

# Butterfly valves

**Model 50553** Butterfly valve with locating holes - cast iron body - stainless steel butterfly - Silicone gasket (58414) and electric actuator IP68 with positioning unit (50846)



## Specifications

### ⇒ Valve

**Dimensions:** DN40 to DN200 (1"1/2 to 8")

**Connection:** with flanges PN6/PN10/  
PN16/150 lbs

**Operating pressure:** 16 bar

**Temperature:** -20°C to +150°C

**Material:** Cast iron GGG50 (GJS 500-7),  
CF8M and food-grade silicone sleeve gasket

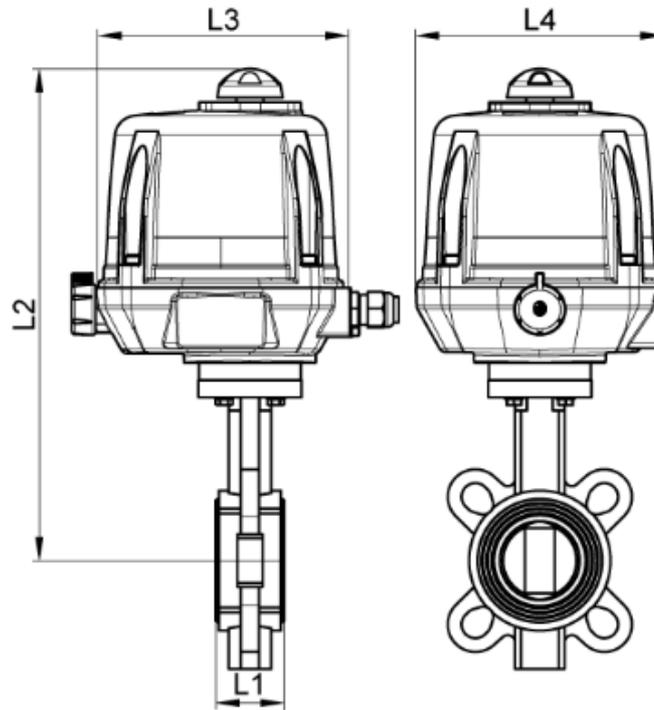
### ⇒ Electric actuator

**Operating temperature:** -20°C to +70°C

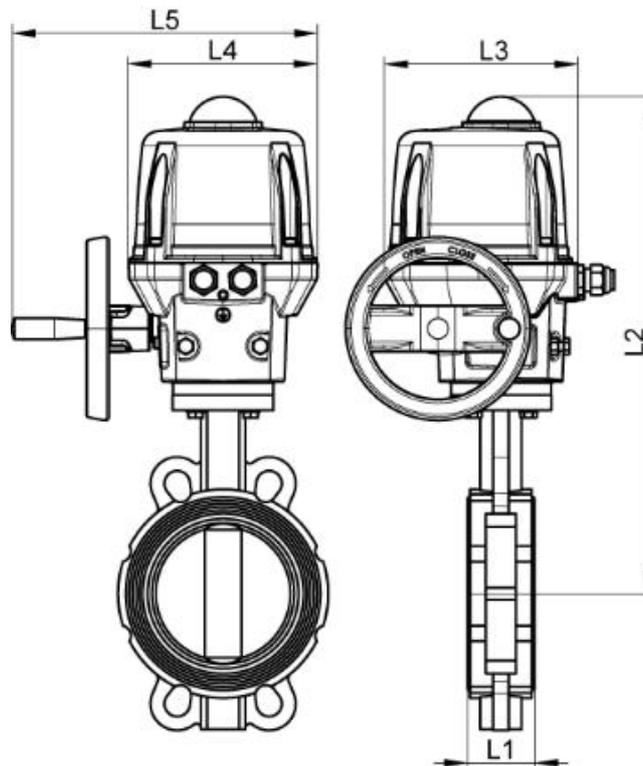
Aluminium housing and plastic cap IP68

Visual position indicator

Regulated anti-condensation heater



**DN40 to DN100**



**DN125 to DN200**

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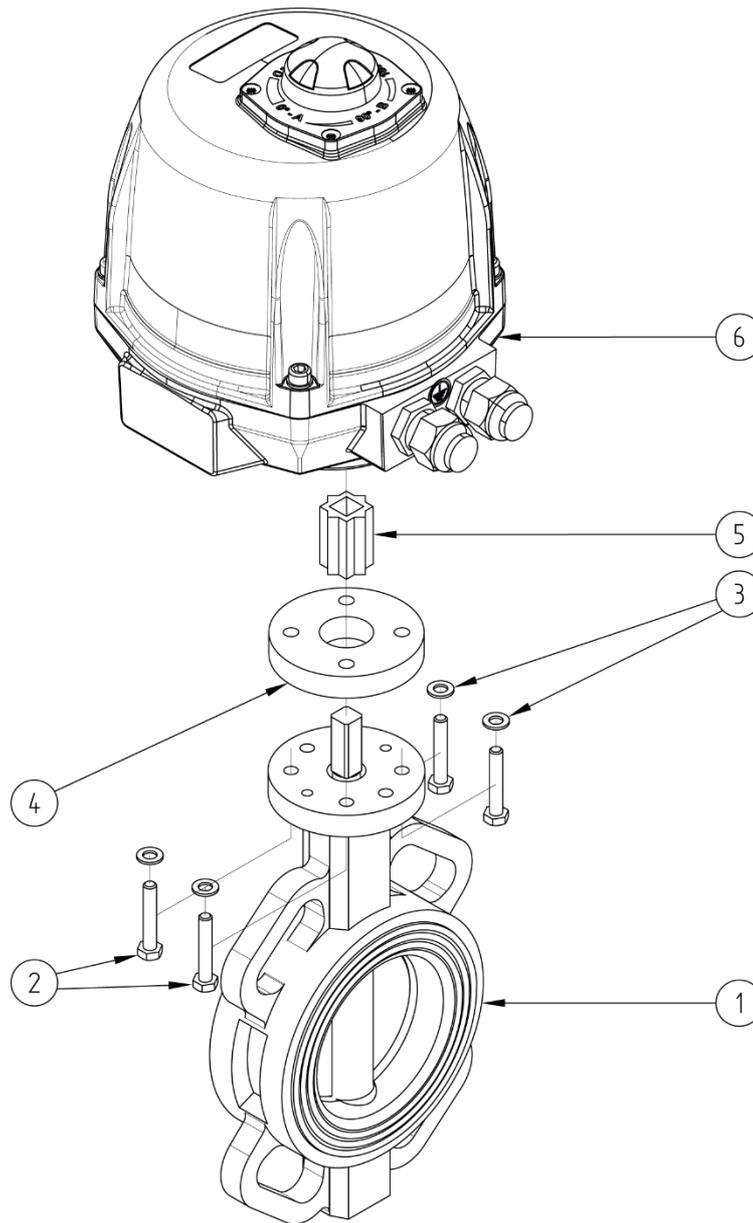
Technical information, illustrations and photographs are provided for information only, they are not contractual. Some may vary according to the tolerances accepted in the profession and the applicable standards. All instructions for use, disassembly and maintenance are recommendations only. These could also vary depending on product usage conditions, its installation environment and purchaser requirements – of which the purchaser alone is responsible for their definition.

**100-230V 50/60Hz and 100-350V DC**

| DN<br>(mm) | NB<br>(inches) | L1<br>(mm) | L2<br>(mm) | L3<br>(mm) | L4<br>(mm) | L5<br>(mm) | Opening/<br>closing time<br>(s) | Weight<br>(kg) | Part number |
|------------|----------------|------------|------------|------------|------------|------------|---------------------------------|----------------|-------------|
| 40         | 1"1/2          | 33         | 358        | 192        | 170        | X          | 15                              | 6.10           | 450553-40A  |
| 50         | 2"             | 42.5       | 340        | 192        | 170        | X          | 15                              | 6.20           | 450553-50A  |
| 65         | 2"1/2          | 45.5       | 346        | 192        | 170        | X          | 15                              | 6.70           | 450553-65A  |
| 80         | 3"             | 46         | 353        | 192        | 170        | X          | 20                              | 7.30           | 450553-80A  |
| 100        | 4"             | 52         | 374        | 192        | 170        | X          | 20                              | 9.00           | 450553-100A |
| 125        | 5"             | 55.5       | 452        | 209        | 170        | 275        | 30                              | 12.50          | 450553-125A |
