



BURKERT Globe valve free-flow Type 31115 series 2000 stainless steel entry above the valve pneumatic internal thread

Characteristics

Function: Two-way valve
Construction type: Free-flow
Housing material: Stainless steel
Material quality: 1.4404
Process connection: Internal thread (BSPP)
Standard connection: DIN ISO 228-1
Face to Face norm: Manufacturer standard
Type of disc: Fixed disc
Actuation: Pressure above 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

Medium temperature: -10 / 185 °C

Application

- Neutral and slightly aggressive gases.
- Steam.

Technical Information

- High flow capacity.
- Spring closure.
- Sealing in 2 directions.
- Process pressure above the valve.

Size process connection	Pressure rating	Kv value m ³ /h	Closing pressure bar	Type coding actuator	Pilot pressure	Actuator material	Ex-class	ATEX Zone	Ambient temperature °C	Article
1.1/2" [40]	PN25	35	16	E63	[Variable] - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 55	12664090
2" [50]	PN25	49	16	E63	[Variable] - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 55	11815048
2.1/2" [65]	PN25	77	14	F80	[Variable] - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 60	11815051

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