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 **400-159-1688**
全国招商热线



三片式球阀系列 3PC BALL VALVE SERIES



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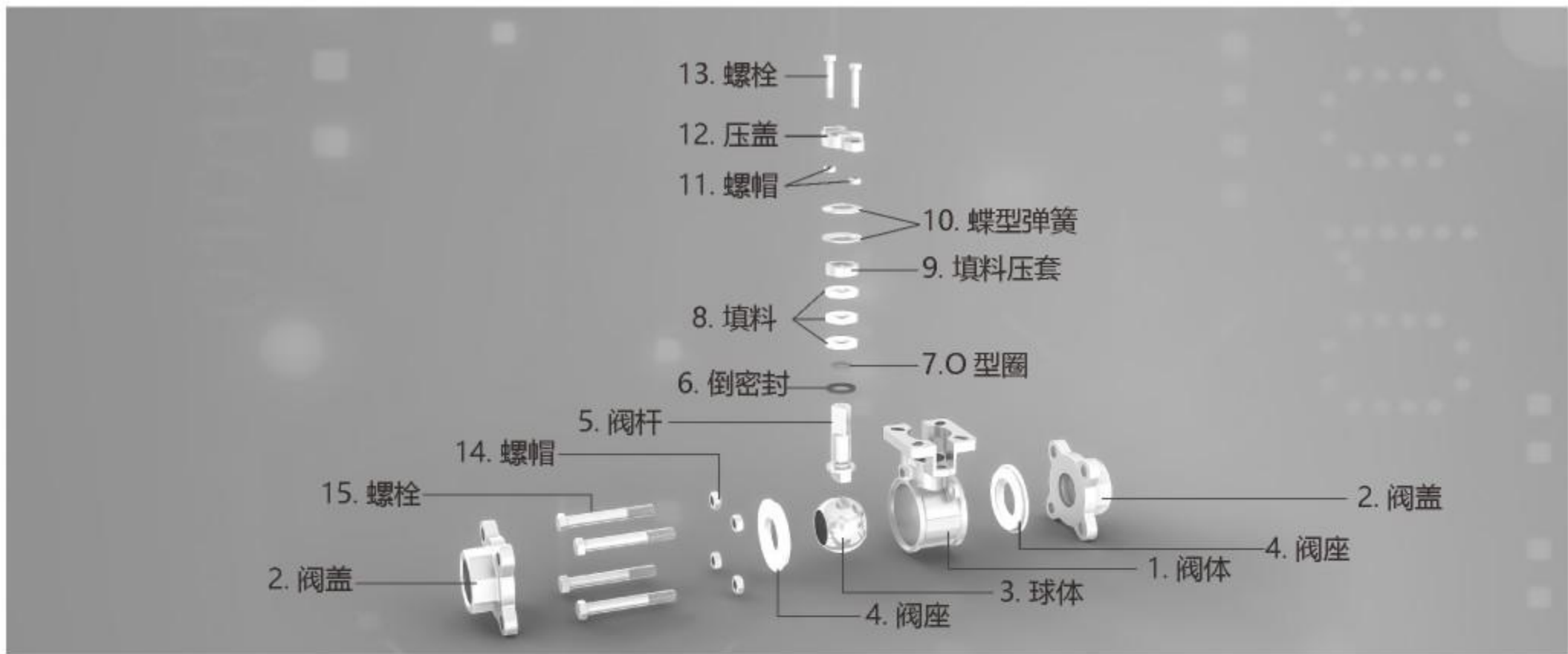
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Website



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Official account



小程序
Applet



主要零件材料 Material parts materials

序号 Serial number	零件名称 Part Name	材料 material
1	阀体 Body	CF8、CF8M、CF3M
2	阀盖 Bonnet	CF8、CF8M、CF3M
3	球体 Ball body	SS304、SS316、SS316L
4	阀座 Seat	PTFE、PPL
5	阀杆 Stem	SS304、SS316、SS316L
6	倒密封 Inverted seal	PTFE、PPL
7	O 型圈 O-ring	氟橡胶 (fluororubber)
8	填料 Filler	PTFE、PPL
9	填料压套 Filling clamping ring	SS304
10	蝶形弹簧 Butterfly spring	SS304
11	螺帽 NUT	SS304
12	压盖 Gland of valve	CF8
13	螺栓 Screw	SS304
14	螺帽 NUT	SS304
15	螺栓 Screw	SS304

产品技术参数 Product Specifications

公称压力 Nominal pressure	1000WOG
公称通径 Nominal diameter	DN15~DN100
连接方式 Connection method	BSPT、BSP、NPT、DIN、JIS、RC、G、对焊 (Butt welding)、承插焊 (Socket welding)
阀体材料 Body material	CF8、CF8M、CF3M 等
阀座形式 Valve seat form	PTFE、PPL
适用温度 proper temperature	软阀座: -20~ + 200°C (Soft seat: -20~ + 200°C)
泄漏等级 Leakage level	ANSI VI
检测标准 Testing standards	GB/T13927、API598
操作方式 Operation method	手动、气动、电动等 Manual, pneumatic, electric, etc.
可选项 Optional	防静电设计、禁油处理、禁铜处理、球面特殊处理 Anti-static design、oil-free treatment、copper-free treatment、spherical special treatment

产品结构设计特点

Product structure design features

阀杆防吹出结构设计(见图1)

阀杆防吹出结构设计，下端大上端小的阀杆在上端盖和螺丝的定位下，即使在阀腔异常的情况下，也能保证阀杆不会被介质吹出。

Valve stem anti-blowing structure design (see picture 1)

Valve stem anti-blowing structure design, the lower end is larger and the upper end is smaller. Under the positioning of the upper end cover and screws, even in the valve cavity is abnormal in the case of, it can also ensure that the valve stem will not be blown out by the medium.