| 150        | 6"             | 55.5       | 465        | 209        | 170        | 275        | 60                              | 16.50          | 450553-150A |
| 200        | 8"             | 60         | 502        | 209        | 170        | 275        | 60                              | 20.50          | 450553-200A |

**15-30V 50/60Hz and 12-48V DC**

| DN<br>(mm) | NB<br>(inches) | L1<br>(mm) | L2<br>(mm) | L3<br>(mm) | L4<br>(mm) | L5<br>(mm) | Opening/<br>closing time<br>(s) | Weight<br>(kg) | Part number |
|------------|----------------|------------|------------|------------|------------|------------|---------------------------------|----------------|-------------|
| 40         | 1"1/2          | 33         | 358        | 192        | 170        | X          | 15                              | 6.10           | 450553-40B  |
| 50         | 2"             | 42.5       | 340        | 192        | 170        | X          | 15                              | 6.20           | 450553-50B  |
| 65         | 2"1/2          | 45.5       | 346        | 192        | 170        | X          | 15                              | 6.70           | 450553-65B  |
| 80         | 3"             | 46         | 353        | 192        | 170        | X          | 20                              | 7.30           | 450553-80B  |
| 100        | 4"             | 52         | 374        | 192        | 170        | X          | 20                              | 9.00           | 450553-100B |
| 125        | 5"             | 55.5       | 452        | 209        | 170        | 275        | 30                              | 12.50          | 450553-125B |
| 150        | 6"             | 55.5       | 465        | 209        | 170        | 275        | 60                              | 16.50          | 450553-150B |
| 200        | 8"             | 60         | 502        | 209        | 170        | 275        | 60                              | 20.50          | 450553-200B |



| N° | Part Name                 | Material        | Quantity |
|----|---------------------------|-----------------|----------|
| 1  | BUTTERFLY VALVE (58414)   | GGG50 / CF8M    | 1        |
| 2  | FIXING BOLT               | STAINLESS STEEL | 4        |
| 3  | WASHER                    | STAINLESS STEEL | 4        |
| 4  | ADAPTER PLATE             | STAINLESS STEEL | 1        |
| 5  | COUPLING                  | STAINLESS STEEL | 1        |
| 6  | ELECTRIC ACTUATOR (50846) | PLASTIC         | 1        |

You can refer to the following product data sheets for more technical information:

- **58414**: Butterfly valve with locating holes, manual operation
- **50846**: 1/4 turn (90°) electric actuator with positioning unit - IP68