

# Butterfly valves

**Model 50531**

**Butterfly valve with locating holes - cast iron body - stainless steel butterfly - NBR gasket (58412) and electric actuator IP68 (50840)**



## Specifications

### ⇒ Valve

**Dimensions:** DN40 to DN150 (1"1/2 to 6")

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

**Operating pressure:** 16 bar

**Temperature:** -10°C to +80°C

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

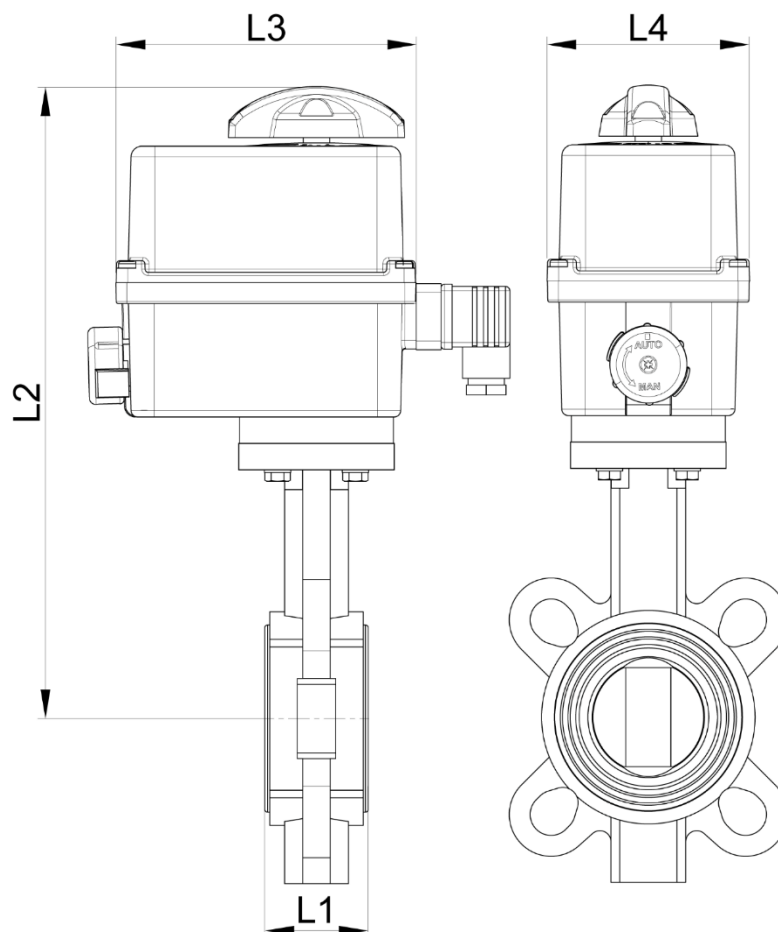
### ⇒ Electric actuator

**Operating temperature:** -10°C to +55°C

Plastic housing IP68

Visual position indicator

Regulated anti-condensation heater



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

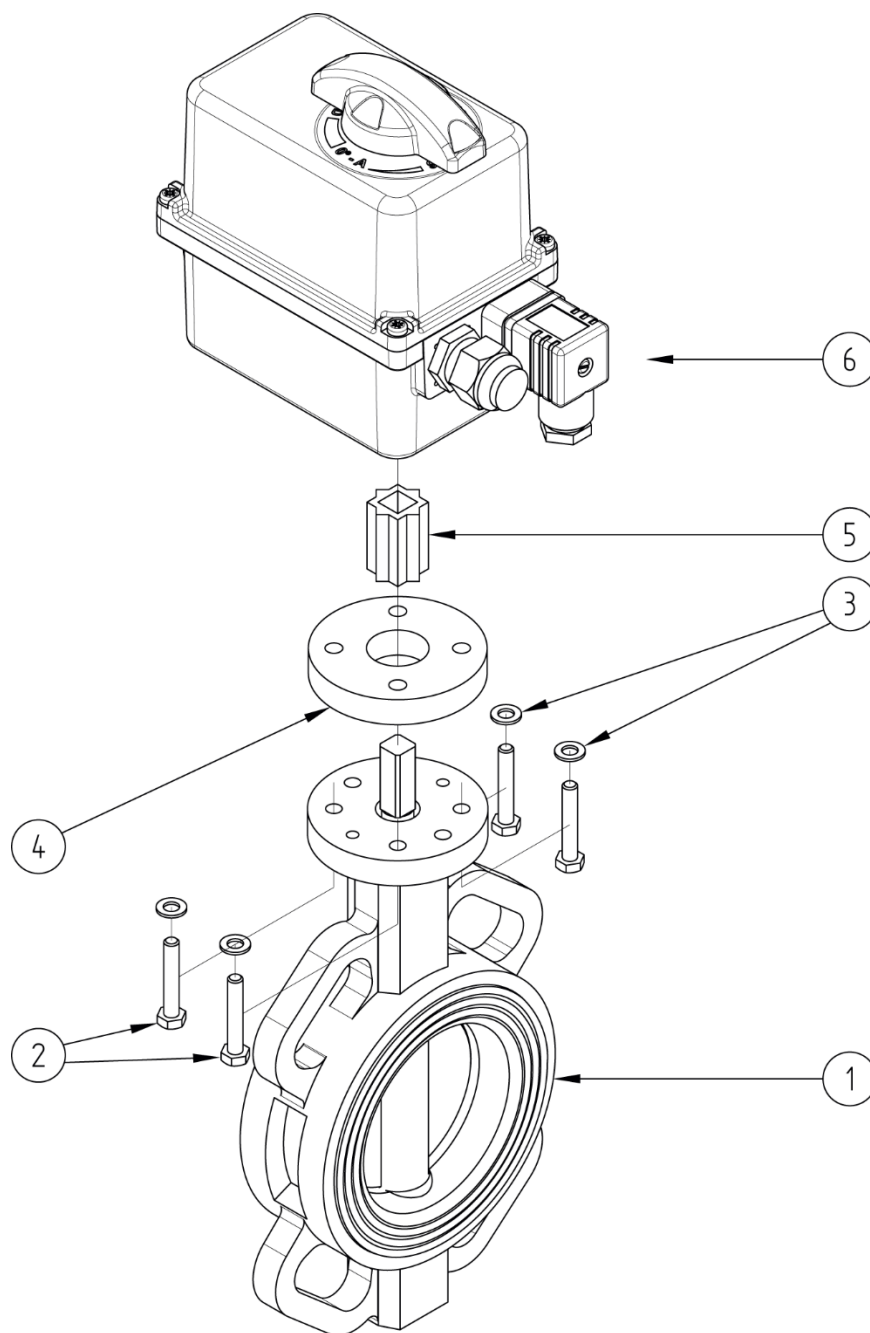
| DN<br>(mm) | NB<br>(inches) | L1<br>(mm) | L2<br>(mm) | L3<br>(mm) | L4<br>(mm) | Opening/<br>closing time<br>(s) | Weight<br>(kg) | Part number |
|------------|----------------|------------|------------|------------|------------|---------------------------------|----------------|-------------|
| 40         | 1"1/2          | 33         | 309        | 136        | 92         | 12                              | 3.60           | 450531-40A  |
| 50         | 2"             | 42.5       | 291        | 136        | 92         | 12                              | 3.70           | 450531-50A  |
| 65         | 2"1/2          | 45.5       | 297        | 136        | 92         | 26                              | 4.20           | 450531-65A1 |
| 65         | 2"1/2          | 45.5       | 321        | 151        | 128        | 7                               | 5.30           | 450531-65A2 |
| 80         | 3"             | 46         | 304        | 136        | 92         | 26                              | 4.80           | 450531-80A1 |
| 80         | 3"             | 46         | 328        | 151        | 128        | 7                               | 5.90           | 450531-80A2 |
| 100        | 4"             | 52         | 349        | 151        | 128        | 12                              | 7.60           | 450531-100A |
