

Electrically actuated butterfly valves VEP FE-PVC



- ND 50 to ND 200
- In-line pattern
- Electric actuator, Position index
- Manual operating for immediate action

APPLICATIONS

Electrically actuated butterfly valves are useful to stop the flow of fluids in part of a plant. These models in plastics are designed for aggressive liquids. Assistance with manual operating for maintenance or emergency operations (actuator power supply is switched off before a manual operating).

TECHNICAL FEATURES

Valve materials

Body: PVC
 Sealing: EPDM
 Butterfly: PVC
 Process connections: Between flange (Wafer)
 Pressure: 10 bar as maxima

Actuator

Power: 15W (ND 50...ND 65), 45W (ND 80...ND 200)
 Movement: 90°
 Emergency override: Manual
 Duty rating: 30%

ND 50 ... ND 125

Movement: 10...22 s
 Protection: IP65
 Wiring: 1 cable gland ISO M20
 and 1 DIN 43650 plug; 3 wire + earth
 Main power input: 90...240 V AC 50/60 Hz and 90...350 V DC
 or 24 V AC 50/60 Hz and 24 V DC

ND 150 ... ND 200

Movement: 10...22 s
 Protection: IP67
 Wiring: 2 cable gland ISO M20
 Main power input: 90...240 V AC 50/60 Hz and 90...350 V DC
 or 15...30 V AC 50/60 Hz, -/-/ 12...48 V DC

OPTIONS *Upon request*

CODE NUMBERS AND REFERENCES

d	ND	24 V AC/DC	230 V AC/DC
63	50	914251	914261
75	65	914252	914262
90	80	914253	914263
110	100	914254	914264
140*	125	914255	914265
160	150	914256	914266
225**	200	914257	914267

*: Can be use for ND 125 / Ø 125

** : Can be use for ND 200 / Ø 200

BAMO MESURES

22, Rue de la Voie des Bans - Z.I. de la Gare - 95100 ARGENTEUIL

Tél : (+33) 01 30 25 83 20 - Web : www.bamo.fr

Fax : (+33) 01 34 10 16 05 - E-mail : info@bamo.fr

Electrically actuated
butterfly valves
VEP FE-PVC

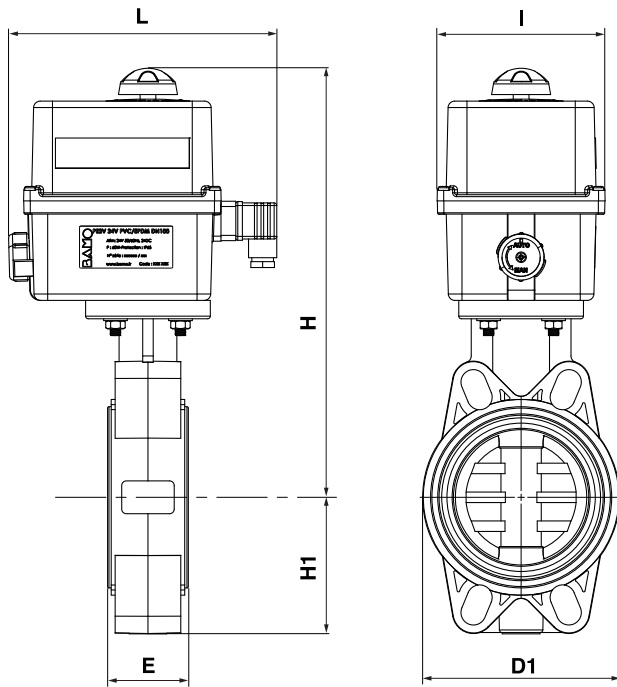
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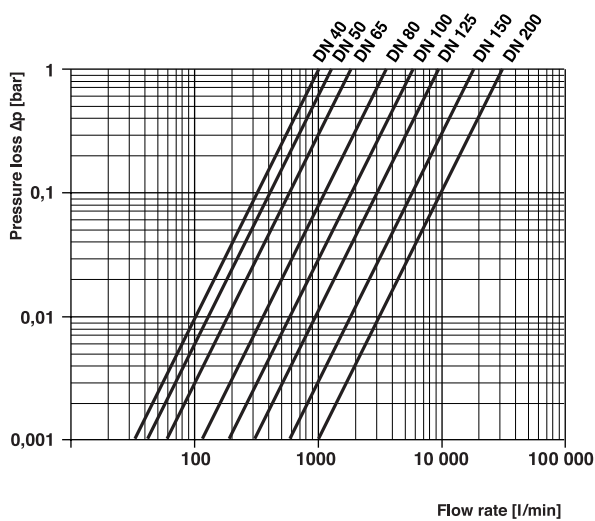
DIMENSIONS



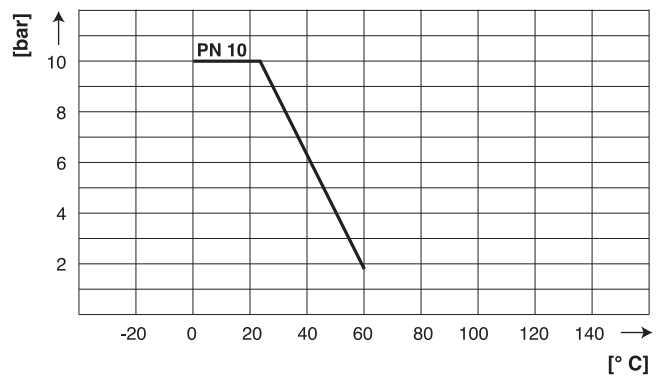
G	ND	D1	E	I	L	H	H1
2"	50	147	43	92	193	255	70
2" 1/2	65	165	46	92	193	280	80
3"	80	130	49	128	208	308	90
4"	100	150	56	128	208	323	105
5"	125	185	64	128	208	343	121
6"	150	210	70	170	275	438	132
8"	200	325	71	170	275	485	161

OPERATING FEATURES

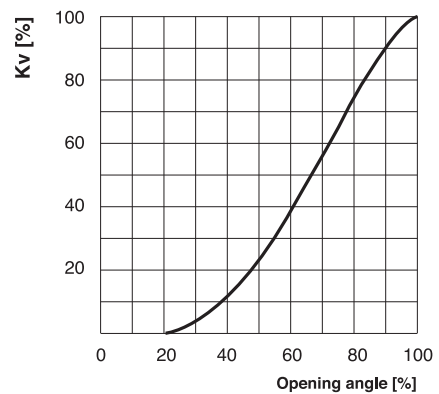
Pressure loss vs. Flow diagram [water at 20°C]



Pressure vs. temperature diagram



Flow characteristic



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

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