

YUANANAN VALVES

EMPOWERING IDEAS, DELIVERING
RESULTS

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Zhejiang Yuan'an Fluid Equipment Co., Ltd.'s new factory is located in the Wenzhou Binhai Development Zone, covering 50 mu (approximately 16 acres) of land, with a construction area of 56,000 square meters. It currently employs 220 people and generates an annual revenue of 150 million RMB. The company primarily produces sanitary valves, sanitary steel pipes, sanitary pipe fittings, and sanitary pumps. These products are widely used in the biopharmaceutical, alcoholic beverage, dairy, food, beverage, ice cream, cosmetics, paints and coatings, and water treatment industries. The company's commitment to technological excellence and reasonable pricing has earned it recognition from numerous renowned domestic and international companies, including Wahaha, Mengniu Dairy, Tsingtao Beer, Budweiser, Shenwei Pharmaceutical, and Huadong Pharmaceutical.

Production and processing utilizes world-class equipment, including imported CNC machines, and technology developed in collaboration with German suppliers. Adhering to a rigorous and pragmatic approach, stainless steel raw materials are sourced from Shanghai Walsin Lihua, Zhangjiagang Posco, and United Industries of the United States. Products are manufactured in strict accordance with ISO, DIN, ASME-BPE, SMS, and 3A standards, and undergo rigorous and comprehensive testing to ensure quality meets industry standards.

The new factory was built with the philosophy of "Three Life Cultures: Production, Life, and Ecology" in mind, ensuring employees enjoy a happy work and healthy life. All workshops are equipped with central air conditioning, ensuring a constant temperature that not only ensures precision in metal product production but also fosters a pleasant working environment for employees. While maintaining a stable production layout, the factory also provides ample space for employee living and leisure facilities. The factory also features a basketball court, table tennis court, and multi-purpose hall.

Thanks to the meticulous planning and implementation of the Information Engineering team, the company's ERP and MES systems were successfully implemented and launched, effectively enabling refined management and rapid response across sales, production, and logistics, thereby realizing the goal of becoming a modern, technologically advanced enterprise with intelligent manufacturing and a smart factory.

Ball Valve Series

One-piece internal screw ball valve



Two-piece internal helical ball valve



Three-piece internal helical ball valve



Three-piece weld ball valve



Three-piece quick-install ball valve



Three-piece quick-install ball valve



YAQ-P One-piece, Two-piece, and Three-piece Ball Valves

Material: 304/316L
Seals :PTFE

Applications :

Sanitary ball valves can be used for material conveying in industries including food and beverage processing, biopharmaceuticals, and chemicals. The fully through-hole valve design eliminates any fluid resistance, making it an ideal choice for handling viscous or particulate fluids.

Technical Specifications :

Nominal diameter: DN25~DN100 1"~4"

Body pressure resistance: 10 bar

Maximum operating pressure: 8 bar

Temperature range: -10°C ~+150°C

Material Specifications:

Parts in contact with the medium: SS 304 or SS 316L ;

Sealing material: Polytetrafluoroethylene (PTFE).

Interface Method:

Welding, quick-assembly, threaded connection



One-piece internal screw ball valve



Two-piece internal helical ball valve



Three-piece internal helical ball valve

Material: 304/316L
Seals :PTFE

YAQ-P One-piece, Two-piece, and Three-piece Ball Valves

Dimensions are in MM

One-piece internal screw ball valve

规格	d	H	E	L
1/4"	5	35	64	41
3/8"	7	37	70	45
1/2"	9.2	43.5	90	56
3/4"	12.5	47	90	60
1"	15	50	103	71
1 1/4"	20	57	103	76
1 1/2"	24.5	69	127	84
2"	32	74.5	127	97
2 1/2"	40	95	180	124
3"	49	105	180	148
4"	65	117	220	193

