# Ball valves

Model **50078**   3-part ball valve for butt welding (BW) (58192) with electric actuator IP65 (50835)



## Specifications

⇨   **Valve**
**Dimensions:** DN8 to DN80 (1/4" to 3")
**Connection:** to be welded (butt welding)
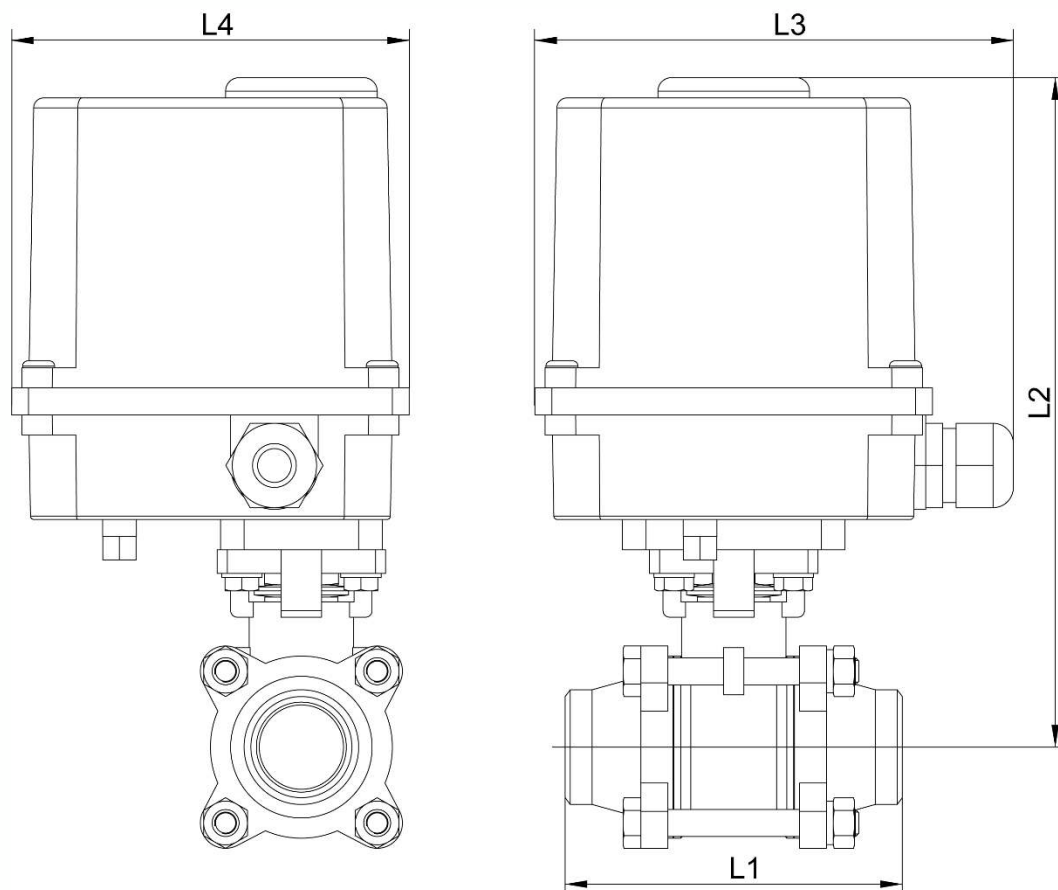**Pressure:** PN63 (1000 lbs)
**Operating temperature:** -29°C to +175°C
**Material:** 316 or CF8M stainless steel
(for the stainless steel parts that can come into contact with the transported fluid)

