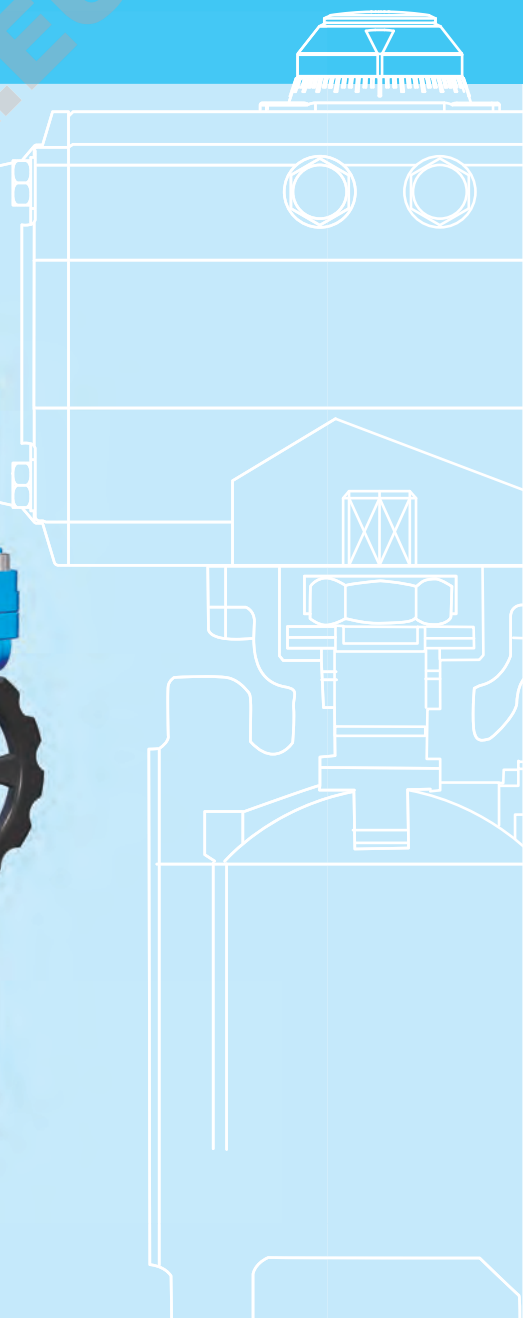


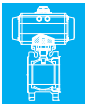
LAPAR

D

LPA16 Series

Thin Ball Valve





LPA16—Thin Ball Valve



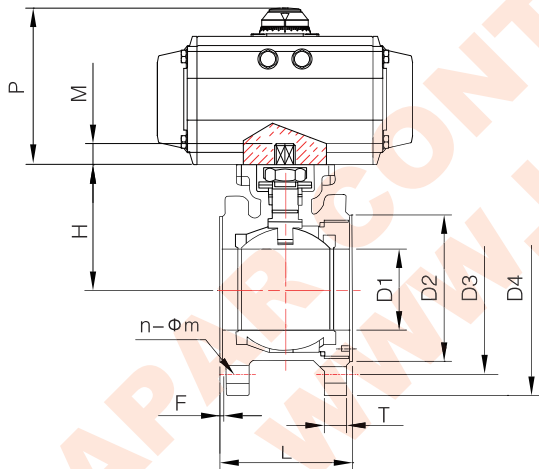
Code	Actuator	Action	Air Fail Position	Control	Structure	Body	Sealing	Ball	Connection DN	PN
LPA16-	1 Pneumatic 2 Pneumatic & Handwheel 3 Electric DC24V 4 Electric AC220V 5 Electric AC380V 7 Handle 8 Turbine 0 Others	D Double-acting S Single-acting 0 Others	1 Normally Open 2 Normally Close 3 Flexible 4 Held 0 Others	A On-off B Control C Intelligent 0 Others	5 One-piece 0 Others	A 316L B 316 C 304 I 304L D WCB 0 Others	P PTFE Q TFM1600 T EK 0 Others	A 316L B 316 C 304 I 304L 0 Others	1 Flange 2 Wafer	0 Others