Two-piece internal helical ball valve

规格	d	H	E	L
1/4"	10.5	50	100	55
3/8"	12	50	100	55
1/2"	15	60	130	62
3/4"	20	64	130	72
1"	25	71	165	84
1 1/4"	32	78	165	97
1 1/2"	38	86	190	104
2"	49	95	190	120
2 1/2"	62	130	215	150
3"	76	148	250	164
4"	96	180	280	200

Three-piece welded ball valve

规格	d	D	H	E	L
Φ19.05	16.05	19.05	57	95	74
Φ25.4	22.4	25.4	65	115	86
Φ31.8	28.8	31.8	75	145	90
Φ38.1	35.1	38.1	90	155	101
Φ50.8	47.8	50.8	100	180	147
Φ63.5	59.5	63.5	105	180	152
Φ76.2	72.2	76.2	140	230	190
Φ101.6	97.6	101.6	150	305	266

Butterfly Valve Series

YAJ Manual Butterfly Valve



YAJ Pneumatic Butterfly Valve



YAJZ Pneumatic Butterfly Valve (Intelligent Type)



YAJ Manual and Pneumatic butterfly valve

Applications :

YAJ series are sanitary automatic and manually operated butterfly valves

for use in stainless steel piping systems.

Working Principle :

The YAJ can be remotely controlled by a driver or manually operated by a handle.

Drivers are available in three standard sizes:

Normally Closed (NC), Normally Open (NO), and Air/Air (A/A).

Standard Design :

The YAJ butterfly valve is available in three models:

YAJ for ISO standard piping, YAJ for DIN standard piping, and YAJ-F for flange connections.

The YAJ butterfly valve consists of two valve halves, a valve disc, a valve stem, and a sealing ring.

The YAJ-F valve also includes two flanges and two flange sealing rings.

The YAJ butterfly valve is assembled using screws and nuts.

The butterfly valve actuator is available in three sizes:

85mm, 109mm, and 133mm, suitable for all valve sizes.

The actuator is available in two models: YAJ and YAJ-F.

The YAJ-F model can be equipped with a top control device.

The YAJ butterfly valve can also be equipped with a position indicator, which is mounted on the fixing between the actuator and the valve.

The indicator can be equipped with a micro switch, a progressive switch, or a Hall effect switch.

Technical Parameters :

Maximum Product Pressure: 1000 kPa (10 bar)

Minimum Product Pressure: Vacuum

Temperature Range: -10°C to +95°C

Materials :

Parts in contact with product: AISI 304 or AISI 316L

Surface finish: Matt

Other parts: AISI 304

Rubber grade: Silicone rubber (Q), EPDM, or FKM

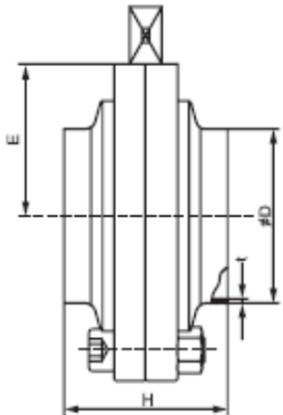
Disc lining: Polyvinylidene fluoride (PVDF)

