



HIGH TEMPERATURE HIGH PRESSURE BALL VALVE



Model: JL900-Q1/C4/H/250/P/40/Z/B/W4

Design Feature

- Full bore design, quick response, zero leakage
- Fire proof, static proof structure, silica sol precision casting, safe & reliable
- The valve meets ISO5211 Standard platform design, with ultra-long service life
- Bidirectional sealing, bidirectional pressure bearing, automatic compensation, self-cleaning function
- Suitable for medium with fiber containing particle and high viscous medium

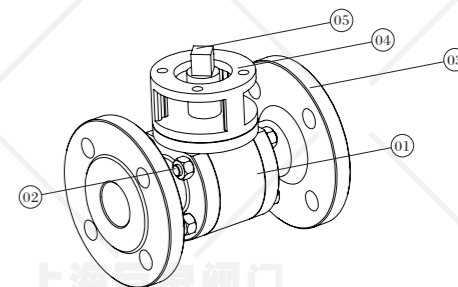
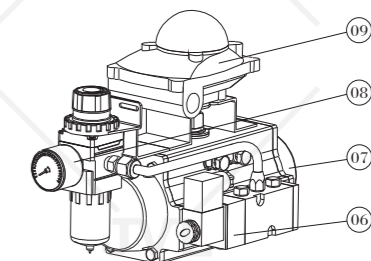
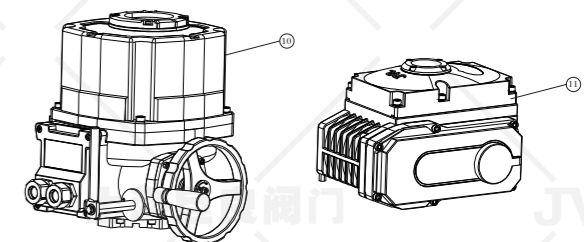
Model Naming Method

JL	-900	-Q1	-C4	-H	-250	-P	-40	-Z	-B	-W4	-	-
Juliang brand	Electric	2-Way valve	Flange	Metal hard seal	PN	SS304	DN	Standard switch type	Exd II BT4	-29~425°C	Attachment selection	Attachment selection

Technical Parameter

DN	DN15~200mm
Nominal pressure	1.6~42Mpa (Other pressure standard, please indicate when ordering)
Body material	WCB (C), SS304 (P), SS316 (R)
Sealing material	PTFE (F), PPL (PPL) Metal hard (H), Hard alloy (Y)
Medium temp.	W2:-20~150°C W3:-20~250°C W4:-29~425°C
Connection mode	Flange, Butt welding, Female thread
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. The valve body can be forged, the form is divided into floating type, fixed type, mounted type; Seal is divided into soft seal, hard seal, pressure up to 2500 pounds, temperature resistance is -196°C~570°C.
- 2. Other special sealing materials and special temperature can be selected according to customers' requirements.



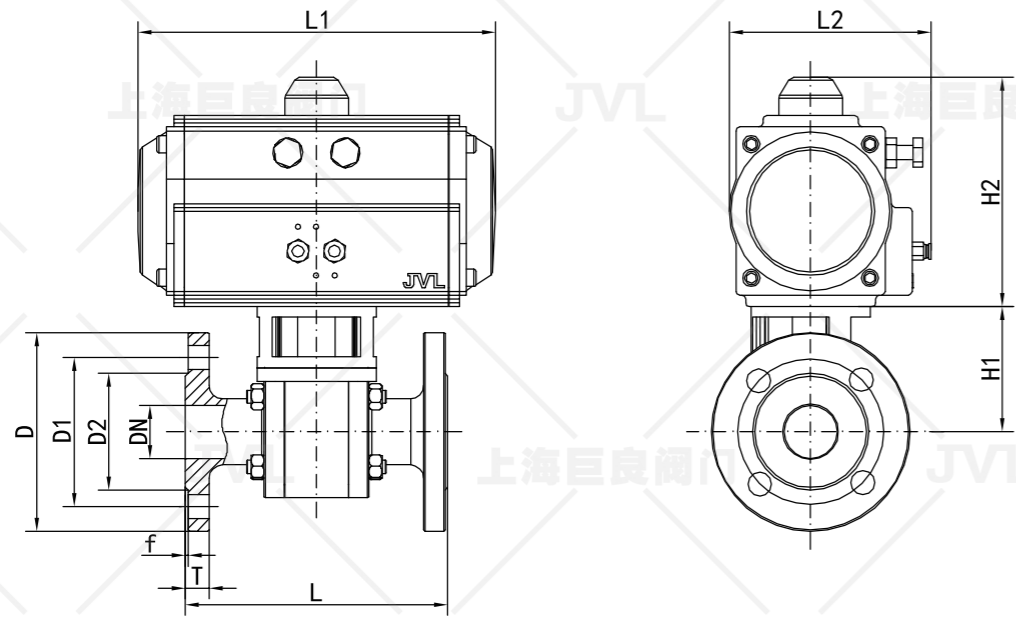
Main component table

No.	Part Name
1	Valve body
2	Bolt and nut
3	Bonnet
4	Bracket
5	Stem
6	Solenoid valve
7	Pneumatic actuator
8	Filter pressure reducing valve
9	Limit switch
10	Anti-explosion electric actuator
11	Electric actuator

