

K35 series

Gear box

This butterfly valve of the K35 series has a gear box covered in epoxy, which maximizes the life of the valve. Available in sizes 2" to 24", in PVC or CPVC, this product can be used for many different applications.



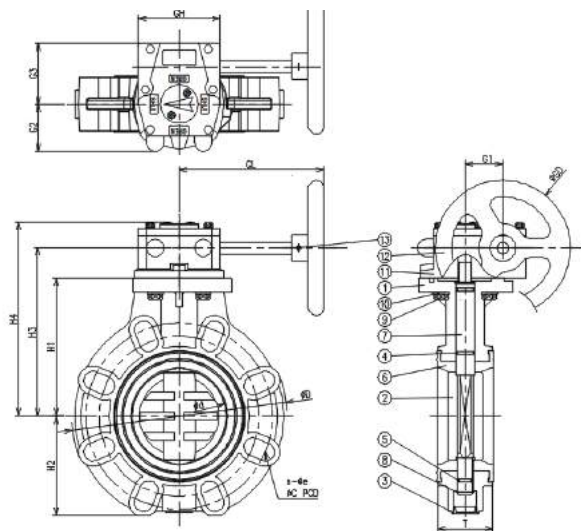
- Available in PVC and CPVC
- Corrosion resistant
- Easily actuated
- Protection for over tightening of mating flange
- EPDM or FPM O-rings and seals

Specifications

- 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 cape	1	ABS
4	Stem O-ring	2	EPDM, FPM
5	Stem O-ring	1	EPDM, FPM
6	Seat	1	EPDM, FPM
7	Stem	1	SUS410
8	C-ring	1	SUS304
9	Bolt	4	SUS304
10	Washer	4	SUS304
11	Gear box	1	CAST IRON (Epoxy)
12	Handle	1	WCB
13	Pin	1	SS41

Dimensions	D	T	H1	H2	H3	H4	d	ØC	n-Øe	Torque (Nm)	Cv	G1	G2	G3	GH	GD	GL	Working pressure (psi)
2" (50 mm)	156	43	103	72	134	161	57	120.7	4-19	15	110	39	49	63	85	140	151	150
2 ½" (65 mm)	177	46	114	80	145	172	68	139.5	4-19	20	230	39	49	63	85	140	151	150
3" (75 mm)	191	49	126	88	157	184	78	152.4	4-19	25	280	39	49	63	85	140	151	150
4" (100 mm)	223	56	143	103	174	201	98	190.5	8-19	40	440	39	49	63	85	140	151	150
5" (125 mm)	253	64	170	205	205	234	122	215.9	8-19	55	800	53	60	85	108	260	215	150
6" (150 mm)	279	70	181	129	216	245	145	241.5	8-23	75	1000	53	60	85	108	260	215	150
8" (200 mm)	337	71	218	162	253	282	195	298.5	8-23	110	2200	53	60	85	108	260	215	150
10" (250 mm)	400	96	235	200	270	304	255	362	12-25	175	3850	51	60	76	102	178	178	150
12" (300 mm)	483	116	289	239	341	392	312	431.8	12-25	280	5680	72	83	106	142	305	216	105
14" (350 mm)	520	116	305	259	357	408	355	476.3	12-29	370	6400	72	83	106	142	305	216	105
16" (400 mm)	600	153	353	302	405	456	398	539.8	16-29	420	8300	72	83	106	142	356	232	88
18" (450 mm)	640	166	365	317	426	486	451	577.9	16-32	520	10 800	116	125	160	214	460	280	74
20" (500 mm)	711	171	405	365	466	526	500	635	20-32	-	14 500	116	125	160	214	457	319	52
24" (600 mm)	813	191	460	425	521	581	600	749.3	20-35	-	18 500	116	125	160	214	508	330	52

Pressure loss Calculation formula

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

Δ P : Pressure drop

Q : Flow in GPM

Cv : Flow Coefficient

