

# Gears and actuators

## Electric actuators

### Solution

- Auma or equal
- for automatic operation (opening/closing) of valves

### Characteristics (AUMA SA)

- Torque range from 10 Nm to 56,000 Nm
- Output speeds from 4 to 180 rpm
- Limit and torque sensing
- Available with 3-ph AC, 1-ph AC and DC motors
- Handwheel for manual operation
- High enclosure protection
- High quality corrosion protection
- Wide ambient temperature ranges

### Options

- Intermediate position switches
- Switches in tandem version
- Remote position transmitter
- Magnetic limit and torque transmitter
- Mechanical position indicator

### Interfaces

- Electrical connection via AUMA plug/socket connector (optionally terminals)
- Cable entries in different versions
- Output drive types according to ISO and DIN standards

### Available

- in a complete size range compatible with Vexve valves



### Ball valves Reduced Bore

Valve Size (DN)	Auma
200	SG12.1
250	SA07.6-VZ4.3/GS100.3
300	SA10.2-VZ4.3/GS125.3
350	SA10.2-VZ4.3/GS125.3
400	SA10.2-VZ4.3/GS125.3
500	SA10.2-GZ160.3/GS160.3
600	SA10.2-GZ160.3/GS160.3
700	SA10.2-GZ200.3/GS200.3
800	SA10.2-GZ250.3/GS250.3

### Ball valves Full Bore

Valve Size (DN)	Auma
200	SA07.6-VZ4.3/GS100.3
250	SA10.2-VZ4.3/GS125.3
300	SA10.2-VZ4.3/GS125.3
350	SA10.2-VZ4.3/GS125.3
400	SA10.2-GZ160.3/GS160.3
500	SA10.2-GZ160.3/GS160.3
600	SA10.2-GZ200.3/GS200.3
700	SA10.2-GZ250.3/GS250.3
800	SA14.2-GZ250.3/GS250.3

### Butterfly valves

Valve Size (DN)	Auma
300	SA07.6-VZ4.3/GS100.3
350	SA07.6-VZ4.3/GS100.3
400	SA07.6-VZ4.3/GS100.3
450	SA10.2-VZ4.3/GS125.3
500	SA10.2-VZ4.3/GS125.3
600	SA07.6-GZ160.3/GS160.3
700	SA10.2-GZ160.3/GS160.3
750	SA10.2-GZ200.3/GS200.3
800	SA10.2-GZ200.3/GS200.3
900	SA10.2-GZ200.3/GS200.3
1000	SA10.2-GZ250.3/GS250.3
1200	SA14.2-GZ250.3/GS250.3
1400	SA14.2-GZ250.3/GS250.3

