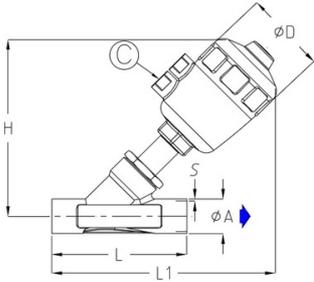


## BURKERT Globe valve free-flow Type 31095LE series 2000 stainless steel entry below the valve pneumatic welding end



### Characteristics

- Function:** Two-way valve
- Construction type:** Free-flow
- Housing material:** Stainless steel
- Material quality:** 1.4404
- Process connection:** Butt weld
- Standard connection:** ISO 4200 - ISO 1127 - DIN 11866B
- Face to Face norm:** Manufacturer standard
- Type of disc:** Fixed disc
- Actuation:** Pressure below the valve
- Type of actuator:** Pneumatic piston
- Function actuator:** Spring closing
- Position indicator:** Yes
- Stem seal type:** Roof cuffs
- Primary spindle seal material:** PTFE
- Material disk sealing:** PTFE
- Material disc:** 1.4401
- Spindle material:** Stainless steel
- Material bonnet:** 1.4401
- Bonnet gasket material:** Graphite
- Level of protection (IP value):** IP67
- Approvals:** ATEX IECEx
- Max. viscosity:** 600 mm<sup>2</sup>/s
- Ambient temperature:** -10 / 60 °C

### Application

- Neutral and slightly aggressive liquids.
- Neutral and slightly aggressive gases.
- Steam.

### Technical Information

- Water hammer damping for applications of non-compressible media.
- High flow capacity
- Spring closure.
- Sealing in two directions.
- Process pressure below the valve.
- Low control air consumption.
- Easy fitting.
- Maintenance free.
- Long service life ± 3 million switching operations.
- Butt weld ends in accordance with ISO 1127/ISO 4200.

### Options

- 3-way control valve for direct mounting, type 33060 and type 33061, or via a control valve cluster.
- Mechanical valve position indicator with or without built-in control valve.
- Manual emergency operation.
- Stroke limiter for opening and/or closing.
- Piston operation with NAMUR connection for control valves.
- Piston operation of PPS ø 53–101 mm: Ambient temperature 5–140°C.
- Piston operation of PPS ø 127-153mm: Ambient temperature 5-90°C.
- Briefly to 140°C and pilot pressure max. 7bar.
- Process connection in NPT.
- Short valve body with a built-in length similar to that of the old 0251/2002 series.
- Double-acting piston operation without return spring.

Size process connection	Pressure rating	Kv value m <sup>3</sup> /h	Closing pressure bar	Type coding actuator	Pilot pressure	Actuator material	Ex-class	ATEX Zone	Medium temperature °C	Article
DN25	PN25	20	25	F80	5 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIC T135 ° C Db	Zone 1 / 21	-10 / 185	12708389
DN32	PN25	28	14	F80	5 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIC T135 ° C Db	Zone 1 / 21	-10 / 185	12698193
DN40	PN25	38	9	F80	5 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIC T135 ° C Db	Zone 1 / 21	-10 / 185	12529135

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Size process connection	Pressure rating	Kv value m <sup>3</sup> /h	Closing pressure bar	Type coding actuator	Pilot pressure	Actuator material	Ex-class	ATEX Zone	Medium temperature °C	Article
DN40	PN25	42	12.5	G100	4.4 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 ° C Db	Zone 1 / 21	-10 / 185	12579783

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