V165 Series Damper Valves

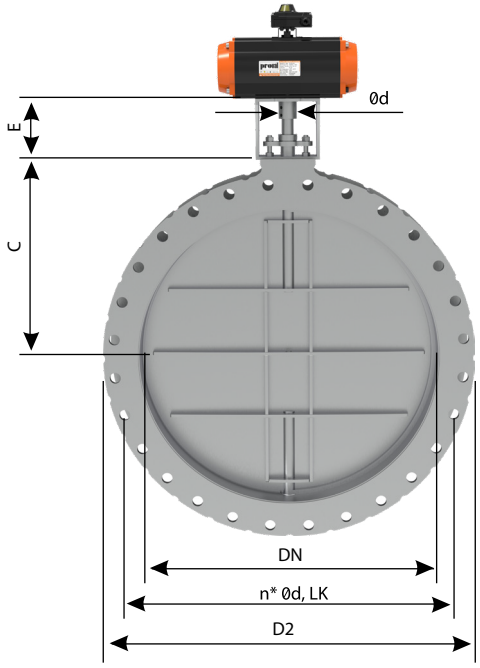
V165 Series damper-type butterfly valves are used for on-off or throttling flow control in industrial facilities in high-temperature flue gases or ventilation lines. V165 series valves with metal-to-metal sealing provides 99,95% tightness in fully closed position.
V165 series valves are flanged type connection controlled with a pneumatic, electric actuators or manual gearbox.





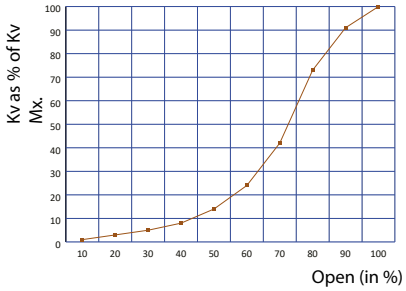
Technical Specificaons

Connection	: Flanged
Nominal Width	: DN15-2000
Pressure Range	: PN-2.5 to PN100
Temperature Range	: -100 to +1100 °C





Kv-characteristic



Details

Standards	DIN	EN 1092-1
	PN	PN-2.5, PN-10, PN-16 bis PN-100
	ANSI	ANSI B 16.5 - 150 lbs / 300 lbs / 400 lbs
Operations	Manual	Grid handle, manual worm gearbox
	Pneumatic	Proval PA050 -PA400
	Electric	Proval A100 FEP Series
Closing Types	Swing Through	99% impermeability
	Stop bar	99.5% -99.8% impermeability
	Stop bar and gasket seal	99.95% -99.98% impermeability
Materials	Cast iron	S235JR, S355JR, C22.8
	Steel	1.4301, 1.4541, 1.4571, 2.4610
	Heat resistant steel	1.4828, 1.4841

Dimensions(mm)

DN	PN-6				PN-10				PN-16			
	B	n* Q d LK	m [kg]	D2	B	n* Q d LK	m [kg]	D2	B	n* Q d LK	m [kg]	D2
25	70	4*11	3,3	100	80	4*14	4,2	115	80	4*14	4,2	115
32	70	4*14	4	120	85	4*18	5,2	140	80	4*18	5,2	140
40	75	4*14	4,3	130	85	4*18	5,6	150	85	4*18	5,6	150
50	75	4*14	4,6	140	90	4*18	6,9	165	90	4*18	6,9	165
65	75	4*14	5,8	160	90	8*18	8,5	185	90	8*18	8,5	185
80	85	4*14	7,7	190	100	8*18	9,9	200	100	8*18	9,9	200
100	90	4*18	8,8	210	105	8*18	11,2	235	105	8*18	11,2	220
125	95	4*18	11,8	240	110	8*18	15,1	270	110	8*18	15,1	250
150	95	8*18	13,1	265	110	8*22	17,8	300	110	8*22	17,8	285
200	110	8*18	19,3	320	125	8*22	25,6	340	125	12*22	25,6	340
250	120	8*18	25,7	375	135	12*22	33,8	395	140	12*26	35,7	405
300	125	12*18	39,4	440	135	12*22	45,5	445	155	12*26	53,6	460
350	125	12*22	45,1	490	135	16*22	61,9	505	165	16*26	77,3	520
400	130	12*22	63,9	540	145	16*26	78,9	565	170	16*30	100	580
450	130	16*22	71,4	595	145	20*26	87,4	615	165	20*30	114	640
500	135	16*22	91,5	645	145	20*26	110	670	170	20*33	155	715
600	140	20*22	135	755	160	20*30	154	780	175	20*36	235	840
700	200	20*26	178	860	200	24*30	221	895	200	24*36	265	910
800	200	24*26	240	975	200	24*33	317	1015	200	24*39	357	1025
900	200	24*30	306	1075	200	28*33	393	1115	200	28*39	461	1124
1000	200	28*30	375	1175	200	28*36	504	1230	200	28,42	650	1255
1200	200	32*33	555	1405	200	32*39	768	1455	200	32*48	1032	1485