

**PDC Reduced Port Series 15
Butterfly Valve
3" thru 14" 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)

Valves Size	Disc Angles, Degrees								
	10	20	30	40	50	60	70	80	90
3" x 2.5"	4	8	20	34	56	84	126	178	194
4" x 3"	6	14	30	51	85	132	202	279	370
5" x 4"	13	28	54	98	159	257	391	550	747
6" x 5"	21	43	88	158	265	429	636	913	1,272
8" x 6"	30	63	126	228	382	632	955	1,370	1,999
10" x 8"	53	111	225	406	680	1,125	1,698	2,591	3,853
12" x 10"	83	174	351	635	1,063	1,759	2,655	4,052	6,361
14" x 12"	120	252	506	914	1,531	2,533	3,826	5,835	9,164

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