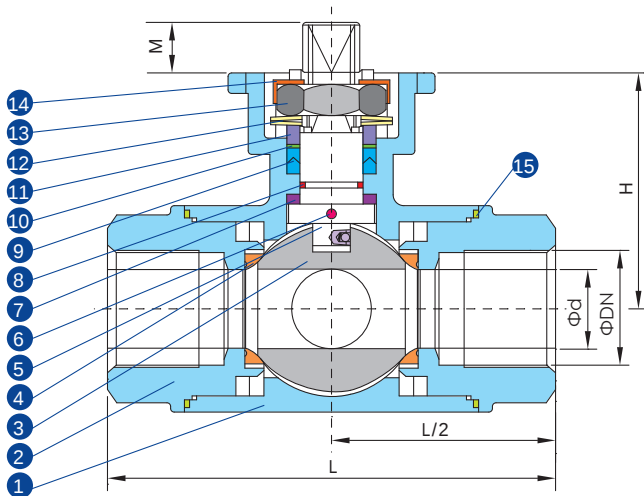
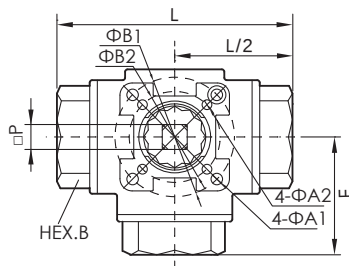
设计标准(Design): ASME B16.34, API 608

壁厚(Wall Thickness): ASME B16.34 Class 400

管螺纹接口(Pipe Thread): ASME B1.20.1, BS21

DIN 2999/259, ISO 228/1

检验与测试(Inspection & Testing): API 598, EN 12266



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	TFM1600/PTFE/RTFE		
5	阀杆/Stem	SUS 316	SUS304	
6	防静电装置/Anti-Static	SUS 316	SUS304	
7	止推垫圈/Stem Deal-Ring	PTFE		
8	O型密封圈/O-ring	FKM(VITON)		
9	V型阀杆填料/V-Ring Stem Packing	PTFE		
10	密封衬套/Bushing	50%SS+50%PTFE		
11	格南/Gland	SUS 316		
12	碟型弹片/Belleville Washer	SUS 301		
13	阀杆螺母/Stem Nut	A194-8		
14	定位锁盖/Stop-lock-cap	SUS 304		
15	阀盖垫圈/Body Gasket	PTFE		

1000WOG RB Full Bore

Size	Ød	L	H	M	F	ØB1	ØB2	ØA1	ØA2	P	HEX.B	ISO5211	DA/SR	TE/TM
1/4"	11	79	42.0	9	39.5	42	36	6	6	9	22	F03-F04	52/52	50
3/8"	11	79	42.0	9	39.5	42	36	6	6	9	23.5	F03-F04	52/52	50
1/2"	15	88	49.0	9	44.0	50	36	7	6	9	27.0	F03-F05	52/52	50
3/4"	20	108	59.5	11	54.0	50	42	7	6	11	34.0	F04-F05	52/63	50
1"	25	124	63.0	11	62.0	70	42	9	6	11	41.0	F04-F07	52/63	50
1-1/4"	32	135	73.5	14	67.5	70	50	9	7	14	50.0	F05-F07	63/75	50
1-1/2"	40	164	82.8	14	82.0	70	50	9	7	14	56.0	F05-F07	63/75	50

..... Series MV-353/354,357/358

3 Way Threads Ball Valve

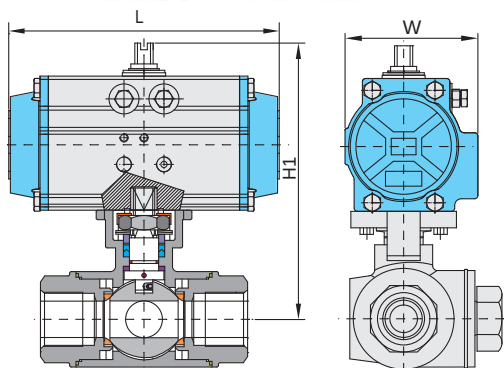
Valve With Pneumatic Actuator/气动球阀



..... 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
1/4"	52	131.5	139.5	71	52	131.5	139.5	71
3/8"	52	131.5	139.5	71	52	131.5	139.5	71
1/2"	52	131.5	139.5	71	52	131.5	139.5	71
3/4"	52	138.5	139.5	71	63	150.0	162	80.5
1"	52	149.0	139.5	71	63	160.5	162	80.5
1-1/4"	63	164.0	162	80.5	75	180.0	207	94.5
1-1/2"	63	174.5	162	80.5	75	190.5	207	94.5
2"	75	199.8	207	94.5	85	211.8	237.5	106

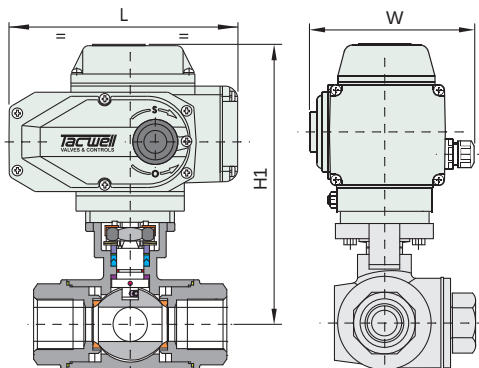
Valve With Electric Actuator/电动球阀



..... 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) Input/Output signal: 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/TM	H1	L	W	TM	H1	L	W
1/4"	50	167	160	137	50	167	160	137
3/8"	50	167	160	137	50	167	160	137
1/2"	50	167	160	137	50	167	160	137
3/4"	50	174	160	137	50	174	160	137
1"	50	184.5	160	137	50	184.5	160	137
1-1/4"	50	188	160	137	50	188	160	137
1-1/2"	50	198.5	160	137	50	198.5	160	137
2"	50	207.8	160	137	50	207.8	160	137