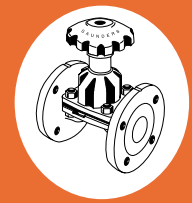


Saunders

Flow Coefficients – Type 'A' Valves
(DN250-DN350)



Industrial
Diaphragm Valves

IDV/011/01/04.99

DN 250						
Body material/ lining	Cast iron		Rubber Lined		Glass/Halar	
	Cv	Kv	Cv	Kv	Cv	Kv
% open						
100	1980	1697	2000	1714	2100	1800
90	1900	1629	1920	1646	2015	1727
80	1821	1561	1840	1577	1932	1656
70	1742	1493	1760	1509	1848	1584
60	1663	1425	1679	1439	1763	1511
50	1386	1188	1400	1200	1470	1260
40	1108	950	1120	960	1176	1008
30	831	712	839	719	881	755
20	554	475	560	480	588	504
10	277	237	280	240	294	252
0	0	0	0	0	0	0

DN 300						
Body material/ lining	Cast iron		Rubber Lined		Glass/Halar	
	Cv	Kv	Cv	Kv	Cv	Kv
% open						
100	2550	2186	2600	2229	2700	2314
90	2448	2098	2496	2139	2592	2222
80	2346	2010	2392	2050	2484	2129
70	2244	1923	2288	1961	2376	2037
60	2142	1836	2184	1872	2268	1944
50	1785	1530	1820	1560	1890	1620
40	1428	1224	1456	1248	1512	1296
30	1071	918	1092	936	1134	972
20	714	612	728	624	756	648
10	357	306	364	312	378	324
0	0	0	0	0	0	0

DN 350						
Body material/ lining	Cast iron		Rubber Lined		Glass/Halar	
	Cv	Kv	Cv	Kv	Cv	Kv
% open						
100	3700	3171	3750	3214	3880	3326
90	3552	3045	3600	3086	3724	3191
80	3404	2917	3450	2957	3569	3059
70	3256	2791	3300	2829	3414	2926
60	3107	2663	3149	2699	3259	2793
50	2590	2220	2625	2250	2716	2327
40	2072	1776	2100	1800	2172	1861
30	1553	1331	1574	1349	1629	1396
20	1036	888	1050	900	1086	931
10	518	444	525	450	543	465
0	0	0	0	0	0	0

Note: Differing Cv & Kv rating can be derived, depending on the method used for testing. The tables above are based on British Standards 1042 and EN 605314/IEC 534.2.3 and show flow in US gallons per minute and cubic metres per hour.

Crane Process Flow Technologies Ltd
Grange Road, Cwmbran, Gwent, U.K. NP44 3XX
Tel: +44 1633 486666
Fax: +44 1633 486777
www.craneflow.com

CRANE

Printed in the UK.

Due to constant product improvements, details shown on this data sheet are subject to change.