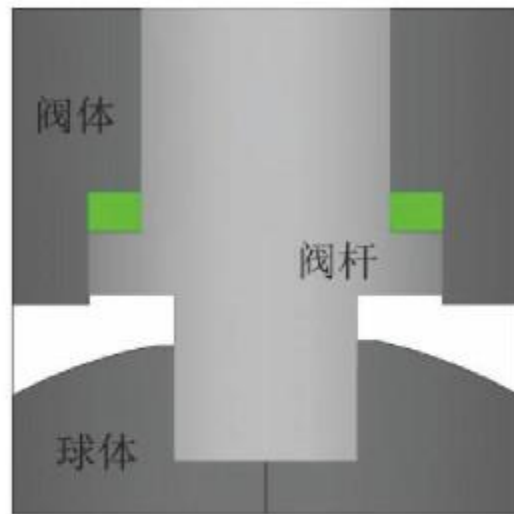


图 1 (picture 1)

防静电设计 (见图 2)

固定球阀通过防静电设计使球体、阀杆、阀体形成静电通道。从而将球体与阀座开关过程中由于摩擦产生的静电通过阀体引到大地，防止静电火花可能引起的火灾或爆炸危险。

Anti-static design (See picture 2)

The fixed ball valve adopts anti-static design to make the ball, stem and valve Thebody forms an electrostatic channel. So that the ball and the seat are switchedDuring the process, static electricity generated by friction is led to the groundthrough the valve body, Prevent the risk of fire or explosion caused by static sparks.

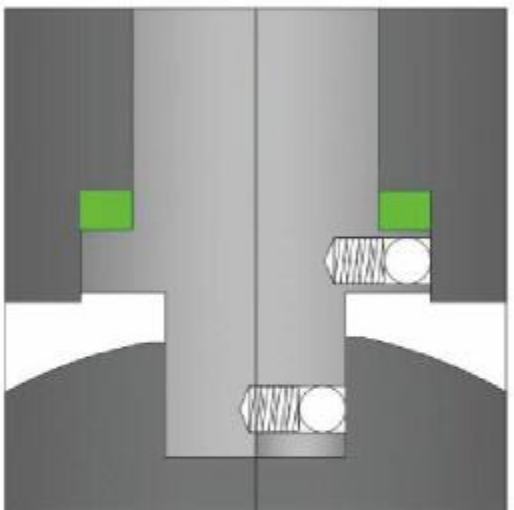


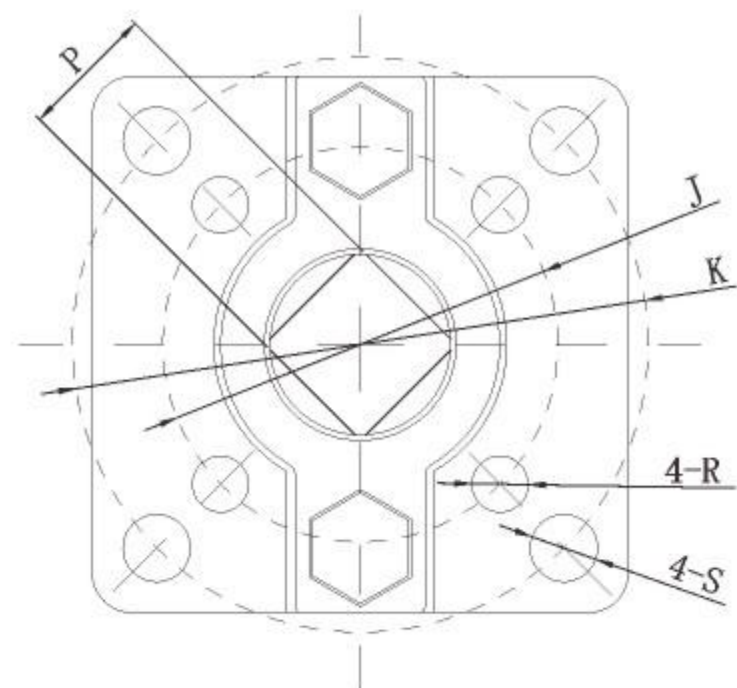
图 2 (picture 2)

KV值 rated

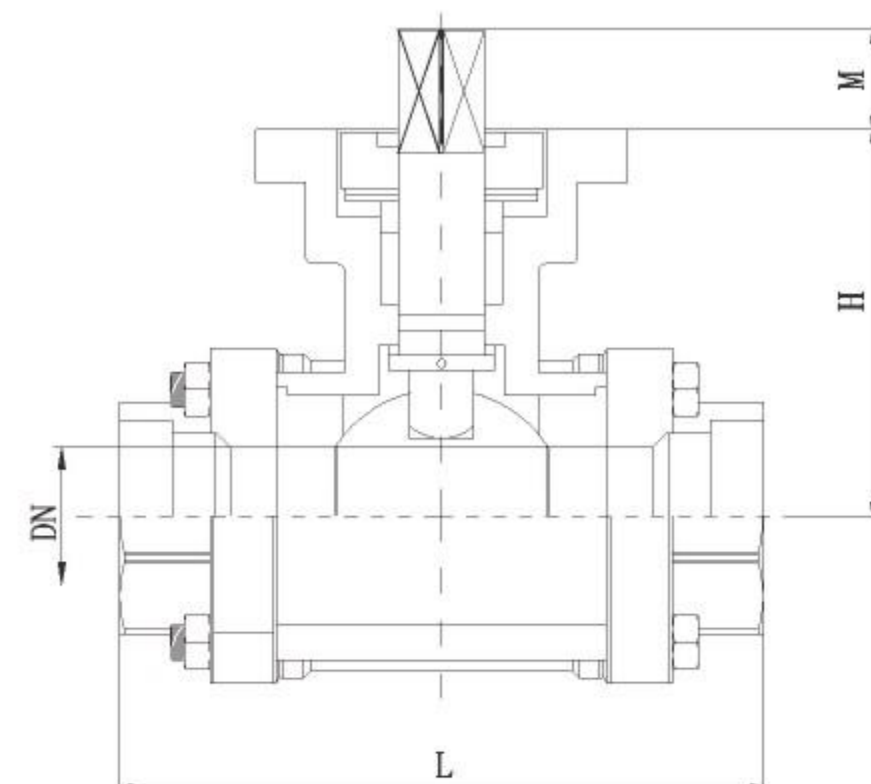
SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
Kv	21	38	72	112	170	275	380	512	941

