

**Econotrol Series 09  
Butterfly Valve  
2" thru 14" for  
125/150 lb. Flanging**



**Cv Values for Econotrol series 09  
Swing Thru Butterfly Valves**

By definition, Cv is the flow coefficient of a control device or flow restriction. Cv is defined as the number of US gallons of 60°F water per minute which will flow through the given restriction with a one pound per square inch pressure drop.

**Cv Values**

(Flow in GPM of 60°F water at 1 psi pressure drop, specific gravity=1)

Valves Size	Disc Angles, Degrees								
	10	20	30	40	50	60	70	80	90
2"	2	5	11	20	34	49	64	83	90
2.5"	4	8	20	34	56	84	126	178	194
3"	6	14	30	51	85	132	202	279	370
4"	13	28	54	98	159	257	391	550	747
5"	21	43	88	158	265	429	636	913	1,272
6"	30	63	126	228	382	632	955	1,370	1,999
8"L	53	111	225	406	680	1,125	1,698	2,591	3,853
8"H	53	111	225	406	680	1,125	1,698	2,591	3,853
10"	83	174	351	635	1,063	1,758	2,655	4,051	6,362
12"	120	251	506	915	1,531	2,533	3,825	5,835	9,165
14"	143	301	606	1,096	1,835	3,035	4,583	6,992	10,982

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