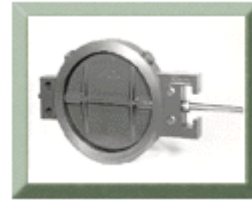


**PDC Medium Duty Series 01
Butterfly Valve
2" thru 24" for
125/150 lb. Flanging**



Cv Values for PDC 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)

Valve Size	Disc Angle, Degree								
	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"	53	111	225	406	680	1,125	1,1698	2,591	3,853
10"	83	174	351	635	1,063	1,759	2,655	4,052	6,361
12"	120	252	506	914	1,531	2,533	3,826	5,835	9,164
14"	143	302	606	1,096	1,835	3,035	4,584	6,992	10,981
16"	191	400	805	1,455	2,436	4,118	6,388	9,835	12,266
18"	244	513	1,032	1,865	3,123	5,279	8,185	12,608	15,725
20"	305	640	1,287	2,326	3,896	6,584	10,209	15,725	19,612
22"	372	781	1,570	2,838	4,753	8,033	12,456	19,186	23,929
24"	445	936	1,882	3,401	5,696	9,626	14,926	22,990	28,674

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