



BURKERT Globe valve free-flow Type 31098 serie 2112 stainless steel entry below 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 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/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

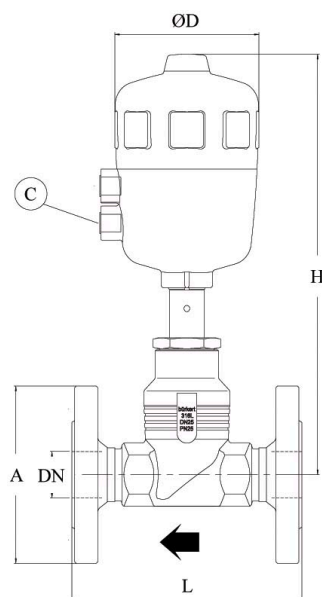
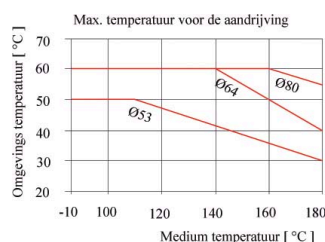
Medium temperature: -10 / 185 °C

Application

- Neutral and slightly aggressive liquids.

Technical Information

- Water hammer damping.
- High flow capacity.
- Spring closure.
- Sealing in 2 directions.
- Process pressure below the valve.



Size table:

Actuator	A mm	c	ØD mm	H mm	L mm
D50	95	1/4" BSP	64	211	130
D50	105	1/4" BSP	64	214	150
E63	105	1/4" BSP	80	248	150
E63	115	1/4" BSP	80	220	160
F80	115	1/4" BSP	101	273	160
E63	140	1/4" BSP	80	272	180
F80	140	1/4" BSP	101	294	180
F80	150	1/4" BSP	101	299	200
H125	150	1/4" BSP	157	395	200
G100	165	1/4" BSP	127	371	230
H125	165	1/4" BSP	157	400	230
H125	185	1/4" BSP	157	429	290
I175	185	1/4" BSP	211	491	290
H125	200	1/4" BSP	157	438	310
J225	200	1/4" BSP	261	494	310
J225	235	1/4" BSP	261	504	350
H125	235	1/4" BSP	157	449	350

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Size process connection	Pressure rating	Kv value m³/h	Closing pressure bar	Type coding actuator	Pilot pressure	Actuator material	Ex-class	ATEX Zone	Ambient temperature °C	Article
DN15	PN25	4.7	16	D50	3.9 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 40	11815042
DN20	PN25	8.1	11	D50	3.9 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 40	11815028
DN20	PN25	8.1	16	E63	4.5 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 55	12036230
DN25	PN25	13	11	E63	4.5 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 55	11815029
DN25	PN25	13	16	F80	5 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 60	12036231
DN32	PN25	19.5	6	E63	4.5 - 10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 55	11815030
DN32	PN25	19.5	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 / 60	11815031
DN40	PN25	31	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 / 60	11815032
DN40	PN25	31	16	H125	3.2 - 7 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 60	11815033
DN50	PN25	45	7.2	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 / 60	11815034
DN50	PN25	45	10	H125	3.2 - 7 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 60	11815035
DN65	PN25	73	12	H125	5.6 - 7 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 60	11815036
DN65	PN25	73	15	I175	4.5 - 6 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 50	11815037
DN80	PN25	110	7.5	H125	5.6 - 7 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 60	11815038
DN80	PN25	110	12.5	J225	3.3 - 6 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 50	11815039
DN100	PN25	155	10	J225	4.8-10 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 50	11815041
DN100	PN25	165	5	H125	5.6 - 7 bar	PA	II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135 °C Db	Zone 1 / 21	-10 / 60	11815040

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