



Model: JL900-Q1/C1/F/16/P/25/T1/W2

**Design Feature**

- Simple structure, easy to disassemble
- Small opening & closing torque, high reliability and long service life
- High platform structure, ISO5211 connection standard, convenient installation
- Bidirectional sealing, bidirectional pressure bearing, automatic compensation, self cleaning
- Fire-proof, Static proof structure, meets AP1607, GB/T6899 standard, etc.
- Available for fiber and small particle of suspension or viscous medium

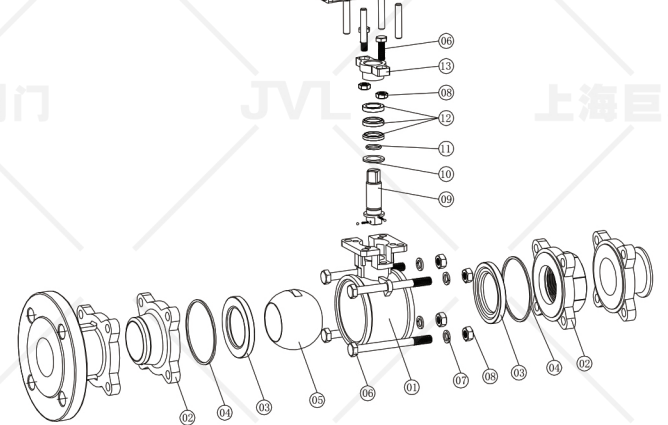
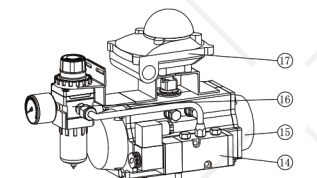
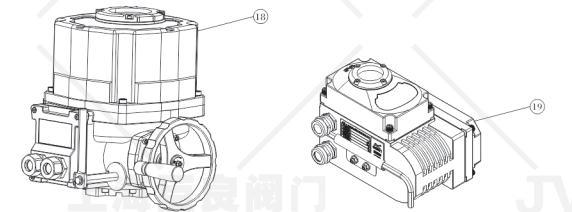
**Model Naming Method**

JL	-900	-Q1	-C1	-F	-16	-P	-25	-T1	-	-W2	-	-
Juliang brand	Electric	2-Way valve	Female thread	PTFE	PN	SS304	DN	Integral switch type	Anti-explosion class	-20~150°C	Attachment selection	Attachment selection

**Technical Parameter**

DN	DN10~100mm
Nominal pressure	1.6~6.4Mpa (other pressure standard, please indicate when ordering)
Body material	SS304(P), SS316(R)
Sealing material	PTFE (F), PPL (PPL)
Medium temp.	W2:-20~150°C W3:-20~250°C
Connection mode	Female thread, Flange, Clamp, Butt welding, Socket welding
Pneumatic actuator	JLAT series, JLAW series, Imported actuator series
Action mode	Double acting, Single acting normally closed, Single acting normally open
Electric actuator	JLA series, JLB series, Imported actuator series
Control mode	Standard switch type, Integral regulating type, Integral switch type, Field bus type

Note: 1. Valve body can be casted or forged, the form is divide into three-piece type and two-piece type, and thread type has BSPT thread, G thread and NPT thread.  
2. Other special sealing materials and special interface can be selected according to customers' requirements.