软密封力矩表 Soft seal torque table

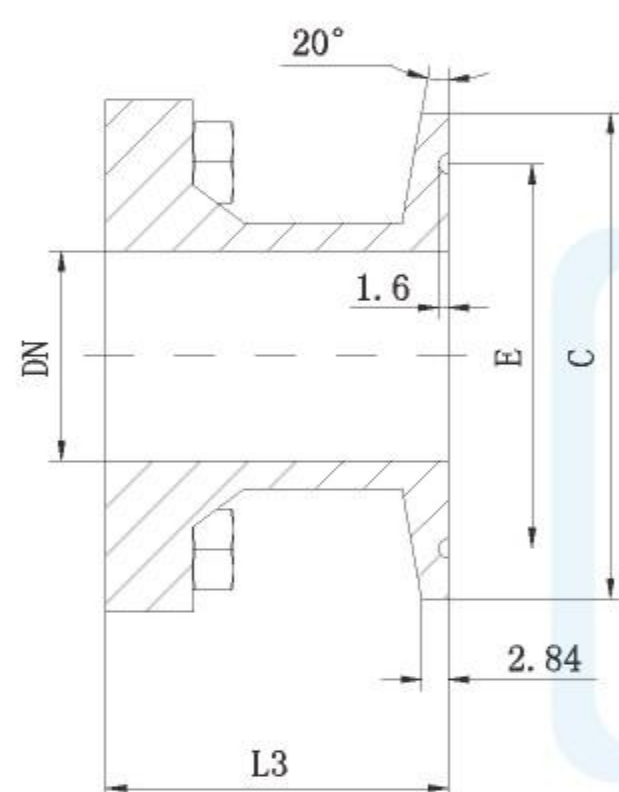
SIZE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
PN16	3	4	10	13	16	25	50	65	125
PN25	5	7	11	15	18	30	60	80	140
PN40	7	10	24	30	35	50	100	150	250
PN63	15	30	50	65	80	100	200	300	400



