

Series MV-330/331/332 1000WOG

3 Piece Threads Ball Valve

Size: 1/4"-4"

设计特性 DESIGN FEATURES

- ◆采用脱蜡精密铸造
- ◆采用ISO 5211直接安装执行器平台设计
- ◆阀杆与阀体之间带防静电装置
- ◆阀杆防爆出装置设计
- ◆双蝶形弹片设计能保证始终有预紧力压紧填料
- ◆阀杆密封结构设计取得德国TÜV TA-Luft密封测试认证

标准规范 APPLICABLE STANDARDS

设计标准(Design): ASME B16.34, API 608

壁厚(Wall Thickness): EN 12516-3

管螺纹接口(Pipe Thread): **MV-330** ASME B1.20.1, BS21

DIN 2999/259

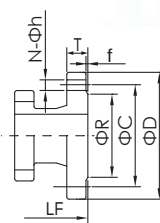
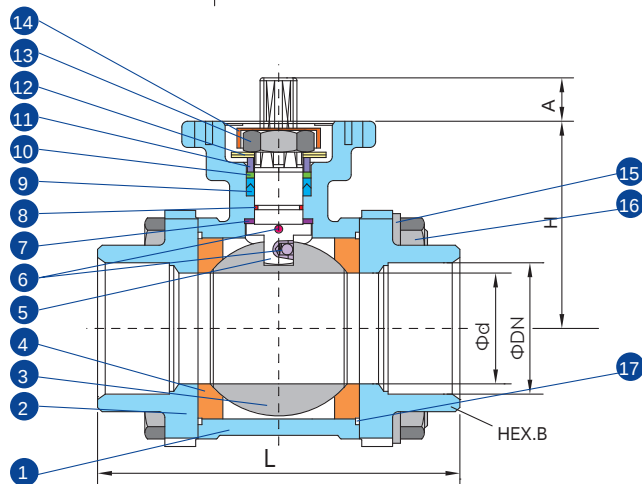
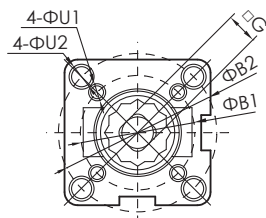
ISO 7/1, ISO 228/1

对焊端(Butt Weld): **MV-331** ASME B16.25(ΦB2 Sch 40)

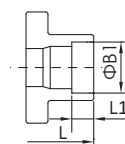
ΦB2 Available in Sch 10, 20

套焊端(Socket Weld): **MV-332** ASME B16.11

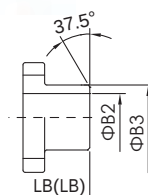
检验与测试(Inspection & Testing): API 598, EN 12266



FLANGED END
PN10-40 F1



SOCKET WELD END



LB(标准焊端)
LE(加长焊端)

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
	焊接阀盖/ Welding End Cap	CF8M		
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	阀杆密封圈/Thrush washer	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	定位锁盖/Stop-lock-cap	SUS 304		
14	阀杆螺母/Stem Nut	A194-8		
15	弹簧垫圈/Spring Washer	SUS 304		
16	螺栓螺母/Flange Bolting	A194-8		
17	阀盖垫圈/Body Gasket	PTFE		