Surface finish: Matt

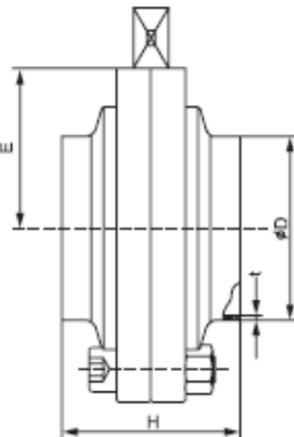


YAJ type for ISO standard pipes

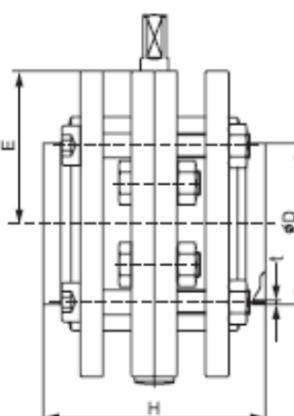
Dimensions are in MM

1001		规格	$\Phi D \times t$	d	H
		$\Phi 25$	$\Phi 25.4 \times 1.5$	47	34.5
$\Phi 32$	$\Phi 31.8 \times 1.5$	47	34.5		
$\Phi 38$	$\Phi 38.1 \times 1.5$	47	34.5		
$\Phi 51$	$\Phi 50.8 \times 1.5$	52	46.5		
$\Phi 63.5$	$\Phi 63.5 \times 2$	54	53.5		
$\Phi 96$	$\Phi 76.2 \times 2$	56	61.5		
$\Phi 102$	$\Phi 101.6 \times 2$	68	78		

YAJ type for DIN standard pipes

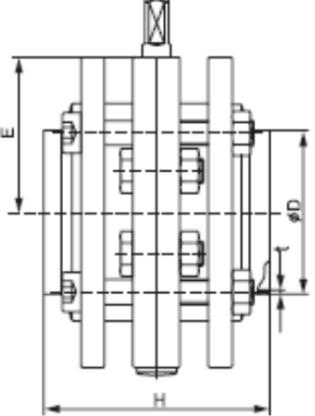
1002		规格	$\Phi D \times t$	H	E
		DN25	$\Phi 28 \times 1.5$	47	34.5
DN32	$\Phi 34 \times 1.5$	47	34.5		
DN40	$\Phi 40 \times 1.5$	47	40		
DN50	$\Phi 53 \times 1.5$	52	46		
DN65	$\Phi 70 \times 2$	54	57		
DN80	$\Phi 85 \times 2$	58	67		
DN100	$\Phi 104 \times 2$	68	78		
DN125	$\Phi 129 \times 2$	74	97		
DN150	$\Phi 154 \times 2$	74	109		
DN200	$\Phi 204 \times 2$	74	150		

YAJ-F (flange type) for ISO standard piping

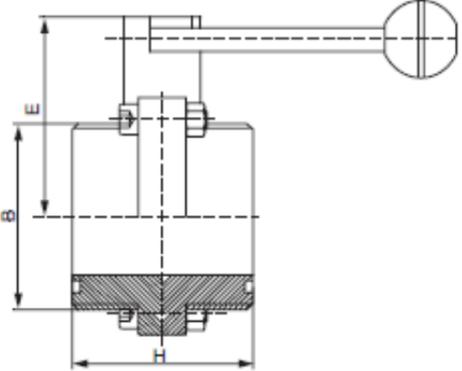
1003		规格	$\Phi D \times t$	H	E
		$\Phi 25$	$\Phi 25.4 \times 1.5$	89	34.5
$\Phi 32$	$\Phi 31.8 \times 1.5$	89	34.5		
$\Phi 38$	$\Phi 38.1 \times 1.5$	89	34.5		
$\Phi 51$	$\Phi 50.8 \times 1.5$	96	46.5		
$\Phi 63.5$	$\Phi 63.5 \times 2$	98	53.5		
$\Phi 76$	$\Phi 76.2 \times 2$	102	61.5		
$\Phi 102$	$\Phi 101.6 \times 2$	114	78		