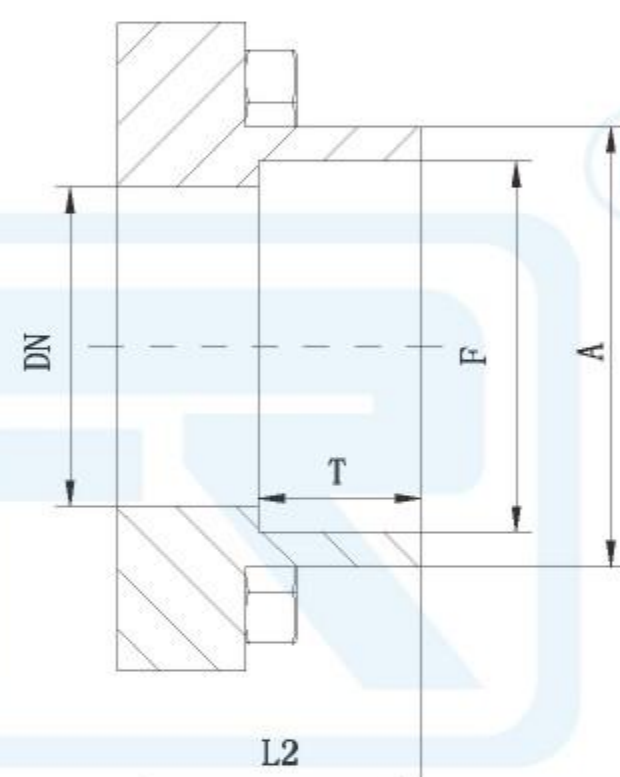
三片式上法兰



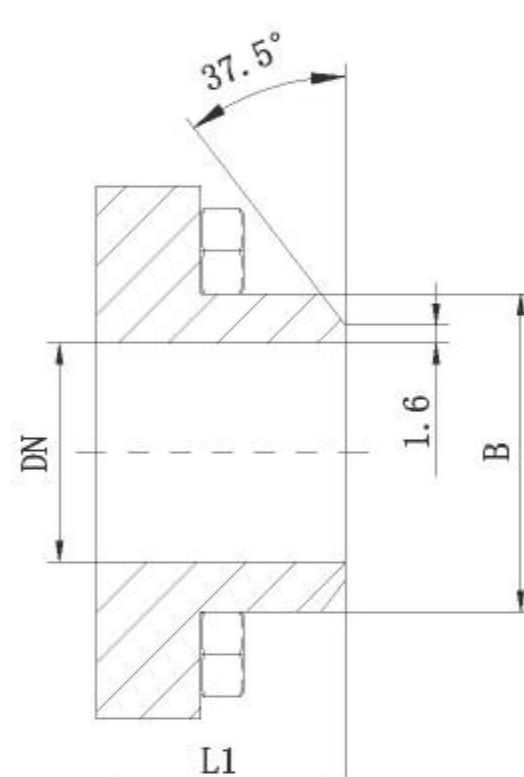
三片式螺纹



三片式卡箍



三片式承插焊

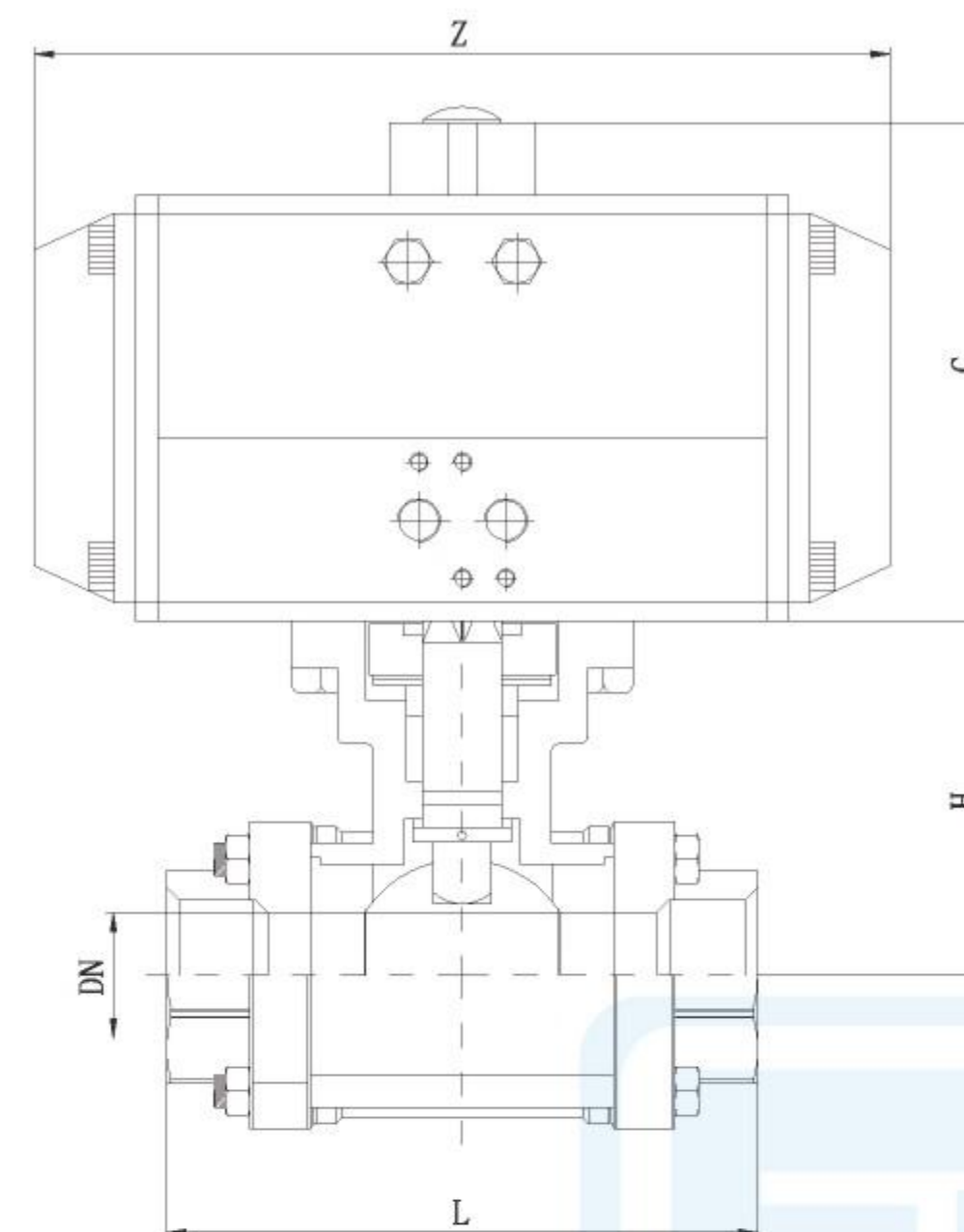


三片式对焊

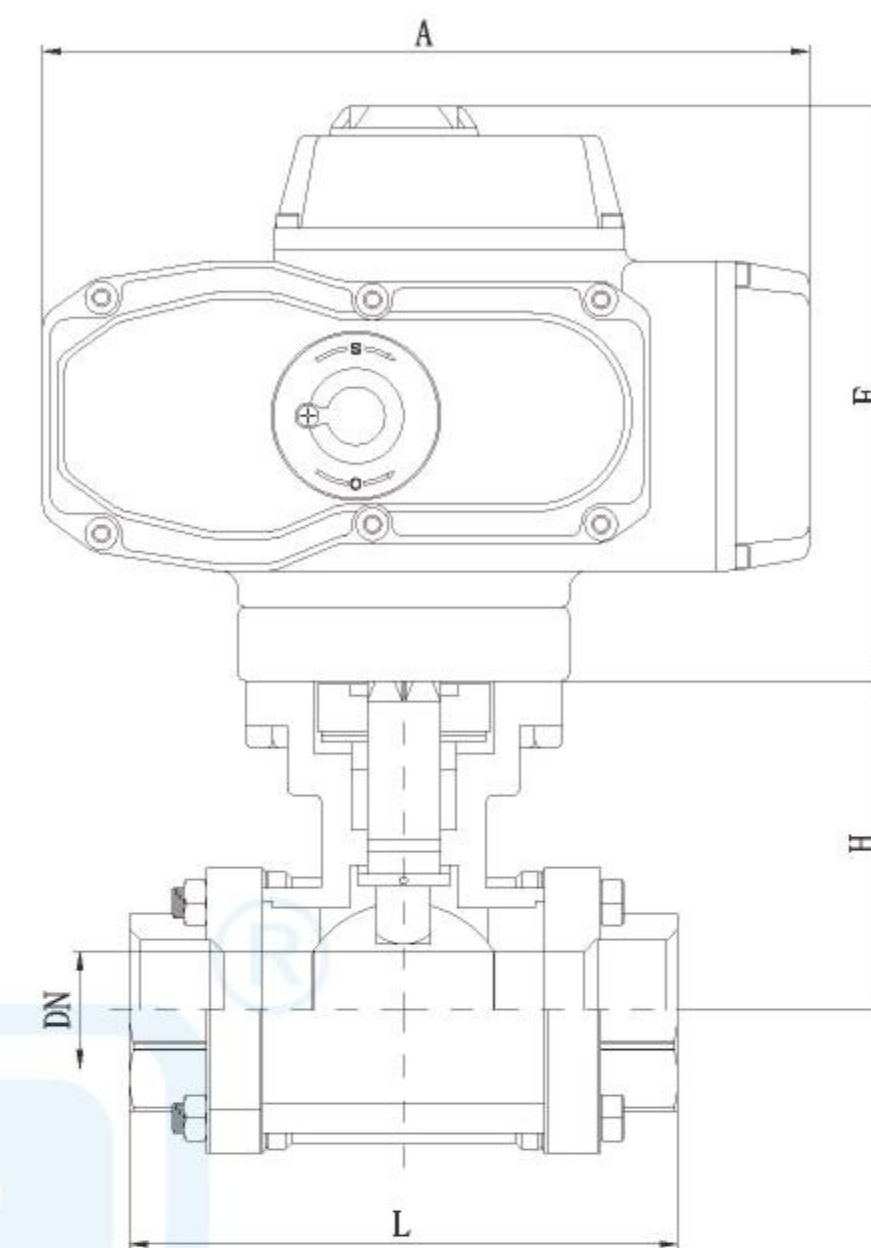
1000WOG 主要外形尺寸表 Main dimensions table

Unit: mm

SIZE		L	L1	L2	L3	A	C	B	E	F	T	H	M	P	J	K	R	S
DN15	1/2"	73	75	65	96	22.4	50.4	22.5	43.6	22.5	10	49	10	9	42	50	6	7
DN20	3/4"	83	90	76	108	27.8	50.4	27	43.6	28.5	13	54	10	9	42	50	6	7
DN25	1"	90	100	86	111	34.7	50.4	34.5	43.6	34.5	13	59	13	11	42	50	6	7
DN32	1-1/4"	108	110	98	129	43.3	50.4	43	43.6	43	13	71	13	11	42	50	6	7
DN40	1-1/2"	119	125	114	141	49.3	50.4	49	43.6	49	13	76	16	14	50	70	7	9
DN50	2"	140	150	132	158	61.4	63.9	62	56.3	61	16	84	16	14	50	70	7	9
DN65	3/8"	164	190	164	173	75	77.4	76.5	70.6	76	16	107	19	17	70	102	9	11
DN80	1/2"	192	220	182	201	90	90.9	92	83.3	92	16	118	19	17	70	102	9	11
DN100	3/4"	202	270	235	283	115.6	118.9	115	110.3	115	19	138	19	17	70	102	9	11



