



FLOW DATA/CHART

Flow / Resistance Coefficients

IRON CONCENTRIC BUTTERFLY VALVE

Model Number: MV20-111 / MV20-211 / MV20-121 / MV20-221 / MV20-241 / MV20-241U / MV20-125 / MV20-225 / MV20-135 / MV20-235 / MV20-245 / MV20-245U / MV20-111.CW / MV20-211.CW / MV20-121.CW / MV20-221.CW / MV20-241.CW / MV20-241U.CW / MV20-125.CW / MV20-225.CW / MV20-135.CW / MV20-235.CW / MV20-245.CW / MV20-245U.CW

Kv VALUES-VALVE RATED FLOW COEFFICIENTS (m³/h AT 1 Bar ΔP)

(Nom. Size)		Opening Angle								
		10°	20°	30°	40°	50°	60°	70°	80°	90°
50mm	2"	0.05	3	6	13	23	38	60	90	98
65mm	2½"	0.09	5	10	21	38	64	102	152	168
80mm	3"	0.17	8	15	33	60	99	156	235	258
100mm	4"	0.26	15	31	67	119	197	311	467	513
125mm	5"	0.43	25	52	114	203	335	530	795	874
150mm	6"	0.68	38	81	175	313	517	819	1228	1350
200mm	8"	1.71	76	161	349	621	1027	1626	2439	2680
250mm	10"	2.56	129	274	593	1057	1751	2769	4153	4564
300mm	12"	3.42	200	423	916	1633	2703	4278	6416	7051
350mm	14"	5.13	289	611	1324	2360	3904	6179	9268	10185
400mm	16"	6.84	397	840	1821	3245	5369	8497	12746	14007
450mm	18"	9.40	526	1113	2412	4297	7111	11255	16882	18551
500mm	20"	11.97	676	1408	3101	5526	9144	14471	21706	23853
600mm	24"	18.80	1044	2211	4791	8538	14126	22356	33535	36851
700mm	28"	26.50	1456	3081	6678	11932	19690	31162	46743	51369
750mm	30"	31.62	1778	3766	8159	14538	24057	38073	57109	62603
800mm	32"	85.47	2082	4506	9091	15406	25162	40703	60578	66579
900mm	36"	222.22	2607	5752	10889	17282	27778	44872	68034	74786
1000mm	40"	267.52	3132	6914	13626	20768	33381	53926	81761	89875
1050mm	42"	299.15	3500	7726	14622	23205	37299	60256	91359	100427
1200mm	48"	388.89	4585	10120	19145	26154	43761	78889	119658	131624