



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 mm²/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 ³ /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 IIIC 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 IIIC 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 IIIC T135 °C Db	Zone 1 / 21	-10 / 185	12529135

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Size process connection	Pressure rating	Kv value m³/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

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.