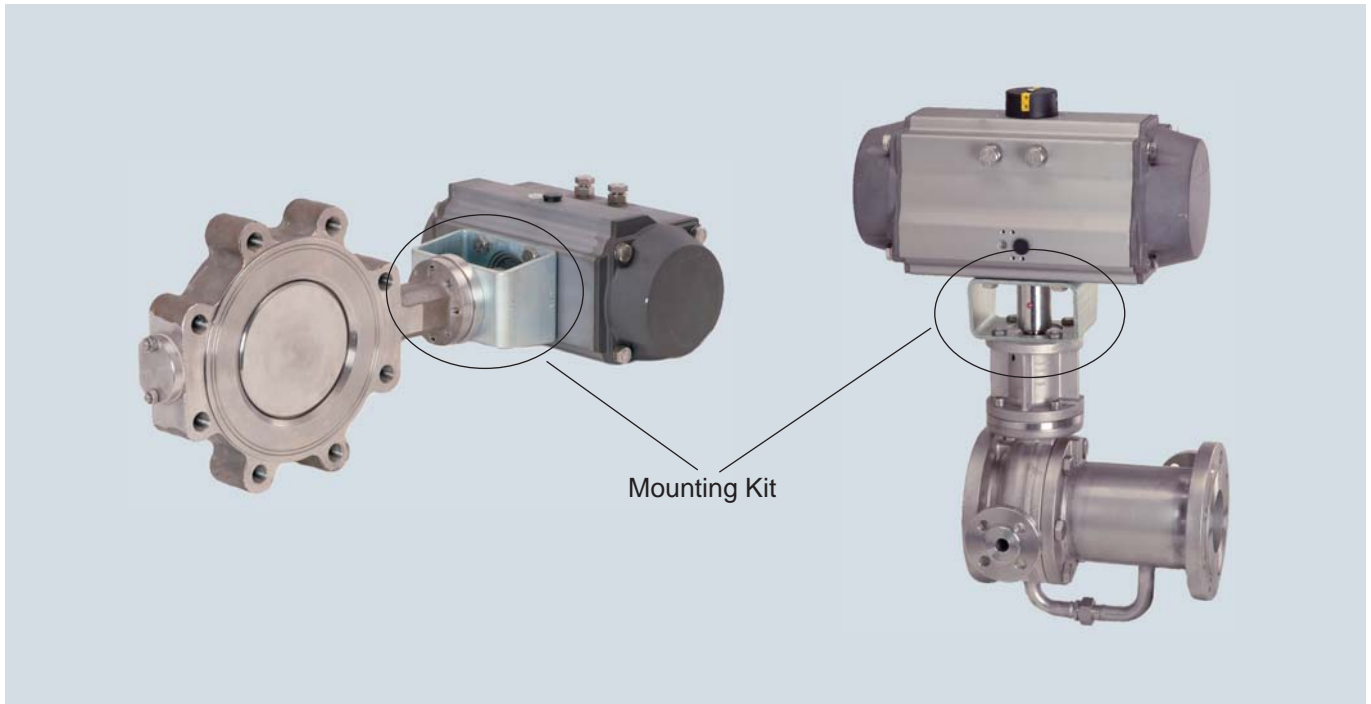


DB 31a-17
Type BR 31a · Quarter-turn Actuator
Mounting Kits according to DIN EN 15081



General:

The mounting kit is used to connect the valve and part-turn actuator using an interface according to DIN 5211.

It is subject to DIN EN 15081 and ensures that the actuator's maximum torque can be transferred to the valve's top flange.

Depending on the mounting position, the actuator can create a bending moment at the bracket. In such cases, the maximum transferable torque must be verified individually.

Each mounting kit contains at least:

- Bracket
- Coupling
- Set of screws to attach the actuator
- Set of screws to attach the valve

Bracket:

The bracket (also referred to as a bridge) is made of zinc-coated steel (1.0038) or stainless steel (1.4301).

The brackets are available in sizes F04 to F30 according to DIN EN 15081. Special sizes are available on request.

Coupling:

The couplings (also referred to as adapters) are always made of stainless steel (mostly 1.4305, but also in other stainless steel materials in some cases).

Red markings on the coupling indicate the position of the valve.