| 125        | 5"             | 55.5       | 370        | 151        | 128        | 23                              | 9.10           | 450531-125A |

### 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) | Opening/<br>closing time<br>(s) | Weight<br>(kg) | Part number |
|------------|----------------|------------|------------|------------|------------|---------------------------------|----------------|-------------|
| 40         | 1"1/2          | 33         | 309        | 136        | 92         | 12                              | 3.60           | 450531-40B  |
| 50         | 2"             | 42.5       | 291        | 136        | 92         | 12                              | 3.70           | 450531-50B  |
| 65         | 2"1/2          | 45.5       | 297        | 136        | 92         | 24                              | 4.20           | 450531-65B1 |
| 65         | 2"1/2          | 45.5       | 321        | 151        | 128        | 7                               | 5.30           | 450531-65B2 |
| 80         | 3"             | 46         | 304        | 136        | 92         | 24                              | 4.80           | 450531-80B1 |
| 80         | 3"             | 46         | 328        | 151        | 128        | 7                               | 5.90           | 450531-80B2 |
| 100        | 4"             | 52         | 349        | 151        | 128        | 12                              | 7.60           | 450531-100B |
| 125        | 5"             | 55.5       | 370        | 151        | 128        | 22                              | 9.10           | 450531-125B |

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| N° | Part Name                 | Material        | Quantity |
|----|---------------------------|-----------------|----------|
| 1  | BUTTERFLY VALVE (58412)   | 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 (50840) | PLASTIC         | 1        |

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

- **58412:** Butterfly valve with locating holes, manual operation
- **50840:** 1/4 turn (90°) electric actuator - IP68

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