



VAT Vakuumventile AG  
CH-9469 Haag, Schweiz

## Product data sheet

### Butterfly valve

**Series 210, DN 250 (10")**

**Ordering No. 21048-QE44-0002**

## Butterfly Valve

**Pneumatic actuator, double acting,  
with position indicator,  
with solenoid valve 24 VDC**

### Advantages

- Four sizes available:  
DN 63, 100, 160 with ISO-F flanges  
DN 250 with ISO-K flanges
- All vacuum parts made of stainless steel
- Robust and compact design with low installation height
- High conductance
- With or without lateral vacuum connections for gauges and valves
- Extremely long cycle life
- Direct pneumatic actuation or via solenoid valve
- Solenoid valve available as accessories
- Electrical and visual position indicator available as accessories



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## Ordering Information

### Selection Data

Vacuum connection		DN 250 ISO-K
Body, shaft, valve plate	AISI / DIN	304 / 1.4301
Lateral vacuum connections		2 x DN 10 ISO-KF 1 x DN 25 ISO-KF 1 x DN 40 ISO-KF

### Specifications

Cycle life	cycles	1.0 Mio <sup>1)</sup>
Conductance for molecular flow	l/s	8200
Leak rate	mbar l/s	1×10 <sup>-9</sup>
Pressure range	mbar / bar min / max	1×10 <sup>-8</sup> / 1.3 (abs)
Diff. pressure at opening	bar	1.3 <sup>2)</sup>
Diff pressure in the plate in either direction	bar	1.3
Bakeout temp body	°C	150
Seals		FKM
Weight	kg	15.7

### Spare Parts

Seal kit		580280
Actuator		580617
Position indicator		587850
Solenoid valve 24 V DC		586582

### Accessories

Vacuum connection		DN 250 ISO-K
Set of connection elements		12 x 32036-QNKS-0001

<sup>1)</sup> Cycle life tested at room temperature and under clean and static conditions. Expandable parts are excluded

<sup>2)</sup> Opening above atmospheric pressure reduces specified cycle life

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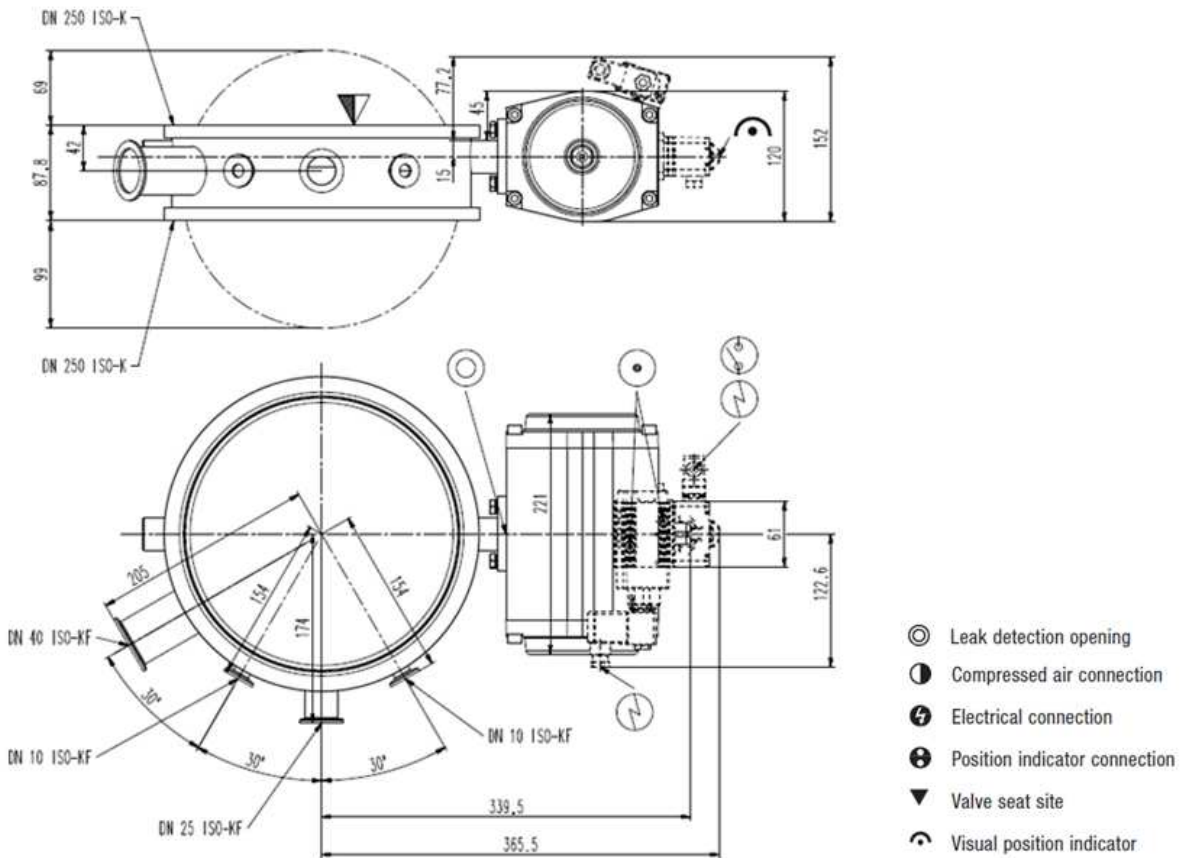
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## Dimensions



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