YAJ-F (flange type) for DIN standard pipes

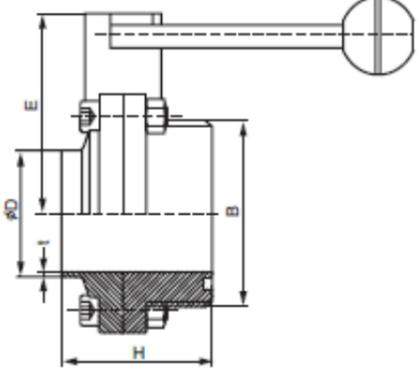
Dimensions are in MM

1004		规格	$\Phi D \times t$	H	E
		DN25	$\Phi 28 \times 1.5$	89	34.5
DN32	$\Phi 34 \times 1.5$	89	34.5		
DN40	$\Phi 40 \times 1.5$	89	40		
DN50	$\Phi 53 \times 1.5$	96	46		
DN65	$\Phi 70 \times 2$	98	57		
DN80	$\Phi 84 \times 2$	106	67		
DN100	$\Phi 104 \times 2$	110	78		
DN125	$\Phi 128 \times 2$	110	97		
DN150	$\Phi 154 \times 2$	110	109		
DN200	$\Phi 204 \times 2$	124	150		

SMS external thread butterfly valve

1005		规格	H	E	B
		$\Phi 25$	76	68.5	$40 \times 1/6$
$\Phi 32$	76	68.5	$48 \times 1/6$		
$\Phi 38$	76	68.5	$60 \times 1/6$		
$\Phi 51$	76	80	$70 \times 1/6$		
$\Phi 63.5$	80	87.5	$85 \times 1/6$		
$\Phi 76$	84	98	$98 \times 1/6$		
$\Phi 102$	90	115	$124 \times 1/6$		

SMS (one side welded, one side threaded) butterfly valve

1006		规格	$\Phi D \times t$	H	E	B
		$\Phi 25$	$\Phi 25.4 \times 1.5$	61.5	75	$40 \times 1/6$
$\Phi 32$	$\Phi 31.8 \times 1.5$	61.5	75	$48 \times 1/6$		
$\Phi 38$	$\Phi 38.1 \times 1.5$	61.5	75	$60 \times 1/6$		
$\Phi 51$	$\Phi 50.8 \times 1.5$	64	87	$70 \times 1/6$		
$\Phi 63.5$	$\Phi 63.5 \times 2$	67	94	$85 \times 1/6$		
$\Phi 76$	$\Phi 76.2 \times 2$	70	105	$98 \times 1/6$		
$\Phi 102$	$\Phi 101.6 \times 2$	79	122	$124 \times 1/6$		

YAJ Quick-install Butterfly Valve

Dimensions are in MM

规格		H	E	F	B
Φ25	DN25	66	68.5	110	50.5
Φ32	DN32	66	68.5	110	50.5
Φ38	DN40	66	68.5	110	50.5
Φ51	DN50	70	80	110	64
Φ63.5	DN65	70	87.5	110	77.5
Φ76	DN80	74	98	168	91
Φ102	DN100	80	115	168	119

YAJ External Thread Butterfly Valve

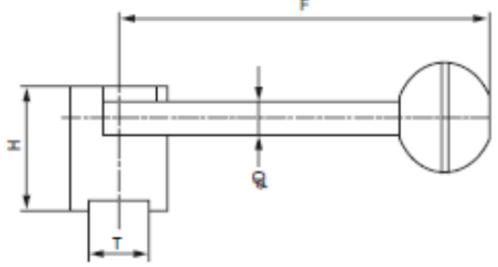
规格	H	E	B	F
DN25	76	75	52×1/6	110
DN32	76	75	58×1/6	110
DN40	76	75	65×1/6	110
DN50	78	87	78×1/6	110
DN65	80	94	95×1/6	110
DN80	86	91	110×1/4	168
DN100	90	122	130×1/4	168
DN125	90	142	160×1/4	200
DN150	90	154	190×1/4	200

YAJ Welding/External Thread Butterfly Valve

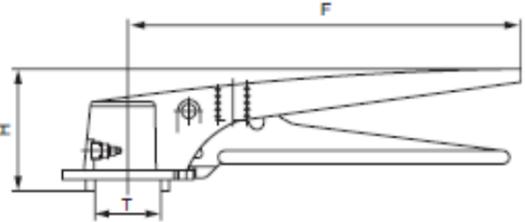
规格	H	E	B	F
DN25	61.5	75	52×1/6	110
DN32	61.5	75	58×1/6	110
DN40	61.5	75	65×1/6	110
DN50	65	87	78×1/6	110
DN65	69	94	95×1/6	110
DN80	71	91	110×1/4	168
DN100	80	122	130×1/6	168
DN125	82	142	160×1/6	200
DN150	82	154	190×1/6	200

