

### Automation with electric actuator

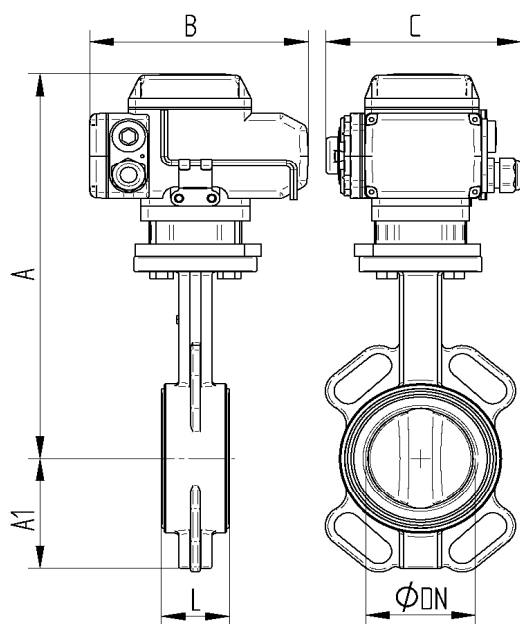
#### Technical data butterfly valve

|                              |                                                 |
|------------------------------|-------------------------------------------------|
| Body:                        | Spheroid ductile iron GGG40 blue RAL5002 coated |
| Disc:                        | Stainless steel 1.4408                          |
| Seat:                        | Resilient seated [see the table]                |
| Shaft:                       | Stainless steel 1.4021                          |
| Shaft sealing:               | PTFE+NBR O-Ring                                 |
| Notchplate: <b>5102</b>      | Nylon 66 [dew point barrier]                    |
| Notchplate: <b>5110-5120</b> | Aluminum black coated                           |
| Overall length:              | Acc.to DIN EN 558-1                             |
| Actuator connection:         | Acc.to DIN ISO 5211                             |
| Flange connection:           | Acc.to UNI EN 1092, PN06 - PN10 - PN16          |
| Medium temperature:          | Seat dependent [see the table]                  |
| Pressure rating:             | Max. 16 bar temperature dependent               |

| Article No. | Seat   | Temperature        |
|-------------|--------|--------------------|
| <b>5102</b> | EPDM-H | -10°C up to +110°C |
| <b>5110</b> | NBR    | -10°C up to +90°C  |
| <b>5120</b> | FKM    | -10°C up to +150°C |

#### Technical data electric actuator

|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| Control voltage:       | 230V AC 50 60 Hz; 24V DC                                               |
| Mode of operation:     | *OPEN* *CLOSE*                                                         |
| Turning angle:         | 0°-90°                                                                 |
| Protection class:      | IP 67                                                                  |
| Operating temperature: | - 25° C up to + 55° C                                                  |
| 2 Limit switches:      | For 90° rotation                                                       |
| 2 Limit switches:      | For the feedback *OPEN* *CLOSE*                                        |
| Screw connection:      | 1 M20 for the voltage supply<br>1 M20 for the position feedback signal |
| Actuator connection:   | Acc.to DIN ISO 5211                                                    |
| Position indicator:    | visual display                                                         |
| Manual override:       | Allen key                                                              |
| Housing cover:         | Aluminium alloy grey coated                                            |



| Article No. <b>230V 50 Hz.</b> | Article No. <b>24V DC</b> | DN  | øDN | A mm | B mm | C mm | A1 mm | L mm | AE(Nm) | S(Sec) |
|--------------------------------|---------------------------|-----|-----|------|------|------|-------|------|--------|--------|
| AE065100/5110/5120-08          | AE075100/5110/5120-08     | 40  | 40  | 270  | 160  | 140  | 70    | 33   | 50     | 25     |
| AE065100/5110/5120-09          | AE075100/5110/5120-09     | 50  | 50  | 278  | 160  | 140  | 61    | 43   | 50     | 25     |
| AE065100/5110/5120-10          | AE075100/5110/5120-10     | 65  | 63  | 290  | 160  | 140  | 72    | 46   | 50     | 25     |
| AE065100/5110/5120-11          | AE075100/5110/5120-11     | 80  | 77  | 298  | 160  | 140  | 87    | 46   | 50     | 25     |
| AE095100/5110/5120-12          | AE105100/5110/5120-12     | 100 | 100 | 344  | 197  | 145  | 106   | 52   | 100    | 30     |
| AE095100/5110/5120-13          | AE105100/5110/5120-13     | 125 | 125 | 359  | 197  | 145  | 123   | 56   | 100    | 30     |
| AE115100/5110/5120-14          | AE125100/5110/5120-14     | 150 | 147 | 410  | 255  | 182  | 137   | 56   | 200    | 30     |
| AE115100/5110/5120-15          | AE125100/5110/5120-15     | 200 | 198 | 453  | 255  | 182  | 174   | 60   | 200    | 30     |
| AE135100/5110/5120-16          | AE145100/5110/5120-16     | 250 | 244 | 486  | 255  | 182  | 209   | 68   | 400    | 30     |
| AE155100/5110/5120-17          | AE165100/5110/5120-17     | 300 | 298 | 530  | 255  | 182  | 253   | 78   | 600    | 45     |

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