

K_v & C_v Werte K_v & C_v Values

Voller Durchgang <i>Full Bore</i>			Reduzierter Durchgang <i>Reduced Bore</i>			Venturi 4" <i>Venturi 4"</i>			Venturi 6" <i>Venturi 6"</i>		
DN	K _v	C _v	DN	K _v	C _v	DN	K _v	C _v	DN	K _v	C _v
2"	395	460	3/2"	172	200	-	-	-	-	-	-
3"	940	1100	4/3"	480	560	-	-	-	-	-	-
4"	1880	2200	6/4"	650	760	-	-	-	-	-	-
6"	4630	5400	8/6"	1850	2160	-	-	-	-	-	-
8"	8560	10000	10/8"	3600	4200	-	-	-	-	-	-
10"	15000	17500	12/10"	6500	7590	14/10"	4930	5750	-	-	-
12"	21330	24900	14/12"	9250	10800	16/12"	7050	8200	-	-	-
14"	28950	33800	16/12"	12590	14700	18/14"	9700	11300	-	-	-
16"	37700	44000	18/16"	17640	20600	20/16"	13400	15650	-	-	-
18"	47200	55100	20/18"	23400	27300	22/18"	18000	21000	-	-	-
20"	57400	67050	22/20"	30100	35100	24/20"	23100	27000	-	-	-
24"	88200	103000	26/24"	49000	57200	28/24"	35500	41450	30/24"	30230	35300
26"	102800	120000	28/26"	58250	68000	30/26"	43700	51000	32/36"	37330	43590
28"	121600	142000	30/28"	69600	81300	32/28"	52300	61050	34/28"	44880	52400
30"	145600	170000	32/30"	84350	98500	34/30"	62550	73050	36/30"	53800	62800
32"	169800	198200	34/32"	99900	116000	36/32"	75100	87700	38/32"	64700	75540
34"	184150	215000	36/34"	111350	130000	36/34"	84350	98500	40/34"	72700	84900
36"	201600	235400	38/36"	124450	145300	40/36"	94300	110100	42/36"	} auf Anfrage/ on request	
40"	246700	288000	42/40"	154200	180000	44/40"	116800	136400	46/40"		
42"	274100	320000	44/42"	171100	199800	46/42"	129700	151400	48/42"		
44"	294200	343500	46/44"	189800	221600	48/44"	142800	167900	50/44"		
48"	368300	430000	50/48"	237400	277200	52/48"	179800	210000	54/48"		

Der Nenndurchfluss k_{vs} nach VDI/VDE 2173 gibt die Wassermenge in m^3/h an, bei $\Delta p = 1$ bar und 35 c St bei 5 bis 30°C.

C_v value is the full capacity flow rate through the ball valve in m^3/h with a pressure drop of 1 bar.

C_v value is the full capacity flow rate through the ball valve in gallons/min. of water at 60°F with a pressure drop of 1 psi.

FCD ARGEBR1009-01 (Replaces AU-DB KV/CV 5.00 500)

Änderungen vorbehalten / Alterations reserved

Flowserve Flow Control GmbH

Rudolf-Plank-Str. 2

D-76275 Ettlingen, Germany

Telephone: +49 (0) 72 43/103-0

Fax: +49 (0) 72 43/103-222

Email: argus@flowserve.com