

K35 series

Lever handle

The K35 butterfly valve, available in PVC and CPVC in sizes 2" to 8", has a handle that can be at eleven different positions, which makes it very versatile. As all valves of the Afflu-o line, the K35 can be easily actuated, either by a pneumatic or electric actuator.



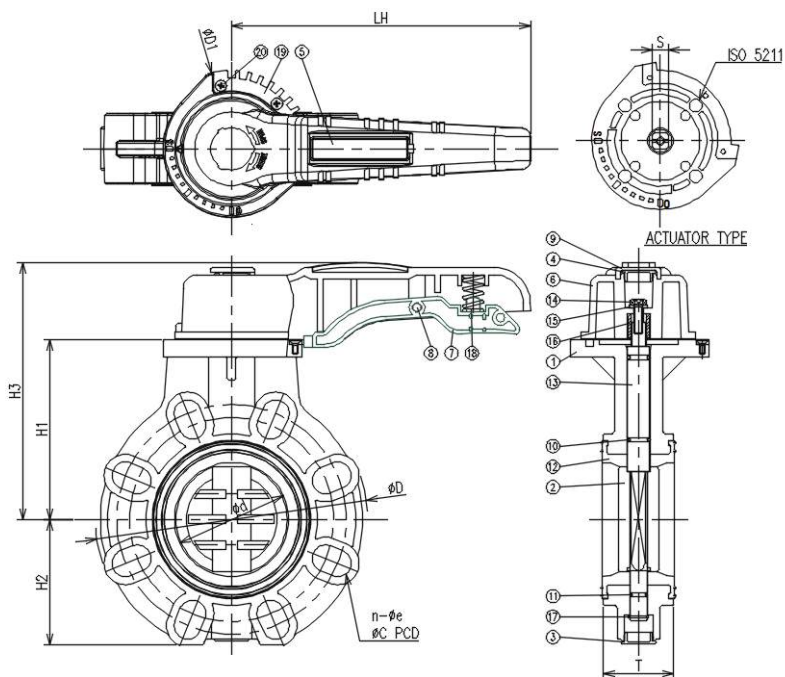
- Available in PVC and CPVC
- EPDM or FPM O-rings and seals
- Eleven positions lever handle
- Built-in handle lockout
- Universal bolt holes suitable for ANSI, DIN and JIS systems
- Protection for over tightening of mating flange
- Corrosion resistant
- Easily actuated

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



No	Parts name	Qty	Material
1	Body	1	PVC, CPVC
2	Disc	1	PVC, CPVC
3	Body Cap	1	ABS
4	Handle Cap	1	ABS
5	Handle Cap	1	ABS
6	Handle	1	ABS
7	Small Handle	1	PPG
8	Pin	1	PPG
9	Clear Cap	1	AS
10	Stem O-Ring	2	EPDM, FPM
11	Stem O-Ring	1	EPDM, FPM
12	Seat	1	EPDM, FPM
13	Stem	1	SUS410
14	Bolt	1	SUS304
15	Washer	1	SUS304
16	Insert	1	SUS304
17	C-Ring	1	SUS304
18	Spring	1	SUS304
19	Gear	1	SUS304
20	Bolt	3	SUS304

Dimensions	D	T	LH	H1	H2	H3	d	ØC	n-Øe	D1	S	ISO 5211	Torque (Nm)	Cv
2" (50 mm)	156	43	210	103	72	158	57	120.7	4-19	110	11	F05 / F07	15	110
2 ½" (65 mm)	177	46	210	114	80	168	68	139.5	4-19	110	11	F05 / F07	20	230
3" (75 mm)	191	49	210	126	88	180	78	152.4	4-19	110	11	F05 / F07	25	280
4" (100 mm)	223	56	210	143	103	198	98	190.5	8-19	110	14	F07	40	440
5" (125 mm)	253	64	280	170	117	234	122	215.9	8-19	156	17	F07 / F10	55	800
6" (150 mm)	279	70	280	181	129	245	145	241.5	8-23	156	17	F07 / F10	75	1000
8" (200 mm)	337	71	330	218	162	287	195	298.5	8-23	156	22	F10	110	2200

Pressure loss
Calculation formula

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

Δ P : Pressure drop

Q : Flow in GPM

Cv : Flow coefficient