1000WOG

Size	Φd	L	LB	LE	LF	H	ΦE1	ΦE2	G	ΦU1	ΦU2	A	ΦD	ΦC	ΦR	T	f	N	Φh	L1	ΦB1	ΦB2	ΦB3	ISO5211	DA/SR	TE/TM
1/4"	10.6	65.2	72	165	-	42.0	36	42	9	6	6	9	-	-	-	-	-	-	-	10	14.2	9.3	18	F03-F04	52/52	50
3/8"	12.7	65.2	72	165	-	42.0	36	42	9	6	6	9	-	-	-	-	-	-	-	10	17.8	12.5	18	F03-F04	52/52	50
1/2"	15.0	69.2	75	165	130	42.0	36	42	9	6	6	9	95	65	45	16	2	4	14	10	21.8	15.8	22	F03-F04	52/52	50
3/4"	20.0	80	90	190	150	48.5	36	50	9	6	7	9	105	75	58	18	2	4	14	13	27.3	20.9	28	F03-F05	52/63	50
1"	25.0	90	100	216	160	58.5	42	50	11	6	7	11	115	85	68	18	2	4	14	13	34.0	26.7	34	F04-F05	52/63	50
1-1/4"	32.0	110	110	229	180	63.0	42	70	11	6	9	11	140	100	78	18	2	4	18	16	42.8	35.1	43	F04-F07	63/75	50
1-1/2"	38.0	120	125	241	200	71	50	70	14	7	9	14	150	110	88	18	3	4	18	16	48.9	40.9	50	F05-F07	63/85	50
2"	50.0	140	150	292	230	78	50	70	14	7	9	14	165	125	102	20	3	4	18	17	61.4	52.5	61	F05-F07	75/85	50
2-1/2"	63.5	185	190	330	290	100.0	70	102	17	9	11	17	185	145	122	22	3	8	18	17	74.0	62.7	76	F07-F10	85/100	100
3"	76.0	205	220	356	310	109	70	102	17	9	11	17	200	160	138	24	3	8	18	17	90.0	78.0	92	F07-F10	100/125	200
4"	100.0	240	270	432	350	140.0	-	102	22	-	11	22	235	190	162	24	3	8	22	20	115.4	102.4	115	F10	115/140	200

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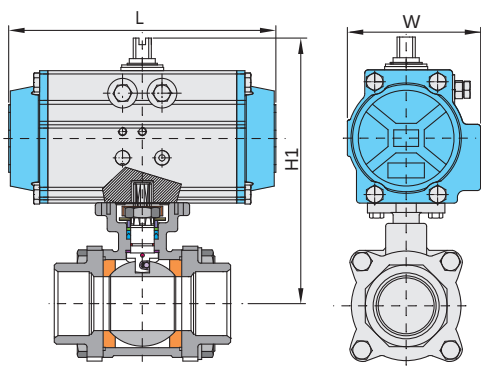
Valve With Pneumatic Actuator/气动球阀



..... 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
8	52	131.5	139.5	71	52	131.5	139.5	71
10	52	131.5	139.5	71	52	131.5	139.5	71
15	52	131.5	139.5	71	52	131.5	139.5	71
20	52	138	139.5	71	63	149.5	162	80.5
25	52	148	139.5	71	63	175.5	162	80.5
32	63	164	162	80.5	75	180	207	94.5
40	63	172	162	80.5	85	200	237.5	106
50	75	195	207	94.5	85	207	237.5	106
65	85	229	237.5	106	100	242	271.5	123
80	100	251	271.5	123	125	293	366	148.0
100	115	312	328	137	140	346	428	164.0

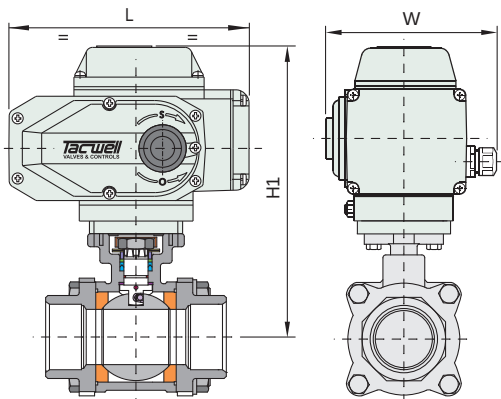
Valve With Electric Actuator/电动球阀



..... 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-OFF ELECTRIC ACTUATOR				WITH ROTARY MODULATING ELECTRIC ACTUATOR			
	TE	H1	L	W	TM	H1	L	W
8	50	167	160	137	50	167	160	137
10	50	167	160	137	50	167	160	137
15	50	167	160	137	50	167	160	137
20	50	173.5	160	137	50	173.5	160	137
25	50	183.5	160	137	50	183.5	160	137
32	50	188	160	137	50	188	160	137
40	50	196	160	137	50	196	160	137
50	50	203	160	137	50	203	160	137
65	100	258	196	145	100	258	196	145
80	200	267	255	182	200	267	255	182
100	200	336	255	182	200	336	255	182