

Pneumatically actuated butterfly valves, single / double acting VPP K4-PVC



- ND 65 to ND 200
- In-line pattern
- Pneumatic actuator
 - Single or double acting, Position index
- Status NC or NO
- Standard compatibility:
 - NAMUR VDI/VDE 3845 and ISO 5211

OPTIONS:

- Limit switch box
- Pilot valve

APPLICATIONS

Pneumatically actuated butterfly valves are designed to allow / stop the flow of liquids, even chemically aggressive. The options permit automatic operations.

TECHNICAL FEATURES

Valve materials

Body:	GF PP
Butterfly:	PVC
Seals:	EPDM or FPM
Process connections:	Between flange (<i>Wafer</i>)
Pressure:	10 bar as maxima

Pneumatic actuator	Single (<i>NO or NC</i>) or double acting
Control pressure:	6 bar as a maximum
Connections:	1/4" G

OPTIONS

- Limit switch box
- Pilot valve: 3/2-way solenoid valve (*single effect*)
- Pilot valve: 5/2-way solenoid valve (*double effect*)

CODE NUMBERS AND REFERENCES

d	ND	Single effect / NC		Single effect / NO		Double effect	
		EPDM seals	FPM seals	EPDM seals	FPM seals	EPDM seals	FPM seals
75	65	913 145	913 150	913 155	913 160	913 165	913 170
90	80	913 146	913 151	913 156	913 161	913 166	913 171
110	100	913 147	913 152	913 157	913 162	913 167	913 172
160	150	913 148	913 153	913 158	913 163	913 168	913 173
225	200	913 149	913 154	913 159	913 164	913 169	913 174

BAMO MESURES

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butterfly valves
VPP K4-PVC

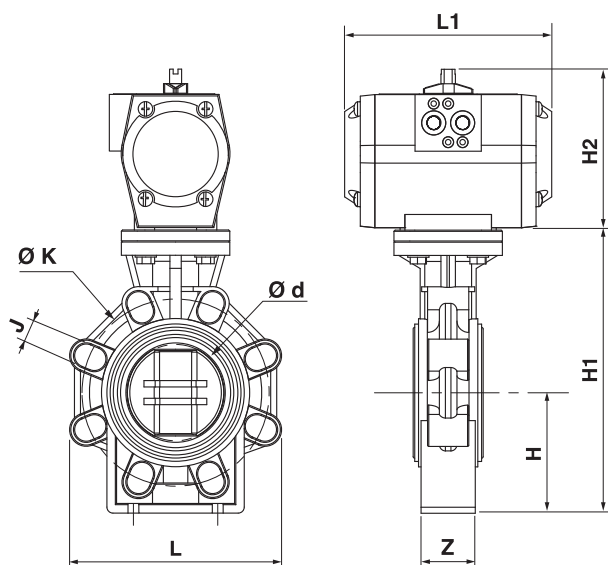
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DIMENSIONS



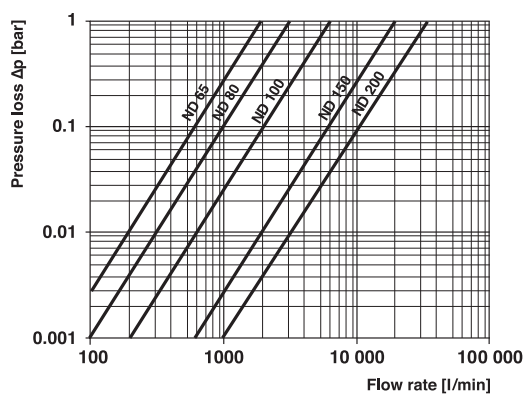
ND	d	H	H1	H2	L	L1	Z	K	J
65	75	100	232	111	133	160	46	127 / 145	19
80	90	100	239	133	176	175	49	146 / 160	19
100	110	115	269	143	206	230	56	175 / 190,5	19
150	160	148	333	162	261	239	70	234.5 / 241.5	23
200	225	175	395	196	314	246	71	290 / 298.5	23

Mounting flange torques

ND	65	80	100	150	200
Nm	15	18	20	40	55

OPERATING FEATURES

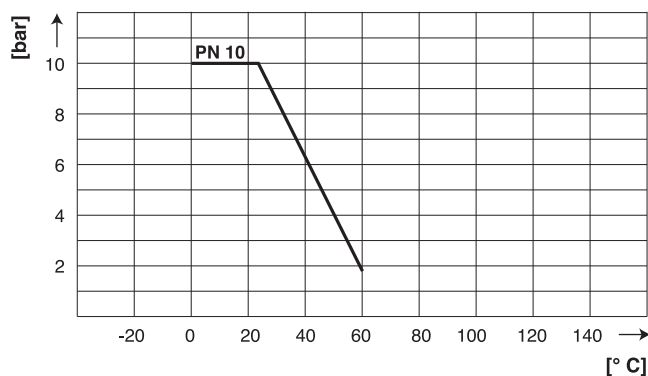
Pressure loss vs. Flow diagram [water at 20°C]



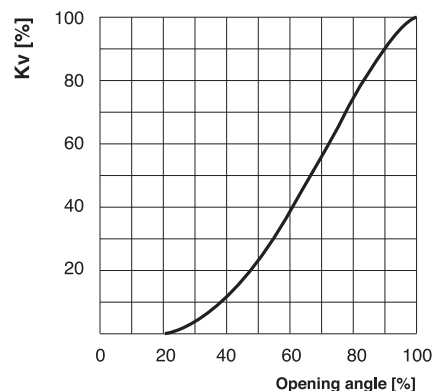
Kv value table

	Pressure loss	
	1 bar	0.001 bar
ND 65	1900 l/min	60 l/min
ND 80	3100 l/min	100 l/min
ND 100	6000 l/min	190 l/min
ND 150	19000 l/min	600 l/min
ND 200	35000 l/min	1100 l/min

Pressure vs. temperature diagram



Flow characteristic



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