



## Butterfly Valve

### High Volume Flow Control



Siral's resilient seat butterfly valve offers high volume flow control in a space efficient package. It is offered in 2-way configurations from 2" to 30" and in 3-way configurations from 2" to 12". All sizes are available with electric or pneumatic actuators.

The Siral C and C...L series butterfly valves support a wide range of commercial and industrial applications. With standard lug style design, they are optimized for ANSI 150 piping systems. The control actuators in this series also offer Nema 4X protection for more demanding environmental conditions.

### Design

- Multiple bushing centralization design - Maintains tight concentricity tolerance over life which reduces possibility of leakage and torque drift.
- Cartridge seat design contains an elastomer bonded to a synthetic polymer stabilizing ring which reduces seat degradation by eliminating movement of the elastomer.
- Reduce cartridge cross sectional area allows for a more controlled range of expansion hence leading to more stable torque and increased productlife.
- Disc precision machined contact profile to help maintain consistent disc to seat relationship through life.



### COMMON APPLICATIONS

- Cooling Tower Isolation
- Chiller Bypass
- Large Coils
- Large Air Handlers
- Change Over Systems

### SNAPSHOT

- Flow patterns: 2-way and 3-way
- Size range: 2" to 30"
- Cv range: 115 to 73,433
- Control: On/Off, Floating Point, 2-10VDC

# Siral C and C...L Series Butterfly Valves



Inches	DN (mm)	Cv	2-way	3-way	Close Off Pressure	Non-Spring Return				Fail-Safe	
						NEMA 4X				2-way	3-way
						2-way	3-way	2-way	3-way		
2"	50	115	C2050L	C3050L	50 psi	V-NF	V-NF	N1	N1	V-FF	V-FF
2.5"	65	195	C2065L				V-NH				
3"	80	300	C2080L	C3080L							
4"	100	600	C2100L	C3100L		V-NH					
5"	125	1010	C2125L	C3125L				N2	N2		
6"	150	1580	C2150L	C3150L							
8"	200	3100	C2200L	C3200L				N3	N3		
10"	250	5300	C2250L	C3250L							
12"	300	8252	C2300L	C3300L			N4	N4			



Inches	DN (mm)	Cv	2-way	3-way	Close Off Pressure	Non-Spring Return				Fail-Safe
						NEMA 4X				2-way
						2-way	3-way	2-way	3-way	
2"	50	115	C2050	C3050	200 psi	V-NF	V-NF			V-FF
2.5"	65	195	C2065	C3065			V-NH			
3"	80	300	C2080	C3080						
4"	100	600	C2100	C3100		V-NH		N2	N2	
5"	125	1010	C2125	C3125						
6"	150	1580	C2150	C3150				N3	N3	
8"	200	3100	C2200	C3200						
10"	250	5300	C2250	C3250				N4	N4	
12"	300	8252	C2300	C3300	150 psi					
14"	350	11920	C2350*	C3350*				N5	N5	
16"	400	16382	C2400*	C3400*				N6	N6	
18"	450	21701	C2450*	C3450*						
20"	500	27899	C2500*	C3500*				N8	N8	
24"	600	43101	C2600*	C3600*						
24"	600	43101	C2600*	C3600*				N11	N12	
30"	750	73433	C2750*					N12		

\* Special order sizes contact customer service for lead time