Handle-1.1 (with two positions and four positions)

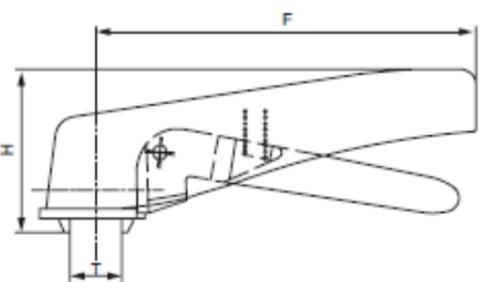
Dimensions are in MM

	规格		F	ΦD	H	B
	Φ25-Φ63.5	DN25-DN65	110	10	39.5	20.3
	Φ76-Φ102	DN80-DN100	168	12	41.5	22.3
		DN125-DN150	200	14	41.5	22.3
		DN200	300	16	57	30.3

Stainless Steel Gear Handle

	规格		F	H	T
	Φ25-Φ63.5	DN25-DN65	150	58	20.3
	Φ76-Φ102	DN80-DN150	180	58	22.3

Plastic Gear Handle

	规格		F	H	T
	Φ25-Φ38	DN25-DN65	112	58	20.3
	Φ51-Φ63.5	DN80-DN100	146	58	20.3
	Φ76-Φ102	DN125-DN150	182	58	22.3

YAJZ Pneumatic Butterfly Valve (Intelligent Type)

Applications :

The YAJZ sanitary butterfly valve with a control head is used in stainless steel piping systems and is widely applied in the fields of beer, beverages, juice, and pharmaceutical engineering.

Advantage :

Unique exterior design, easy to disassemble.

The control head is equipped with a solenoid valve and two proximity switches, making on-site wiring convenient.

Imported seals have strong resistance to acids, alkalis, and high temperatures, with minimal permanent compression deformation.

Technical Specifications:

Caliber range: DN25-DN125

Maximum product pressure: 1000 KPa (10 bar)

Minimum product pressure: vacuum

Temperature range: -10°C to +90°C

Supply compressed air: minimum 4 bar, maximum 8 bar

Material :

Parts in contact with materials: AISI304 or AISI316L

Surface treatment: Electrolytic

Sealing material: EPDM

Material: 304/316L
Seals : Silicone, EPDM,
FKM



ISO standard butterfly valve pneumatic actuator

Dimensions are in MM

规格	A	B	C
Φ25	184	85	10.1
Φ32	184	85	10.1
Φ38	184	85	10.1
Φ51	184	85	10.1
Φ63.5	184	85	10.1
Φ76	224.5	109	12.1
Φ102	307.5	133	12.1

DIN Standard Butterfly Valve Pneumatic Actuator

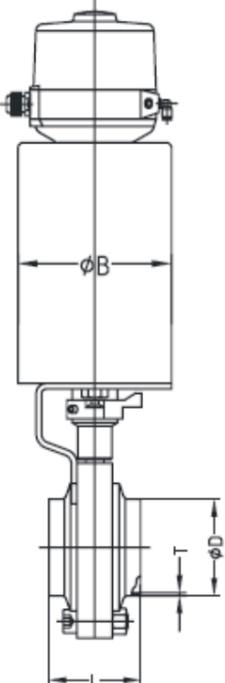
规格	A	B	C
DN25	184	85	10.1
DN32	184	85	10.1
DN40	184	85	10.1
DN50	184	85	10.1
DN65	184	85	10.1
DN80	184	85	10.1
DN100	224.5	109	12.1
DN125	224.5	109	12.1
DN150	307.5	133	12.1
DN200	307.5	133	12.1