- 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 consideration	GB		
Design standard	GB/T 12237	Flange connection	GB/T 9113
Structure length	GB/T 12237	Test . Inspection standard	GB/T 13927



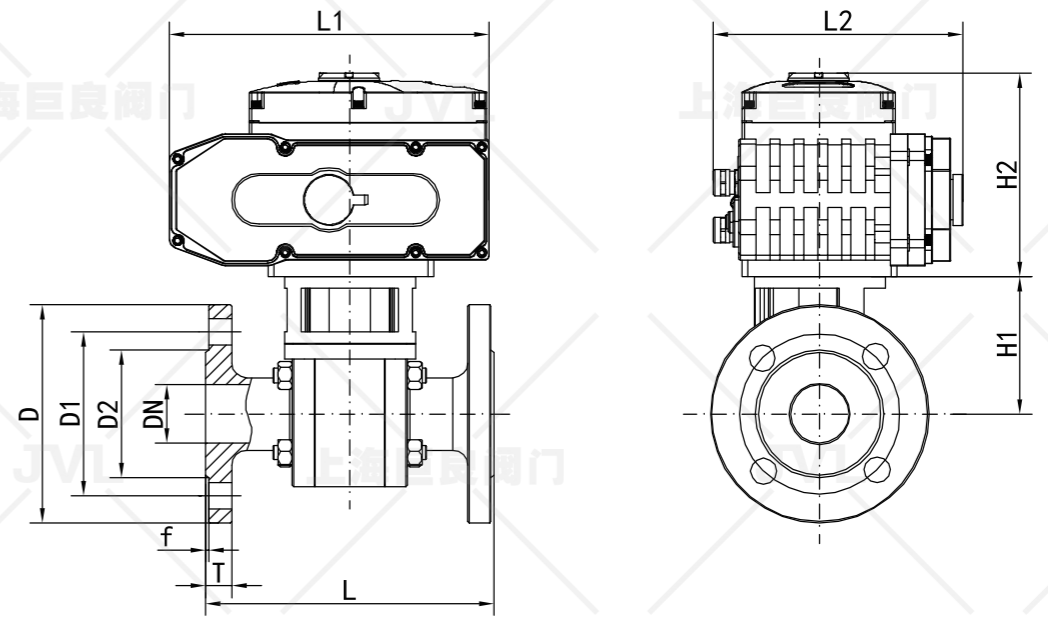
▼ PNEUMATIC OVERALL DIMENSIONS CHART-PN110(110bar)

DN	Overall Dimension				Connection Size			
	NPS	L(RF)	L(BW)	L(RTJ)	D	D1	T	n-d
15	1/2	165	165	163.5	105	75	20	4-14
20	3/4	191	191	191	130	90	22	4-18
25	1	216	216	216	140	100	24	4-18
32	1 1/4	229	229	229	155	110	26	4-22
40	1 1/2	241	241	241	170	125	28	4-22
50	2	292	292	295	195	145	30	4-26
65	2 1/2	330	330	333	220	170	34	8-26
80	3	356	356	359	230	180	36	8-26
100	4	432	432	435	265	210	40	8-30

●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	Manual device can 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, if you need explosion-proof type, please indicate the explosion-proof grade.



▼ ELECTRIC OVERALL DIMENSIONS CHART-PN110(110bar)

DN	Overall Dimension				Connection Size			
	NPS	L(RF)	L(BW)	L(RTJ)	D	D1	T	n-d
15	1/2	165	165	163.5	105	75	20	4-14
20	3/4	191	191	191	130	90	22	4-18
25	1	216	216	216	140	100	24	4-18
32	1 1/4	229	229	229	155	110	26	4-22
40	1 1/2	241	241	241	170	125	28	4-22
50	2	292	292	295	195	145	30	4-26
65	2 1/2	330	330	333	220	170	34	8-26
80	3	356	356	359	230	180	36	8-26
100	4	432	432	435	265	210	40	8-30

●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