

Pneumatically actuated butterfly valves, single / double acting

VPP FE-PVC



- ND 50 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: PVC
 Sealing: EPDM
 Butterfly: PVC
 Process connections: Between flange (*Wafer*)
 Pressure: 10 bar as maxima

Pneumatic actuator Single (*NO or NC*) or double acting
 Control pressure: 6 bar as a minimum, 8 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
63	50	913201	913211	913221
75	65	913202	913212	913222
90	80	913203	913213	913223
110	100	913204	913214	913224
140*	125	913205	913215	913225
160	150	913206	913216	913226
225**	200	913207	913217	913227

*: Can be use for ND 125 / Ø 125

** : Can be use for ND 200 / Ø 200

BAMO MESURES

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butterfly valves
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20-03-2014

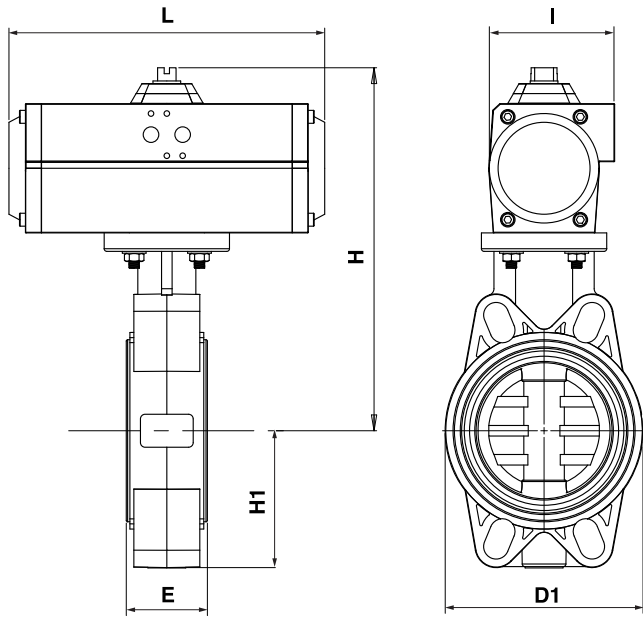
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DIMENSIONS

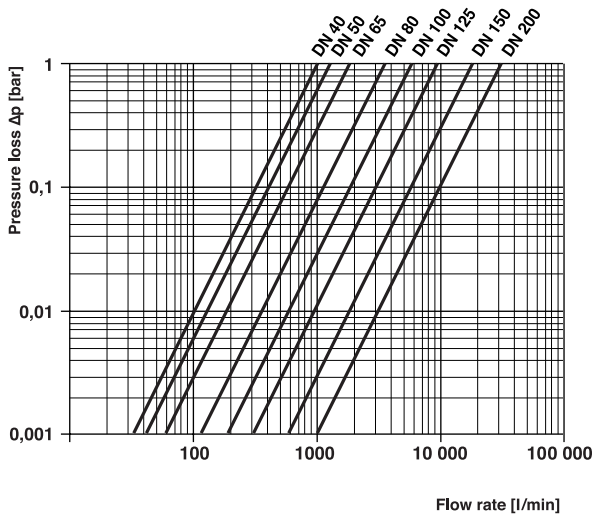


SINGLE EFFECT							
G	ND	D1	E	I	L	H	H1
2"	50	147	43	101	175	236.5	70
2" 1/2	65	165	46	101	175	260	80
3"	80	130	49	138	246	328	90
4"	100	150	56	138	246	362	105
5"	125	185	64	138	290	363	121
6"	150	210	70	151	351	388	132
8"	200	325	71	185	361	475	161

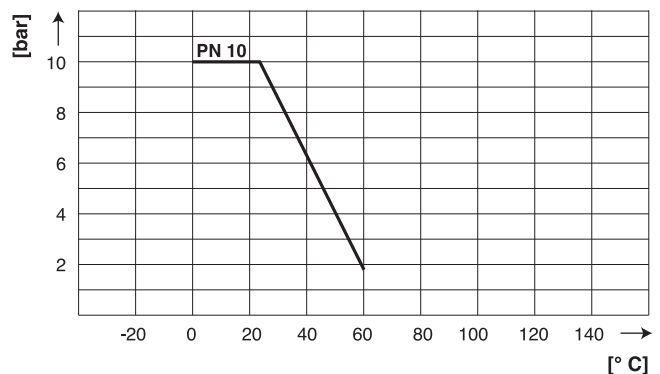
DOUBLE EFFECT							
G	ND	D1	E	I	L	H	H1
2"	50	147	43	86	160	204	70
2" 1/2	65	165	46	86	160	239	80
3"	80	130	49	101	175	261.5	90
4"	100	150	56	101	175	279	105
5"	125	185	64	96	239	310	121
6"	150	210	70	138	290	354	132
8"	200	325	71	138	246	423	161

OPERATING FEATURES

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



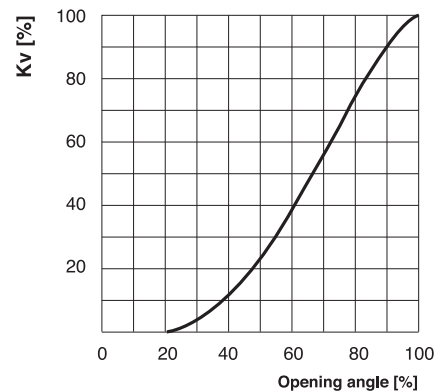
Pressure vs. temperature diagram



Kv
(l/min / 20°C)

d	50	63	75	90	110	140	160	225
ND	40	50	65	80	100	125	150	200
Kv	1000	1285	1700	3550	5900	9850	18700	30500

Flow characteristic



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