气动螺纹球阀

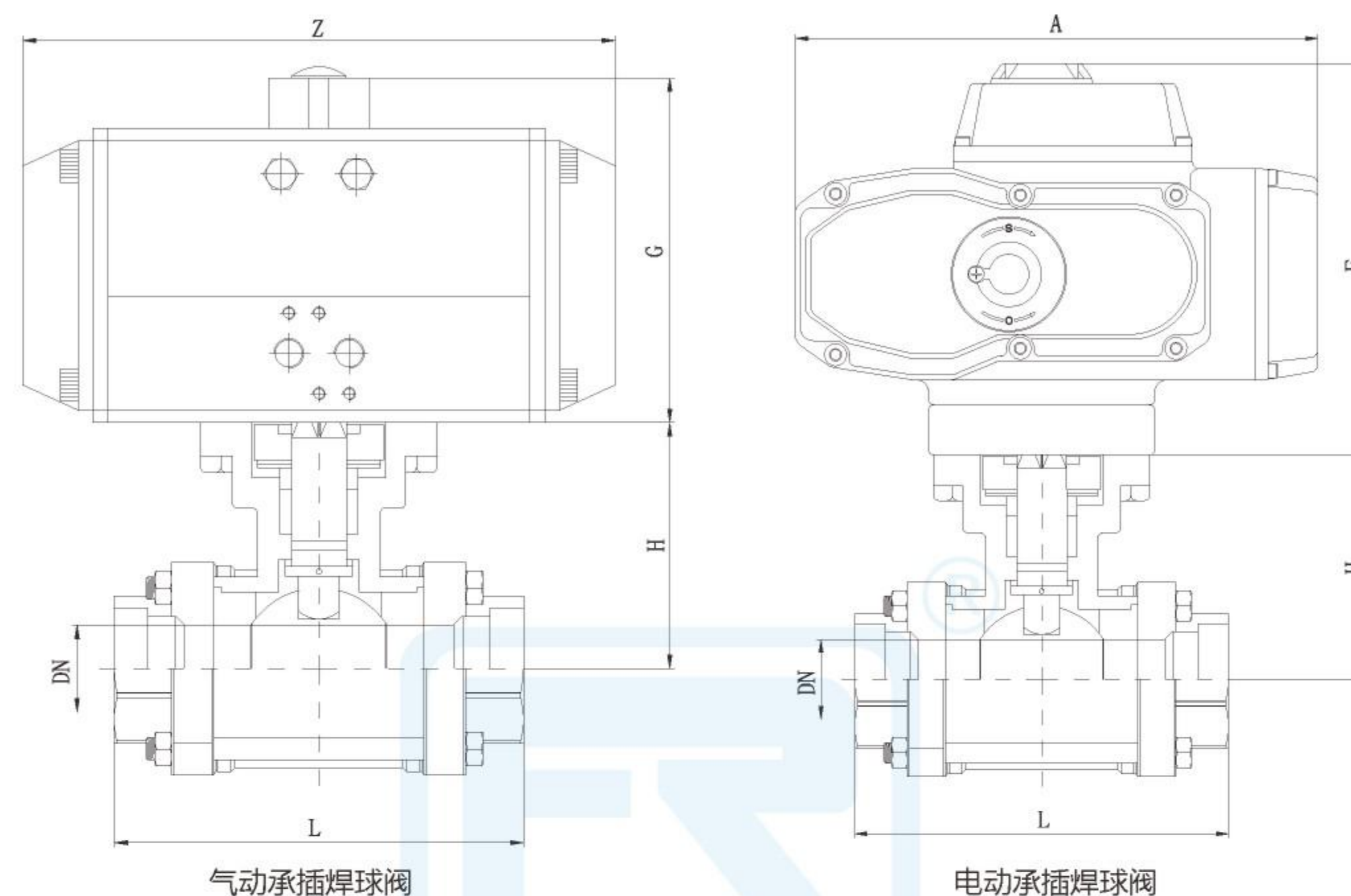
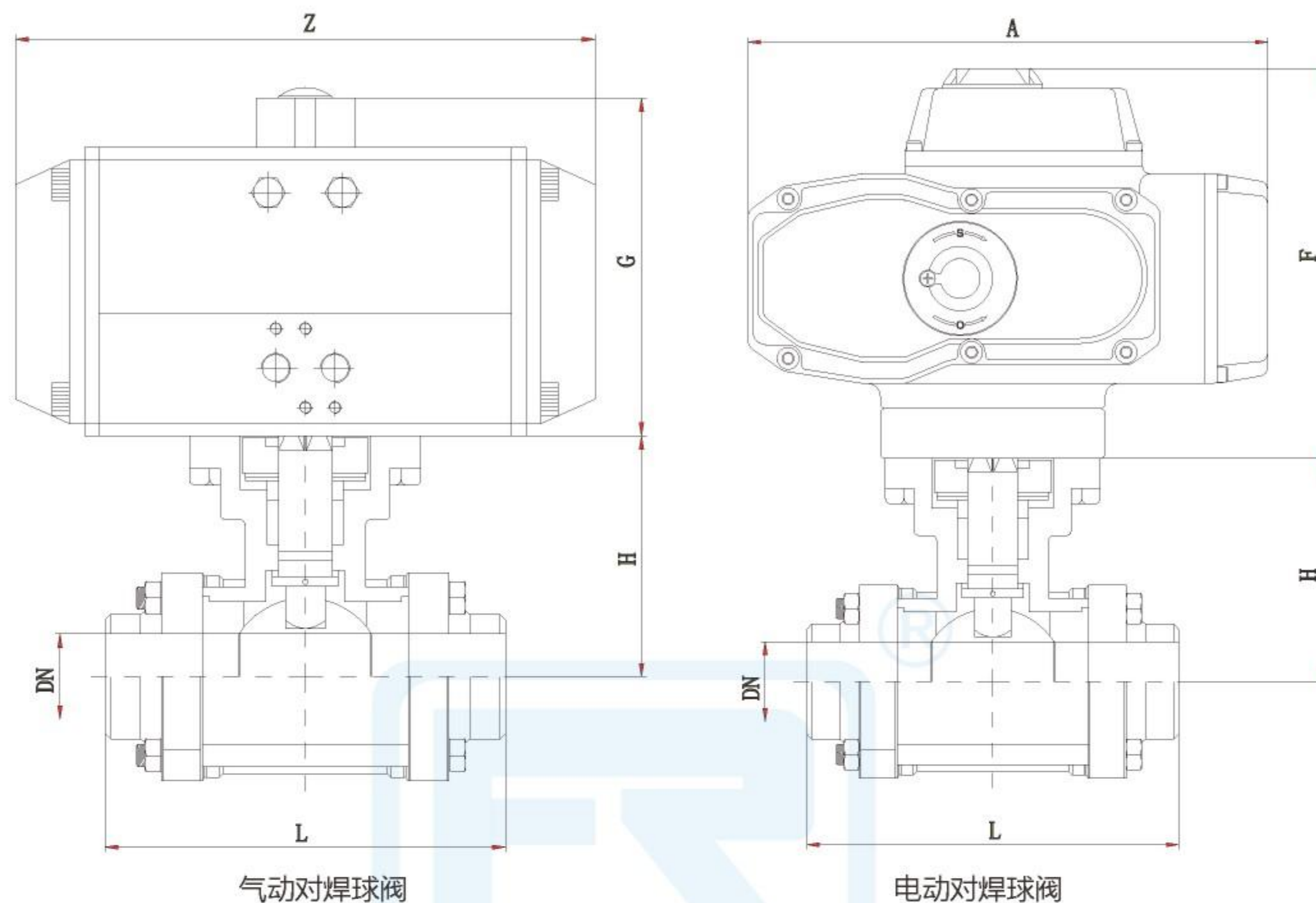


电动螺纹球阀

1000WOG 主要外形尺寸表 Main dimensions table

Unit: mm

SIZE		L	H	双作用 (DA)			单作用 (SR)			A	F	SIZE
				SIZE	G	Z	SIZE	G	Z			
DN15	1/2"	73	49	SPA52	92	147	SPR52	92	147	165	138	SP50
DN20	3/4"	83	54	SPA52	92	147	SPR63	108	168	165	138	SP50
DN25	1"	90	59	SPA52	92	147	SPR75	120	184	165	138	SP50
DN32	1-1/4"	108	71	SPA63	108	168	SPR83	129	204	165	138	SP50
DN40	1-1/2"	119	76	SPA75	120	184	SPR92	137	262	212	169	SP100
DN50	2"	140	84	SPA83	129	204	SPR105	153	268	212	169	SP100
DN65	3/8"	164	100	SPA92	137	262	SPR125	185	296	259	203	SP200
DN80	1/2"	192	116	SPA105	153	296	SPR140	202	390	259	203	SP200
DN100	3/4"	202	140	SPA125	185	390	SPR160	227	454	259	203	SP400