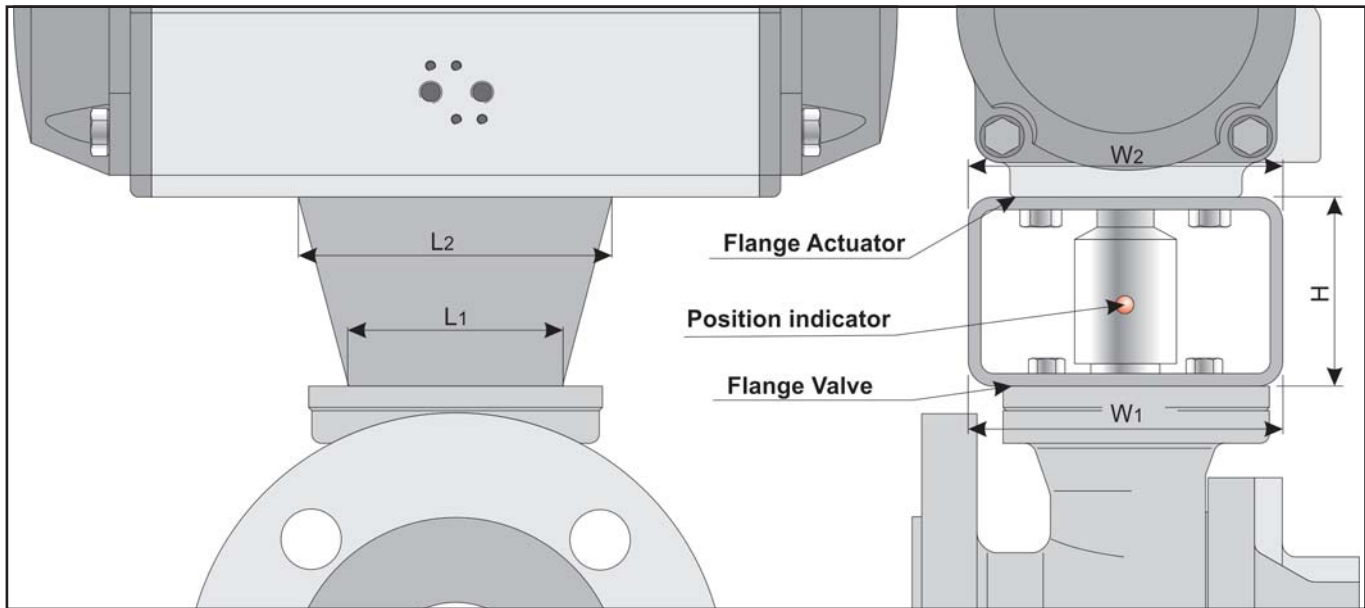
Screws:

The screws are always made of stainless steel (A2-70).

Options:

- Special material
- Special connection dimensions
- Special length
- End position feedback through sensors on the bracket
- Mechanical blocking of the valve in the OPEN or CLOSED position
- Mechanical limitation of the rotational angle
- Support for insulation material
- Adapter with defined breaking point

Technical Data of the Mounting Kits



Flange		L1	L2	W1	W2	H
Valve	Actuator					
F04	F04 - VK11	45	45	80	80	50
F05	F05 - VK14	50	50	100	100	60
F05	F04 - VK11	50	45	100	80	60
F07	F07 - VK17	70	70	100	100	60
F07	F05 - VK14	70	50	100	100	60
F07	F04 - VK11	70	45	100	80	60
F10	F10 - VK22	95	95	120	120	80
F10	F07 - VK17	95	70	120	100	80
F10	F05 - VK14	95	50	120	100	80
F12	F12 - VK27	115	115	160	160	80
F12	F10 - VK22	115	95	160	120	80
F12	F07 - VK17	115	70	160	100	80
F12	F05 - VK14	115	50	160	100	80
F14	F14 - VK36	135	135	160	160	80
F14	F12 - VK27	135	115	160	160	80
F14	F10 - VK22	135	95	160	120	80
F14	F07 - VK17	135	70	160	100	80
F16	F16 - VK46	160	160	200	200	100
F16	F14 - VK36	160	135	200	160	100
F16	F12 - VK27	160	115	200	160	100
F16	F10 - VK22	160	95	200	120	100
F25	F25 - VK55	270	270	400	400	200
F25	F16 - VK46	270	160	400	200	200
F25	F14 - VK36	270	135	400	160	200
F25	F12 - VK27	270	115	400	160	200
F30	F30 - VK75	320	320	400	400	200
F30	F25 - VK55	320	270	400	400	200
F30	F16 - VK46	320	160	400	200	200
F30	F14 - VK36	320	135	400	160	200