**Main component table**

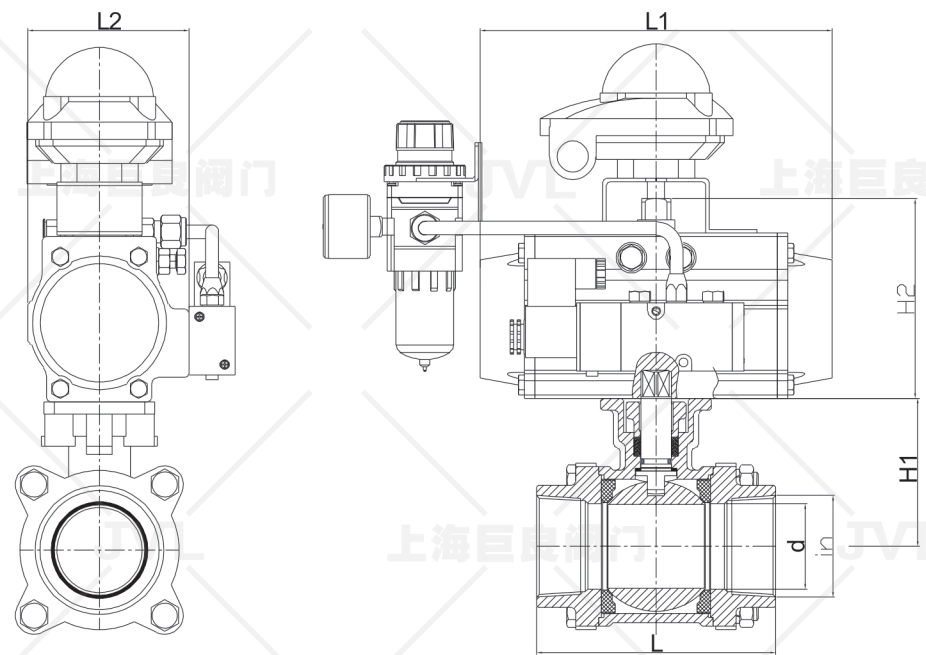
No.	Part Name	No.	Part Name
1	Valve body	11	O ring
2	Bonnet	12	Packing
3	Valve seat	13	Gland
4	Valve body sealing gasket	14	Solenoid valve
5	Ball	15	Pneumatic actuator
6	Bolt	16	Filter pressure reducing valve
7	Spring washer	17	Limit switch
8	Nut	18	Anti-explosion electric actuator
9	Stem	19	Electric actuator
10	Thrust washer		

Note: The materials of main parts and sealing ring can be designed and selected according to the actual working conditions or customers' requirements.

**Technical specification**

Design standard	GB/T 12237	Thread standard	ASME B1.20.1
Design length	GB/T 12221	Flange standard	HG/T 20592
Wall thickness standard	GB/T 26640	Welding standard	GB/T 9115.1
Test, Inspection standard	GB/T 26480	Clamp standard	ISO 2852

# THREE-PIECE BALL VALVE



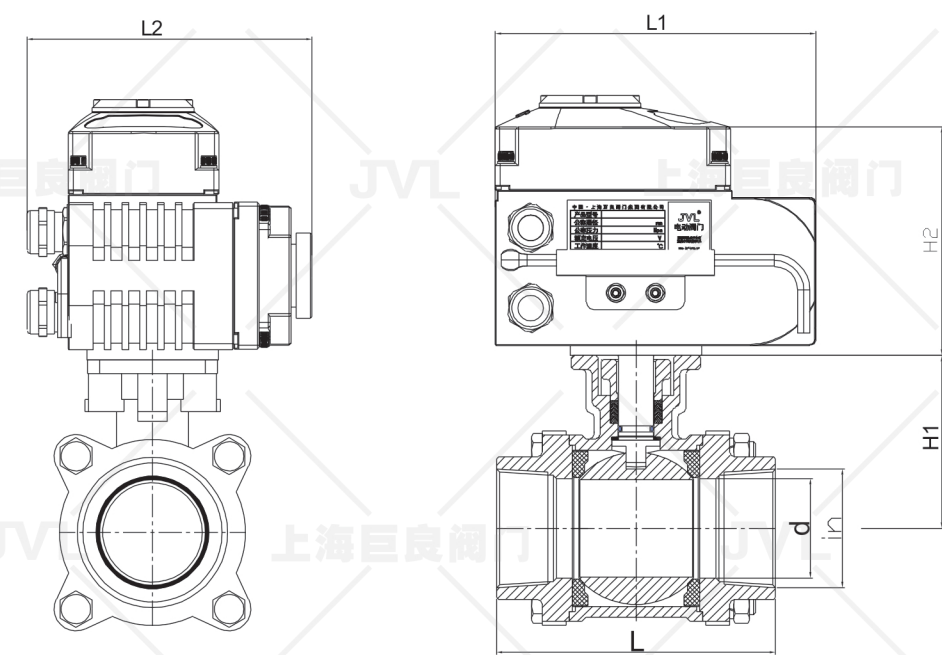
▼ PNEUMATIC OVERALL DIMENSIONS CHART-PN16~64(16~64 bar)

