Butterfly Valve

Pneumatic actuator, double acting,

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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Product data sheet

Butterfly valve
Series 210, DN 63 (2 1/2")
Ordering No. 21036-PE14-0003

Ordering Information

Selection Data

Vacuum connection		DN 63 ISO-F
Body, shaft, valve plate	AISI / DIN	304 / 1.4301
Lateral vacuum connections		1 x DN 10 ISO-KF 1 x DN 16 ISO-KF

Specifications

Cycle life	cycles	1.0 Mio [1]
Conductance for molecular flow l/s		350
Leak rate	mbar l/s	1×10^{-9}
Pressure range	mbar / bar min / max	1×10^{-8} / 4 (abs)
Diff. pressure at opening	bar	1.3 [2]
Diff pressure in the plate in either direction	bar	4
Bakeout temp body	°C	150
Seals		FKM
Weight	kg	3.8

Spare Parts

Seal kit	579965
Actuator	587851

Accessories

Vacuum connection	DN 63 ISO-F
Set of connection elements	580672

[1] Cycle life tested at room temperature and under clean and static conditions. Expandable parts are excluded
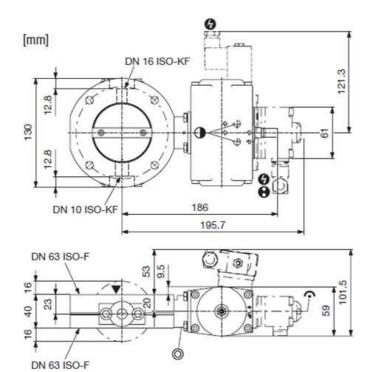[2] Opening above atmospheric pressure reduces specified cycle life

Dimensions

[mm]

DN 16 ISO-KF
DN 10 ISO-KF
DN 63 ISO-F
DN 63 ISO-F

◎ Leak detection opening
◑ Compressed air connection
⚡ Electrical connection
⊖ Position indicator connection
▼ Valve seat site
↻ Visual position indicator