1000WOG 主要外形尺寸表 Main dimensions table

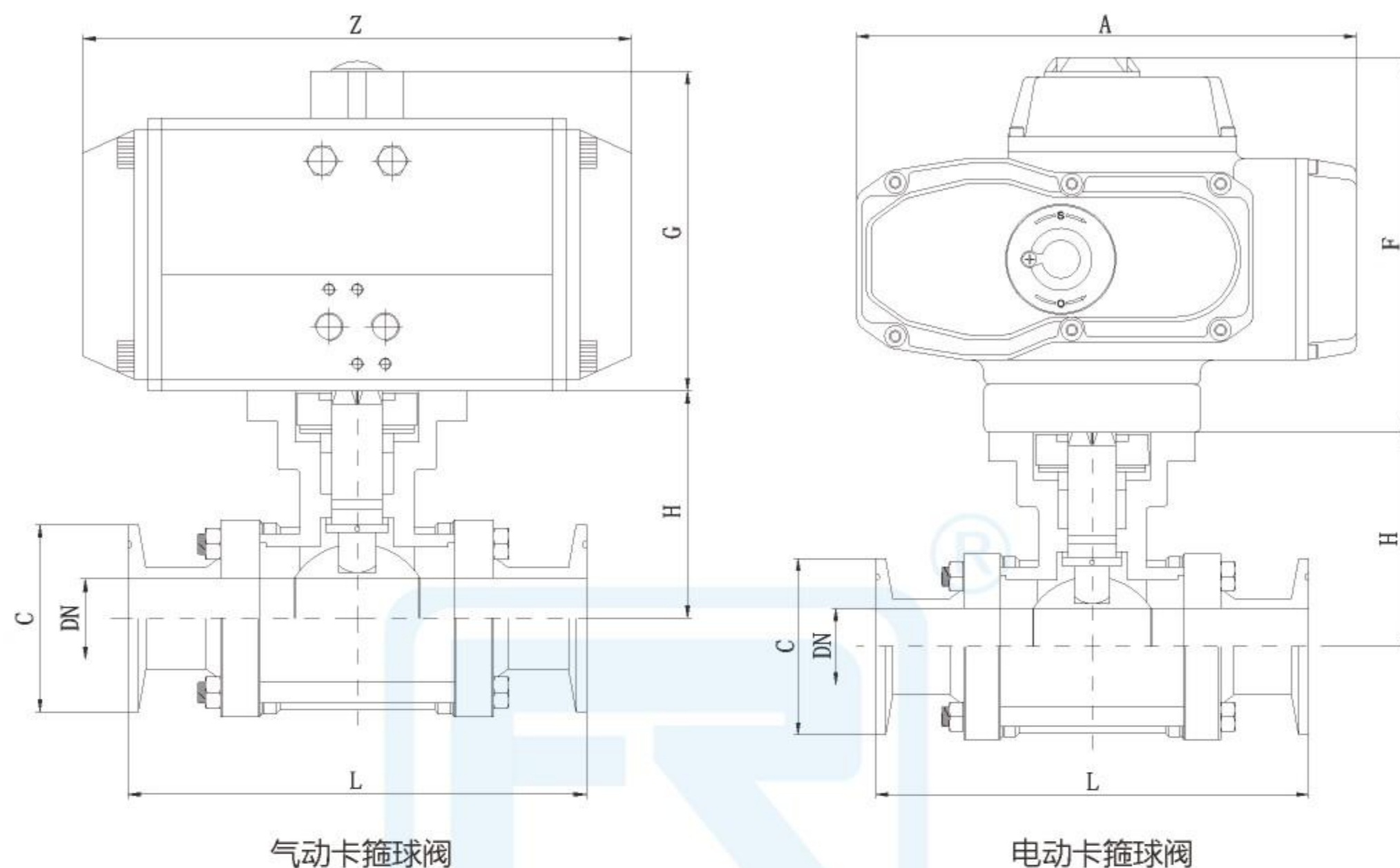
Unit: mm

SIZE	L	H	双作用 (DA)			单作用 (SR)			A	F	SIZE
			SIZE	G	Z	SIZE	G	Z			
DN15	1/2"	75	SPA52	92	147	SPR52	92	147	165	138	SP50
DN20	3/4"	90	SPA52	92	147	SPR63	108	168	165	138	SP50
DN25	1"	100	SPA52	92	147	SPR75	120	184	165	138	SP50
DN32	1-1/4"	110	SPA63	108	168	SPR83	129	204	165	138	SP50
DN40	1-1/2"	125	SPA75	120	184	SPR92	137	262	212	169	SP100
DN50	2"	150	SPA83	129	204	SPR105	153	268	212	169	SP100
DN65	3/8"	190	SPA92	137	262	SPR125	185	296	259	203	SP200
DN80	1/2"	220	SPA105	153	296	SPR140	202	390	259	203	SP200
DN100	3/4"	270	SPA125	185	390	SPR160	227	454	259	203	SP400

1000WOG 主要外形尺寸表 Main dimensions table

Unit: mm

SIZE	L	H	双作用 (DA)			单作用 (SR)			A	F	SIZE
			SIZE	G	Z	SIZE	G	Z			
DN15	1/2"	65	SPA52	92	147	SPR52	92	147	165	138	SP50
DN20	3/4"	76	SPA52	92	147	SPR63	108	168	165	138	SP50
DN25	1"	86	SPA52	92	147	SPR75	120	184	165	138	SP50
DN32	1-1/4"	98	SPA63	108	168	SPR83	129	204	165	138	SP50
DN40	1-1/2"	114	SPA75	120	184	SPR92	137	262	212	169	SP100
DN50	2"	132	SPA83	129	204	SPR105	153	268	212	169	SP100
DN65	3/8"	164	SPA92	137	262	SPR125	185	296	259	203	SP200
DN80	1/2"	182	SPA105	153	296	SPR140	202	390	259	203	SP200
DN100	3/4"	235	SPA125	185	390	SPR160	227	454	259	203	SP400



