



KV series ball valve is a type of valve with a spherical body that controls the flow of the medium by rotating a hole inside the sphere. It features a simple structure, convenient operation, and flexible switching. It can be quickly opened and closed, swiftly cutting off the flow of the medium, with low fluid resistance and good flow regulation performance. Additionally, it has good sealing performance, making it suitable for high pressure, high temperature, and corrosive medium applications.

KVT IV True Union Ball Valve (Butt Welding)

Description

- Material: PPH
- Size: 1/2" – 4"; 20 mm – 110 mm; DN15 – DN100
- Standard: DIN
- Joint: Butt welding
- Working pressure: 150 psi
- Operation temperature: 5 °C to 90 °C
- Color:
 - Handle color: Red, blue, green, and orange
 - Body color: Beige

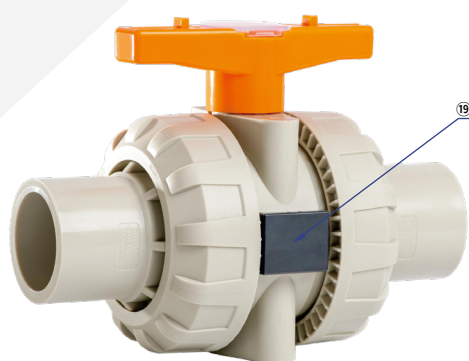
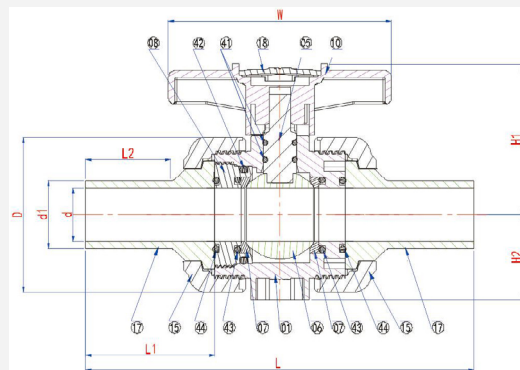


Feature

- Complies with NSF and drinking water standard
- Low torque
- Nano-modified raw material to improve pressure resistance and impact resistance
- Adding anti-UV absorbers and antioxidants to improve weathering and aging resistance
- 100% working pressure testing

Material List

S/N	Part	Specification	Qty.
44	O-ring	EPDM/VITON	2
43	O-ring	EPDM/VITON	2
42	O-ring	EPDM/VITON	1
41	O-ring	EPDM/VITON	2
19	Cover	PP	1
18	Nameplate	ABS (clear)	1
17	Union end	PPH	2
15	Nut	PPH	2
10	Handle	ABS	1
08	Liner	PPH	1
07	Seat seal	TPV/PTFE	2
06	Ball	PPH	1
05	Stem	PPH	1
01	Body	PPH	1



Unit: mm

Size	d	d1	L	L1	L2	W	H1	H2	F	I	Operating Torque (N · m)
1/2" (15)	15	20.00	164.60	56.30	38.80	84.00	52.50	27.50	31.00	M5	2
3/4" (20)	20	25.00	174.00	60.00	40.30	90.00	59.00	32.00	33.00	M5	2.5
1" (25)	25	32.00	184.60	61.30	40.20	106.00	67.50	37.25	40.00	M5	4
1-1/4" (32)	32	40.00	201.00	65.50	42.20	116.00	77.50	42.75	52.00	M8	5
1-1/2" (40)	40	50.00	219.50	70.00	45.30	128.00	90.00	50.00	52.00	M8	7.5
2" (50)	50	63.00	228.00	71.50	45.10	140.00	106.00	60.00	70.00	M8	10
2-1/2" (65)	63	75.00	270.50	69.00	35.00	210.00	136.50	76.50	84.00	M10	15
3" (80)	75	90.00	313.20	81.60	45.50	235.00	149.50	86.00	84.00	M10	20
4" (100)	97	110.00	333.20	80.60	40.30	260.00	175.00	107.00	121.00	M12	28