External Thread / Joint Butterfly Valve

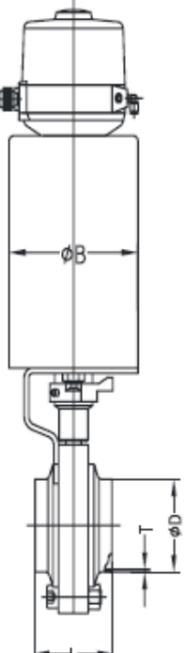
规格	H	E	B	F
DN25	78.5	67	52×1/6	120
DN32	78.5	67	58×1/6	120
DN40	78.5	67	65×1/6	120
DN50	83	76	78×1/6	120
DN65	90	87	95×1/6	140
DN80	101	106	110×1/6	160
DN100	112	114	130×1/6	180
DN125	113	142	160×1/6	180
DN150	113	154	190×1/6	180

YAJZ Pneumatic Butterfly Valve (Intelligent Type)

Dimensions are in MM

	1016	规格	DXT	L	B		
	Φ25	25.4X15	47	85			
	Φ32	31.8X15	47	85			
	Φ38	38.1X15	47	85			
	Φ51	50.8X15	52	85			
	Φ63	63.5X2	54	85			
	Φ76	76.2X2	56	85			
	Φ102	101.6X2	68	109			

YAJZ Pneumatic Butterfly Valve (Intelligent Type)

	1017	规格	DXT	L	B		
	DN25	28X15	47	85			
	DN32	34X15	47	85			
	DN40	40X15	47	85			
	DN50	53X15	52	85			
	DN65	70X2	54	85			
	DN80	85X2	58	85			
	DN100	104X2	68	109			
	DN125	129X2	74	109			
	DN150	154X2	74	133			
DN200	204X2	74	133				

YAJD Butterfly Valve

Applications :

The YAJD sanitary butterfly valve is used in stainless steel piping systems and is widely applied in the fields of beer, beverages, juice, and pharmaceutical engineering.

Advantages :

Unique exterior design, easy to disassemble.

The butterfly plate's unique design provides better sealing; if there is a leak, it can be detected and discharged through the drainage port.

The valve is available in manual and pneumatic options, and can be equipped with an intelligent controller or proximity switch.

Imported seals have strong resistance to acids, alkalis, and high temperatures with minimal permanent compression deformation.

Technical Specifications :

Caliber range: DN25-DN125

Maximum product pressure: 1000 KPa (10 bar)

Minimum product pressure: vacuum

Temperature range: -10°C to +90°C

Supply compressed air: minimum 4 bar, maximum 8 bar

Materials:

Parts in contact with materials: AISI304 or AISI316L

Surface treatment: Electrolytic

Sealing material: Ethylene Propylene Diene Monomer (EPDM)

Material: 304/316L
Seals : Silicone, EPDM,
FKM



YAJD Manual Butterfly Valve



YAJD Pneumatic Butterfly Valve

YNG Check Valve



YNG-A Check Valve



YNG-B Type Check Valve



YNG-Q Ball Check Valve



Applications :

The check valve is used in stainless steel piping systems to prevent the backflow of the medium.

Technical Specifications :

Maximum conveyed material pressure: 10 bar

Temperature range: -10°C ~ +100°C (EPDM)

Connection Types:

A) Welded type, threaded type, clamp type, flange type.

B) The connection methods with pipelines or equipment are all manufactured according to DIN11850/IDF/ISO/SMS/3A international standard dimensions, ensuring compatibility and interchangeability with imported equipment.

