

K15 series

The K15 valve from Afflu-o, with its unique features, surpasses industry standards. Available in PVC and CPVC in sizes from ½” to 4”, it combines performance and efficiency and is easy to operate. Its true union design allows easy disassembling and maintenance. In addition, the valve design facilitates the installation of an actuator.



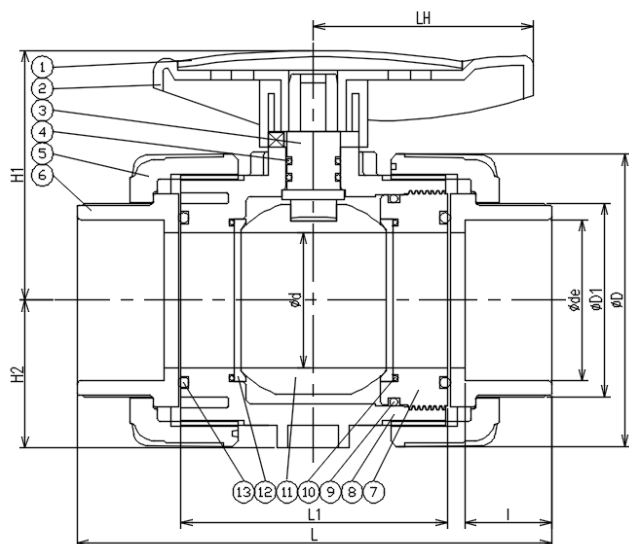
- Available in PVC and CPVC
- EPDM or FPM O-rings
- PTFE seats
- Double O-ring steam seals
- Full port design
- Corrosion resistant
- Adjustable seat retainer
- Easily actuated
- Multi-function handle
- Easy maintenance
- Mounting base

Specifications

- Pressure: 150 PSI @ 73 ° C
- Complies with ANSI and NSF 61 standards
- PVC cell class 13343 per ASTM D1784
- CPVC cell class 23447 per ASTM D1784

Options

- Electric Actuator
- Pneumatic Actuator
- Vented ball (Sodium Hypochlorite)
- Threaded Connectors
- Threaded Insert Fittings



No	Parts name	Qty	Material
1	Multi-function tool	1	ABS
2	Handle	1	ABS
3	Stem	1	PVC, CPVC
4	O-Ring	2	EPDM, FPM
5	Nut	2	PVC, CPVC
6	Connector	2	PVC, CPVC
7	Carry	1	PVC, CPVC
8	Body	1	PVC, CPVC
9	O-Ring	1	EPDM, FPM
10	O-Ring	2	EPDM, FPM
11	Ball	1	PVC, CPVC
12	Seat	2	PTFE
13	O-Ring	2	EPDM, FPM

Dimensions	D	L	de	I	NPT	D1	d	L1	LH	H1	H2	Torque (kg-cm)	Cv
½" (15 mm)	46	116	21.34	22.5	14	32	13	62	45	49	23.5	25	8
¾" (20 mm)	56	133	26.67	25.7	14	38	19	72	52	60	29	30	15
1" (25 mm)	66	150	33.4	28.9	11.5	45	25	80	58	69	35	35	29
1 ¼" (32 mm)	82	168	42.16	33.8	11.5	55	31	87	66	76	42.5	65	75
1 ½" (40 mm)	98	173	48.26	35	11.5	67	40	94	69	91	50.5	75	90
2" (50 mm)	120	206	60.32	38.5	11.5	81	50	112	81	110	61	95	140
2 ½" (65 mm)	162	254	73.02	45	8	92	75	147	118	140	82	150	330
3" (80 mm)	162	262	88.9	48	8	108	75	147	118	140	82	150	480
4" (100 mm)	220	311	114.3	57.5	8	134	100	177	140	185	111	250	600

Pressure loss
Calculation formula

$$\Delta P = (Q/C_v)^2$$

ΔP : Pressure drop
 Q : Flow in GPM
 C_v : Flow coefficient