1000WOG 主要外形尺寸表 Main dimensions table

Unit: mm

SIZE		L	C	H	双作用 (DA)			单作用 (SR)			A	F	SIZE
					SIZE	G	Z	SIZE	G	Z			
DN15	1/2"	96	50.4	49	SPA52	92	147	SPR52	92	147	165	138	SP50
DN20	3/4"	108	50.4	54	SPA52	92	147	SPR63	108	168	165	138	SP50
DN25	1"	111	50.4	59	SPA52	92	147	SPR75	120	184	165	138	SP50
DN32	1-1/4"	129	50.4	71	SPA63	108	168	SPR83	129	204	165	138	SP50
DN40	1-1/2"	141	50.4	76	SPA75	120	184	SPR92	137	262	212	169	SP100
DN50	2"	158	63.9	84	SPA83	129	204	SPR105	153	268	212	169	SP100
DN65	3/8"	173	77.4	100	SPA92	137	262	SPR125	185	296	259	203	SP200
DN80	1/2"	201	90.9	116	SPA105	153	296	SPR140	202	390	259	203	SP200
DN100	3/4"	283	118.9	140	SPA125	185	390	SPR160	227	454	259	203	SP400

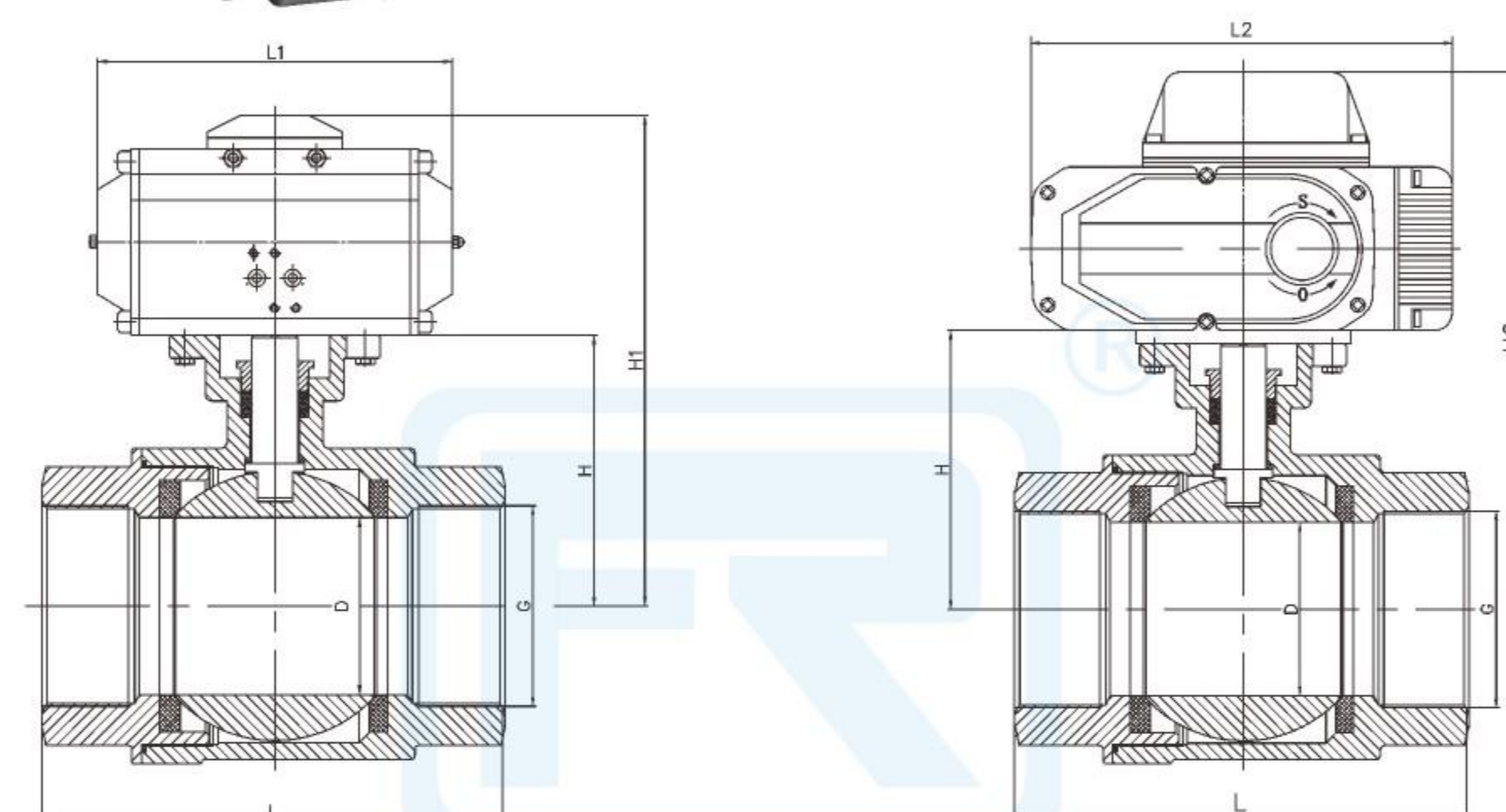


性能规范 Performance specifications

公称压力 Nominal pressure: PN1.6, 2.5, 4.0, 6.4 MPa
强度试验压力 Strength test pressure: PT2.4, 3.8, 6.0, 9.6 MPa
低压气密封试验压力 Low pressure gas seal test pressure: 0.6 MPa
适用温度 Applicable temperature: -20~180°C

适用介质 Applicable Medium

Q11F-(16-64)C水、油品、气(water, oil, gas)
Q11F-(16-64)P硝酸类(nitric acid)
Q11F-(16-64)R醋酸类(acetateu)



主要外形尺寸表 Main dimensions table

Unit: mm

规格 Specifications	螺纹接口 Threaded interface	D	H	H1	H2	L	L1	L2
DN8	1/4"	8	38	83/108	175	62	110/155	142
DN10	3/8"	10	38	83/108	175	62	110/155	142
DN15	1/2"	15	38	83/108	175	62	110/155	142
DN20	3/4"	20	44	114/129	177	71	155	166
DN25	1"	25	55	153	183	85	155	166
DN32	1-1/4"	32	61	159/176	189	95	155/175	166
DN40	1-1/2"	38	71	198	196	106	190	166
DN50	2"	49	85	212	215	120	190	215
DN65	2-1/2"	65	107	228	231	144	255	215
DN80	3"	78	113	257/308	255	168	278/310	260
DN100	4"	100	135	330	280	203	310	260