Materials:

Parts in contact with materials:304 or 316L

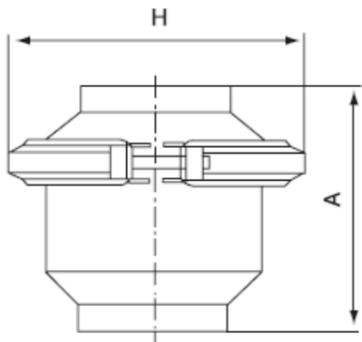
Surface treatment: Matte

Sealing material for parts in contact with materials: EPDM

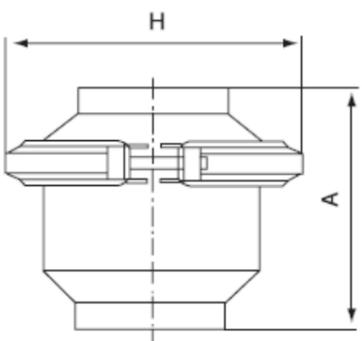
Material: 304/316L
Seals :EPDM
Standard: ISO/DIN
Connection Type: Welding

YNG-A ISO Check Valve

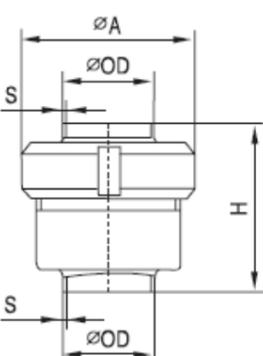
Dimensions are in MM

	1020	规格	H	A	
		Φ25	92	76	
		Φ38	92	75	
		Φ51	103	86	
		Φ63.5	122	114	
		Φ76.1	140	125	
		Φ101.6	181	170	

YNG-A DIN Check Valve

	1021	规格	H	A	
		DN25	92	76	
		DN32	92	75	
		DN40	92	75	
		DN50	103	86	
		DN65	122	114	
		DN80	140	125	
		DN100	181	170	

YNG-B ISO Type Check Valve

	1022	规格	OD x S	A	H
		Φ25	25.4x1.5	72	65.5
		Φ32	31.8x1.5	72	69.5
		Φ38	38.1x1.5	72	69.5
		Φ51	50.8x1.5	82	76
		Φ63.5	63.5x2	98	102
		Φ76.1	76.2x2	112	102
		Φ101.6	101.6x2	146	127

Material: 304/316L
Seals :PTFE

YAQ-P Three-Piece Ball Valve

Three-piece internal helical ball valve

Dimensions are in MM

	规格	d	H	E	L
	1/2"	15	58	100	70
	3/4"	20	64	125	80
	1"	25	69	125	90
	1 1/4"	32	79	130	111
	1 1/2"	38	84	166	119
	2"	50	110	190	149
	2 1/2"	63	199	215	166
	3"	78	145	253	203
	4"	98	155	285	241

Three-piece quick-install ball valve

	规格	d	F	G	H	E	L
	Φ19.05	16.05	43.5	50.5	57	95	99
	Φ25.4	22.4	43.5	50.5	65	115	110
	Φ31.8	28.8	43.5	50.5	75	145	112
	Φ38.1	35.1	43.5	50.5	90	155	133
	Φ50.8	47.8	56.5	64	100	180	160
	Φ63.5	59.5	70.5	77.5	105	180	177.5
	Φ76.2	72.2	83.5	91	140	230	205
	Φ101.6	97.6	101.6	119	150	315	266

Pneumatic three-piece quick-release ball valve (with limit switch)

	规格	d	F	G	E	A	L1
	Φ19.05	16.05	43.5	50.5	147	172	99
	Φ25.4	22.4	43.5	50.5	168	187.5	110
	Φ31.8	28.8	43.5	50.5	168	187.5	112
	Φ38.1	35.1	43.5	50.5	184	199.5	133
	Φ50.8	47.8	56.5	64	204	208.7	160
	Φ63.5	59.5	70.5	77.5	262	216.5	177.5
	Φ76.2	72.2	83.5	91	301	255	205
	Φ101.6	97.6	101.5	119	301	255	266