Design Feature

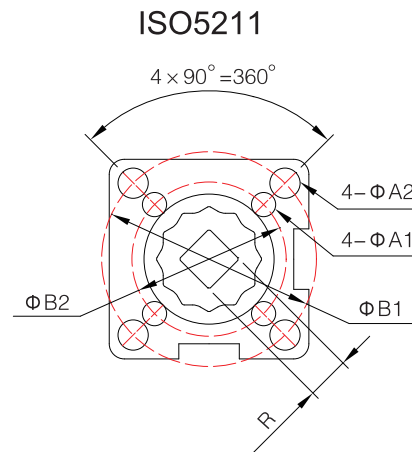
- Lost-wax precision casting
- Fire safe design approved
- Built-in ISO 5211 direct mounting pad for easy automation
- Anti-static devices for ball-stem-body
- Blow-out proof stem
- TA-LUFT design approved

Parameter

- DN: 15~150mm
- PN: 1.6~4.0Mpa
- Design:
DIN 3357/1,2,EN 12516-1
- Flanged End:
DIN EN1092-1 PN10-PN40
- Inspection & Testing:
DIN 3230/3,EN 12266
- Fire safe:
API 607 5th 2005,IOS 10497
- Applicable Temperature:
 - ▲ PTFE、TFM1600: -29°C ~ 178°C
 - ▲ EK: -29°C ~ 250°C



* P: Please refer to the actuator configuration table



DIN PN16/25/40

Unit:mm

SIZE	PN	L	D1	D2	D3	D4	T	F	n	Φm	H	M	R	A1	A2	B1	B2	ISO5211	LT-DA	LT-SR	LU	LH
DN15 1/2"	16	42	15	45	65	95	9	2	4	12	46	9	9	6	6	36	42	F03-F04	LT 50	LT 50	LU 50	LH 006
DN20 3/4"	16	44	20	58	75	105	9	2	4	12	51	9	9	6	6	36	42	F03-F04	LT 50	LT 63	LU 50	LH 006
DN25 1"	25	50	25	68	85	115	9	3	4	12	62	11	11	6	7	42	50	F04-F05	LT 50	LT 75	LU 50	LH 006
DN32 1-1/4"	25	60	32	78	100	140	12	3	4	16	72	11	11	6	7	42	50	F04-F05	LT 63	LT 75	LU 50	LH 006
DN40 1-1/2"	40	65	38	88	110	150	13	3	4	16	78	14	14	7	9	50	70	F05-F07	LT 63	LT 88	LU 160	LH 006
DN50 2"	40	80	50	102	125	165	20	3	4	16	86	14	14	7	9	50	70	F05-F07	LT 75	LT 100	LU 160	LH 008
DN65 2-1/2"	16 25/40	110 113	63.5	122	145	185	18 22	3	4 8	16	108	17	17	9	11	70	102	F07-F10	LT 88	LT 115	LU 250	LH 010
DN80 3"	16 25/40	120	76	138	160	200	20 24	3	8	16	116	17	17	9	11	70	102	F07-F10	LT 100	LT 125	LU 250	LH 015
DN100 4"	16 25/40	150 154	100	158 162	180 190	220 235	20 24	3	8	16 20	139	22	22	N/A	11	N/A	102	F10	LT 125	LT 145	LU 500	LH 030
DN125 5"	16 25/40	180	125	188	210 220	250 270	22 26	3	8	16 24	176	27	27	N/A	14	N/A	125	F12	LT 145	LT 180	LU 500	LH 050
DN150 6"	16 25/40	225	150	212 218	240 250	285 300	22 28	3	8	20 24	192	27	27	N/A	14	N/A	125	F12	LT 160	LT 200	LU 1000	LH 050

Note: D3 is designed to meet DIN EN1092-1



LPA16— Thin Ball Valve



LAPAR
Lapar Control Valve

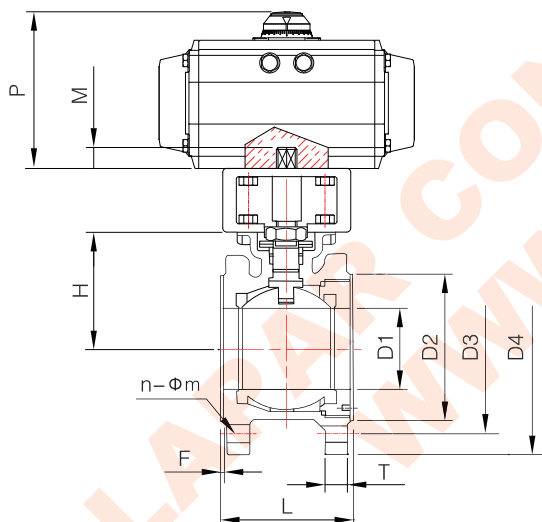
Code	Actuator	Action	Air Fail Position	Control	Structure	Body	Sealing	Ball	Connection DN	PN
LPA16-	1 Pneumatic 2 Pneumatic & Handwheel 3 Electric DC24V 4 Electric AC220V 5 Electric AC380V 7 Handle 8 Turbine 0 Others	D Double-acting S Single-acting 0 Others	1 Normally Open 2 Normally Close 3 Flexible 4 Held 0 Others	A On-off B Control C Intelligent 0 Others	5 One-piece 0 Others	A 316L B 316 C 304 I 304L D WCB 0 Others	P PTFE Q TFM1600 T EK 0 Others	A 316L B 316 C 304 I 304L 0 Others	1 Flange 2 Wafer	0 Others

