



BURKERT Globe valve Type 31118 series 2012 stainless steel entry above the valve pneumatic flange EN (DIN) PN25

Characteristics

Function: Two-way valve
Norm: EN (DIN)
Construction type: Straight
Housing material: Stainless steel
Material quality: 1.4404
Process connection: Flange
Standard connection: EN 1092
Face to Face norm: EN 558, Series 1
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/FPM
Material disc: 1.4401
Spindle material: 1.4401

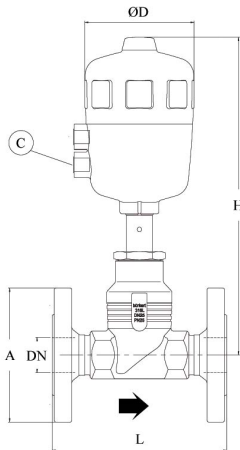
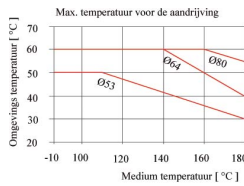
Material bonnet: 1.4401
Bonnet gasket material: PTFE
Approvals: ATEX IECEx
Max. viscosity: 600 mm²/s
Medium temperature: -10 / 185 °C

Application

- Neutral gases.
- Steam.

Technical Information

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



Size table:

Actuator	A mm	c	ØD mm	H mm	L mm
E63	140	1/4" BSP	80	272	180
F80	150	1/4" BSP	101	299	200
F80	165	1/4" BSP	101	309	230
H125	185	1/4" BSP	157	429	290
H125	200	1/4" BSP	157	438	310
H125	235	1/4" BSP	157	449	350

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
DN32	PN25	19.5	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	11815052

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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
DN40	PN25	31	16	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	11815053
DN50	PN25	45	16	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	11815054
DN65	PN25	73	10	H125	[Variable] - 7 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 ° C Db	Zone 1 / 21	-10 / 60	11815057
DN80	PN25	110	10	H125	[Variable] - 7 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 ° C Db	Zone 1 / 21	-10 / 60	11815055
DN100	PN25	165	6	H125	[Variable] - 7 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 ° C Db	Zone 1 / 21	-10 / 60	11815056

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