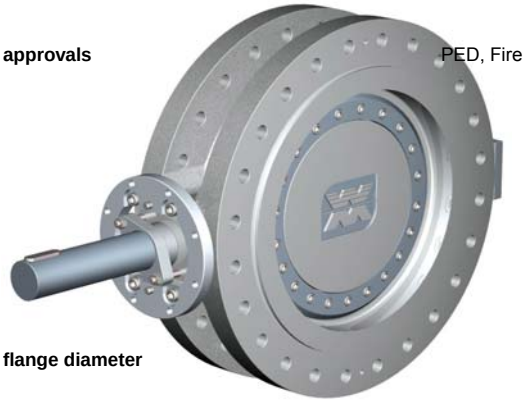
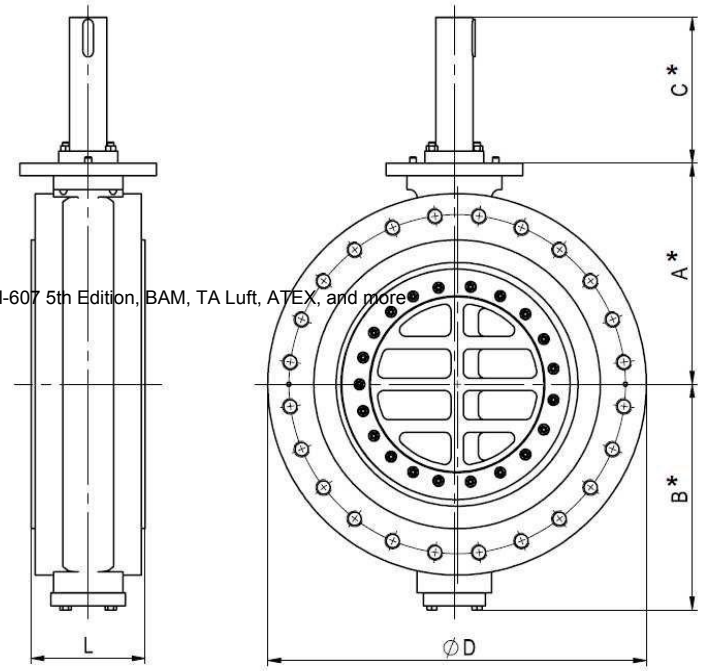
four offset butterfly valves

butterfly valve
connection — **flanged - short pattern flanged valve**
bare shaft — **automation options are available**
available sizes — **3" - 40", other sizes on request**
pressure classes — **ANSI 150, 300, 600**





approvals — PED, Fire Safe API-607 5th Edition, BAM, TA Luft, ATEX, and more

flange diameter

specification

body materials		carbon steel, stainless steel, special materials (duplex, Inconel, bronze, or other)
function		on/off or modulating
pressure range		body pressure up to ANSI class 600
		Trim A - shaft design for maximum Δp in both directions of 290 psi, for **Class 150**
Cv [gpm]	Trim A Δp max 290 psi Trim X Δp max 754 psi Trim B Δp max 1500 psi Trim C Δp max 2250 psi	Trim X (std) - shaft design for maximum Δp in both directions of 754 psi, for **Class 300** (or Class 150)
		Trim B - shaft design for maximum Δp in both directions of 1500 psi, for **Class 600**
leak rate		API-6D, API-598 Resilient, 1 DIN 3230 A DIN EN 12266, BS 6364
preferred flow direction		bi-directional with preferred direction indicated on valve
process temperatures		standard +14°F to +842°F
		with special materials, -454°F to +1472

dimensional data

size	**[inch]**		**3**	**4**	**5**	**6**	**8**	**10**	**12**	**14**	**16**	**18**	**20**	**24**
pipe cl to mounting plate		**A**	5.04	6.38	-	7.99	9.45	10.98	12.01	12.80	15.16	15.94	17.32	20.87
pipe cl to cover screws		**B**	5.08	6.22	-	8.03	9.49	11.06	12.09	13.11	15.08	15.87	17.36	21.30
shaft height from plate		**C**	3.74	4.92	-	5.71	7.09	7.09	7.09	11.02	11.38	11.81	12.17	12.60
	ANSI 150	**D**	7.48	9.06	-	11.02	13.86	15.94	19.09	21.65	23.23	25.20	27.56	32.09
	ANSI 300	**D**	8.27	10.00	-	12.60	14.96	17.52	20.28	23.03	25.98	27.95	30.31	35.75
	ANSI 600	**D**	8.27	10.83	-	13.98	16.54	20.00	22.05	23.82	26.97	29.33	32.09	37.01
	ANSI 150	**L**	9.45	11.50	-	14.96	18.50	21.46	24.02	25.20	27.76	31.10	33.86	40.94
	ANSI 300	**L**	4.50	5.00	-	5.50	6.00	6.50	7.00	7.50	8.50	8.75	9.00	10.50
	ANSI 600	**L**	7.00	7.50	-	8.31	9.06	9.88	10.63	11.44	12.25	13.00	13.81	15.38

Cv value

size	**[inch]**	**3**	**4**	**5**	**6**	**8**	**10**	**12**	**14**	**16**	**18**	**20**	**24**
		137	300	486	810	1755	3030	4462	6370	9237	12483	15024	24013
		137	300	486	760	1680	2850	4326	5953	8513	11612	14091	22387
		117	242	400	670	1458	2469	3698	5185	7305	10160	11913	-
		117	242	400	670	1353	2228	3402	4607	6580	9290	10979	-

This valve's technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials, and characteristics. Specifications subject to change.