⇨   **Electric actuator**
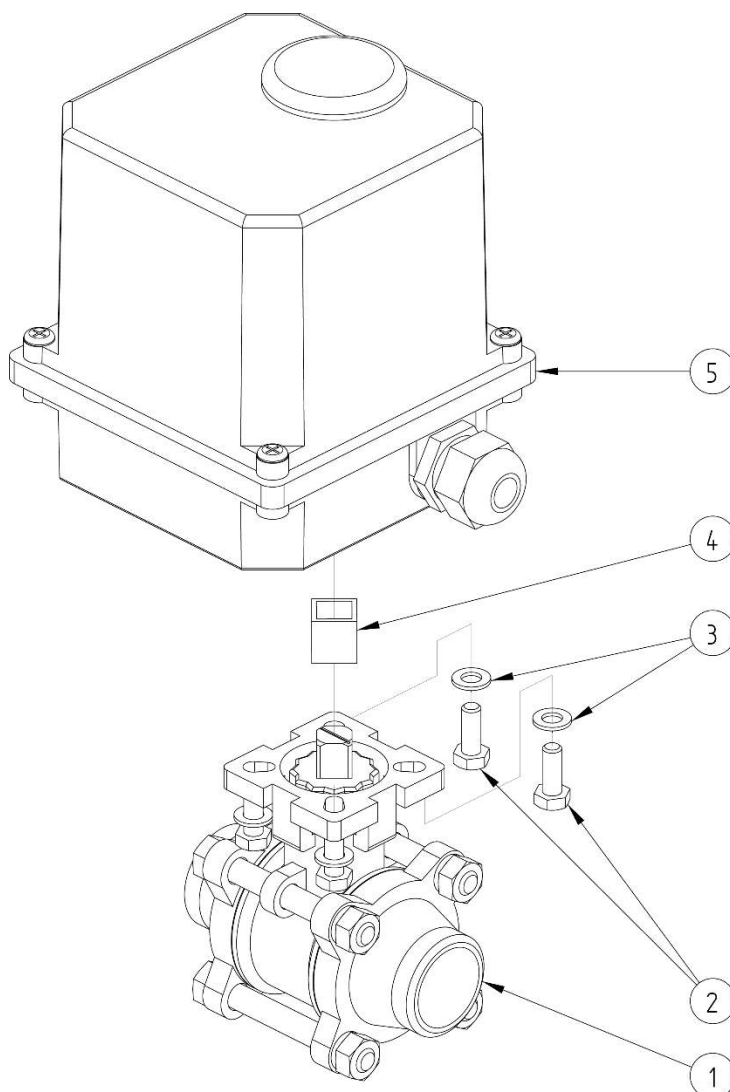**Operating temperature:** -10°C to +50°C
**Material:** Plastic

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L4  L3

L2

L1

| DN (mm) | NB (inches) | L1 (mm) | L2 (mm) | L3 (mm) | L4 (mm) | Opening/closing time (s) | Weight (kg) | Part No. 230V 50Hz |
|---|---|---|---|---|---|---|---|---|
| 8 | 1/4" | 70 | 185 | 143 | 118 | 10 | 2.12 | 450078-8A |
| 10 | 3/8" | 70 | 185 | 143 | 118 | 10 | 2.12 | 450078-10A |
| 15 | 1/2" | 75 | 185 | 143 | 118 | 10 | 2.18 | 450078-15A |
| 20 | 3/4" | 90 | 192 | 143 | 118 | 10 | 2.42 | 450078-20A |
| 25 | 1" | 100 | 202 | 143 | 118 | 10 | 2.87 | 450078-25A |
| 32 | 1"1/4 | 110 | 206 | 143 | 118 | 10 | 3.50 | 450078-32A |
| 40 | 1"1/2 | 125 | 215 | 143 | 118 | 10 | 4.35 | 450078-40A |
| 50 | 2" | 150 | 245 | 204 | 165 | 8 | 8.60 | 450078-50A |
| 65 | 2"1/2 | 190 | 267 | 204 | 165 | 8 | 12.70 | 450078-65A |
| 80 | 3" | 220 | 276 | 204 | 165 | 8 | 16.00 | 450078-80A |

| DN (mm) | NB (inches) | Opening/closing time (s) | Part No. 24V 50Hz | Opening/closing time (s) | Part No. 24V DC |
|---|---|---|---|---|---|
| 8 | 1/4" | 15 | 450078-8B | 16 | 450078-8C |
| 10 | 3/8" | 15 | 450078-10B | 16 | 450078-10C |
| 15 | 1/2" | 15 | 450078-15B | 16 | 450078-15C |
| 20 | 3/4" | 15 | 450078-20B | 16 | 450078-20C |
| 25 | 1" | 15 | 450078-25B | 16 | 450078-25C |
| 32 | 1"1/4 | 15 | 450078-32B | 16 | 450078-32C |
| 40 | 1"1/2 | 15 | 450078-40B | 16 | 450078-40C |

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| N° | Part Name | Material | Quantity |
|----|-----------|----------|----------|
| 1 | 3-PART VALVE (**58192**) | CF8M | 1 |
| 2 | FIXING BOLT | STAINLESS STEEL | 4 |
| 3 | WASHER | STAINLESS STEEL | 4 |
| 4 | COUPLING | STAINLESS STEEL | 0 or 1 |
| 5 | ELECTRIC ACTUATOR (**50835**) | PLASTIC | 1 |

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

**58192** : 3-part valve to be welded (butt welding)
**50835** : Electric actuator

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