DN	in	Overall Dimension						Actuator Model
		d	L	L1	L2	H1	H2	
15	1/2"	15	75	159/172	73/85	72	73/90	JLATD52/JLATE63
20	3/4"	20	80	159/185	73/95	82	73/100	JLATD52/JLATE75
25	1"	25	90	172/215	85/105	90	90/110	JLATD63/JLATE83
32	1 1/4"	32	110	185/265	95/110	95	100/120	JLATD75/JLATE92
40	1 1/2"	38	120	215/270	105/125	105	110/142	JLATD83/JLATE105
50	2"	50	140	215/270	105/125	113	110/142	JLATD83/JLATE105
65	2 1/2"	63.5	185	270/310	125/142	149	142/158	JLATD105/JLATE125
80	3"	76	205	270/310	125/142	159	142/158	JLATD105/JLATE125
100	4"	100	225	310/465	142/178	165	158/200	JLATD125/JLATE160

●Note: According to different valve torque, different air supply pressure and different actual working conditions, select the matched actuator, and its relevant dimensions change accordingly.

▼ Attachment selection

Solenoid valve	3/2, 5/2, single electric control and double electric control, please indicate when ordering
Filter pressure reducing valve	Stabilize and filter air source pressure
Limit switch	Remote feedback switch signal
Manual device	Open and close valve manually
Positioner	Input analog signal (4-20mA or 0-10V), adjust valve travel
Remark	The above accessories are not standard accessories, if you need them, please indicate when ordering, solenoid valve and limit switch are divided into explosion-proof type and non-explosion-proof type, please indicate the explosion-proof grade if you need.



▼ ELECTRIC OVERALL DIMENSIONS CHART-PN16 ~ 64(16 ~ 64bar)

DN	in	Overall Dimension						Actuator Model
		d	L	L1	L2	H1	H2	
15	1/2"	15	75	165/320	150/220	72	135/270	JLA05/JLB10
20	3/4"	20	80	165/320	150/220	82	135/270	JLA05/JLB10
25	1"	25	90	165/320	150/220	90	135/270	JLA05/JLB10
32	1 1/4"	32	110	165/320	150/220	95	135/270	JLA05/JLB10
40	1 1/2"	38	120	190/320	170/220	105	140/270	JLA10/JLB15
50	2"	50	140	190/320	170/220	113	140/270	JLA16/JLB15
65	2 1/2"	63.5	185	190/355	170/250	149	140/275	JLA X20/JLB20
80	3"	76	205	270/375	220/290	159	170/315	JLA20/JLB30
100	4"	100	225	270/375	220/290	165	170/315	JLA40/JLB40

●Note: According to different valve torque, different voltage and different actual working conditions, select the matched actuator, and its relevant dimensions change accordingly.

▼ Control mode selection

Standard switch type	Active switching quantity control, passive switching quantity feedback
Integral switch type	Passive switching quantity control, passive switching quantity feedback
Integral regulating type	Analog quantity control(4-20mA), Analog quantity feedback(4-20mA)
RS485 Field bus type	Support RS485 communication
Remark	Other type of control signal and feedback signal can be customized according to customers' requirements