

Series HV-580 PN500

2 Way Carbon Steel Ball Valve

Size: 3/8"-2"

设计特性 DESIGN FEATURES

最大耐压500bar

零泄漏密封

天然气应用

可选材质: 阀体材料: 316SS

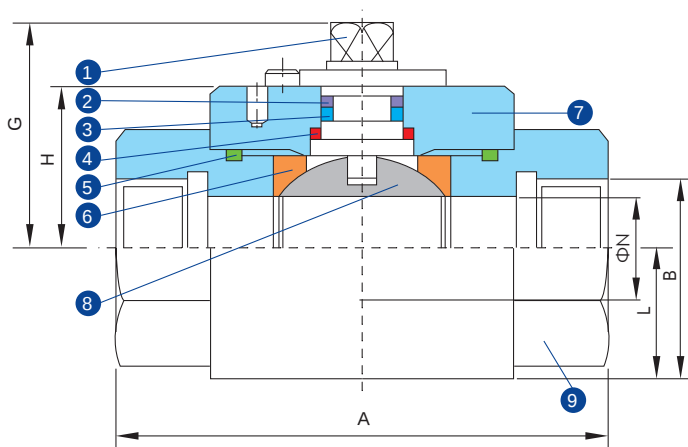
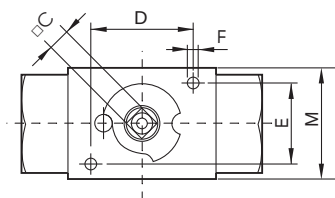
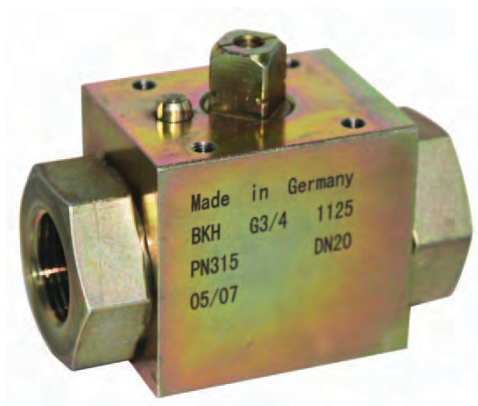
标准规范 APPLICABLE STANDARDS

工作温度: -10 至+100

工作压力: 3/8" PN500、1/2" PN400、3/4"~2" PN315

流体范围: 天然气、油、石化和石油产品

螺纹标准: G3/8"~G2"(NPT)



序号/No.	零件名称/PART NAME	材质/MATERIALS
1	轴/Shaft	Carbon steel
2	O形环保护垫圈/ Washer for o-ring protection	P.T.F.E
3	O形环/O-Ring	NBR
4	垫圈/Washer	Delrin+MoS ₂
5	O形环/O-Ring	NBR
6	球密封/Ball sealing	POM+MoS ₂
7	阀体/Body	Carbon steel
8	球芯/Ball	Carbon steel chrom plat.
9	螺钉端/Threaded end	Carbon steel

Size	A	B	C	D	E	F	G	H	L	M	ØN	DA/SR	TE/TM
3/8"	72	3/8"	9	23	34	M6	34.3	20.5	17.5	32	10	52/63	50
1/2"	83	1/2"	9	23	34	M6	35	21	19	35	13	63/75	50
3/4"	95	3/4"	14	48	36	M8	50.8	32.5	24.5	49	20	75/85	50
1"	113	1"	14	48	36	M8	53.8	35.5	29.5	58	25	75/85	50
1-1/4"	111	1"1/4	17	0	52	M8	66.5	45.5	40.5	81	32	85/100	100
1-1/2"	130	1"1/2	17	0	52	M8	74	53	50	100	38	85/100	100
2"	140	2"	17	0	52	M8	79	58	59	118	48	115/125	200

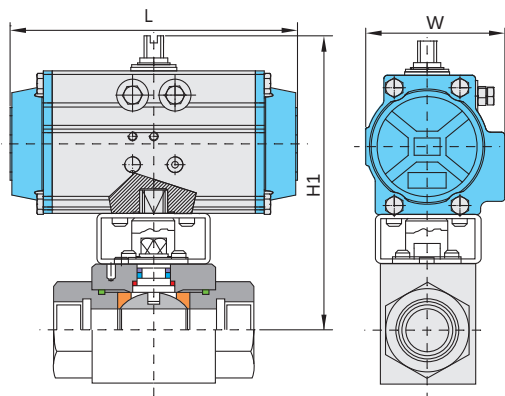
Valve With Pneumatic Actuator/气动球阀



..... 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
3/8"	DA52	150	139.5	71	SR63	162	162	80.5
1/2"	DA63	162	162	80.5	SR75	178	207	94.5
3/4"	DA75	190	207	94.5	SR85	202	237.5	106
1"	DA75	193	207	94.5	SR85	205	237.5	106
1-1/4"	DA85	215	237.5	106	SR100	228	271.5	123
1-1/2"	DA85	222	237.5	106	SR100	235	271.5	123
2"	DA115	270	328	137	SR125	282	366	148

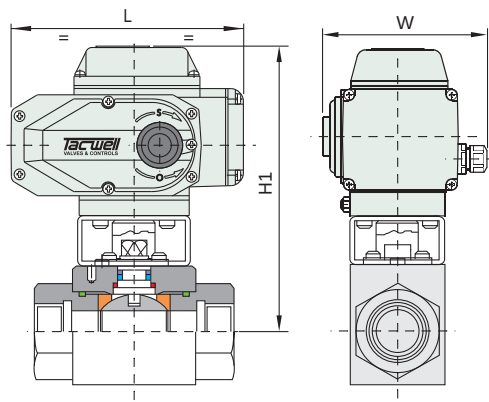
Valve With Electric Actuator/电动球阀



..... 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-OFF ELECTRIC ACTUATOR				WITH ROTARY MODULATING ELECTRIC ACTUATOR			
	TE	H1	L	W	TM	H1	L	W
3/8"	50	186	160	137	50	186	160	137
1/2"	50	186	160	137	50	186	160	137
3/4"	50	198	160	137	50	198	160	137
1"	50	201	160	137	50	201	160	137
1-1/4"	100	244	196	145	100	244	196	145
1-1/2"	100	251	196	145	100	251	196	145
2"	200	294	255	182	200	294	255	182