Design Feature

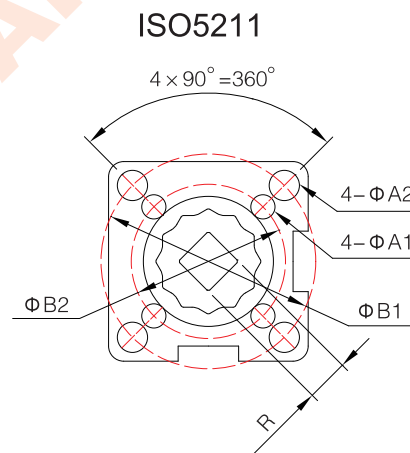
- Lost-wax precision casting
- Fire safe design approved
- Built-in ISO 5211 direct mounting pad for easy automation
- Anti-static devices for ball-stem-body
- Blow-out proof stem
- TA-LUFT design approved

Parameter

- DN: 15~150mm
- PN: 1.6~4.0Mpa
- Design:
DIN 3357/1,2,EN 12516-1
- Flanged End:
DIN EN1092-1 PN10-PN40
- Inspection & Testing:
DIN 3230/3,EN 12266
- Fire safe:
API 607 5th 2005,IOS 10497
- Applicable Temperature:
 - ▲ PTFE, TFM1600: -29°C ~ 178°C
 - ▲ EK: -29°C ~ 250°C



* Please refer to the actuator configuration table



ASME CLASS150

Unit:mm

SIZE	L	D1	D2	D3	D4	T	F	n	Φm	H	M	R	A1	A2	B1	B2	ISO5211	LT-DA	LT-SR	LU	LH
1/2"	42	15	35	60.5	89	9.7	2	4	1/2"	41	9	9	6	6	36	42	F03-F04	LT 50	LT 50	LU 50	LH 006
3/4"	44	20	43	70	98.6	10.5	2	4	1/2"	44	9	9	6	7	36	50	F03-F04	LT 50	LT 63	LU 50	LH 006
1"	50	25	50.8	79.3	108	11.2	2	4	1/2"	46.5	11	11	6	7	42	50	F04-F05	LT 50	LT 75	LU 50	LH 006
1-1/4"	60	32	63.5	88.9	117.4	12.7	2	4	1/2"	55	11	11	6	9	42	70	F04-F05	LT 63	LT 75	LU 50	LH 006
1-1/2"	65	38	73.2	98.6	127	14.2	2	4	1/2"	64	14	14	7	9	50	70	F05-F07	LT 63	LT 88	LU 160	LH 006
2"	80	50	92	120.6	152.4	15.9	2	4	5/8"	73.1	14	14	7	9	50	70	F05-F07	LT 75	LT 100	LU 160	LH 008
2-1/2"	110	63.5	105	139.7	177.8	17.5	2	4	5/8"	88	17	17	9	11	70	102	F07-F10	LT 88	LT 115	LU 250	LH 010
3"	120	76	127	152.4	190.5	19.1	2	4	5/8"	97	17	17	9	11	70	102	F07-F10	LT 100	LT 125	LU 250	LH 015
4"	150	100	157.3	190.5	228.6	23.9	2	8	5/8"	117	22	22	N/A	11	N/A	102	F10	LT 125	LT 145	LU 500	LH 030
5"	195	125	186	228.6	254	24	2	8	3/4"	155	27	27	14	N/A	125	N/A	F12	LT 145	LT 180	LU 500	LH 050
6"	225	150	215.9	254	279.4	25.4	2	8	3/4"	194	27	27	14	N/A	125	N/A	F12	LT 160	LT 200	LU 1000	LH 050

Note: D3 is designed to meet ANSI 150 B16.5



Lapar Control Valve