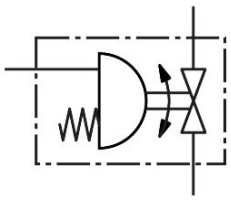
Ball valve unit
VZBA-A-3/8-WW-63-T-22-F0304-V4V4T-PB20

Part number: 8191835





Data sheet

Feature	Value
Design	2-way ball valve Quarter turn actuator
Type of actuation	Pneumatic
Sealing principle	Soft
Mounting position	Any
Type of mounting	Inline installation
Connection Process valve	Weld-on ends/weld-on ends
Switching position indicator	Slot direction = flow direction
Flange hole pattern	F0304
Nominal size DN	10
Valve function	2/2
Flow direction	Reversible
Operating pressure	0.55 MPa...0.8 MPa 5.5 bar...8 bar 79.75 psi...116 psi
Nominal pressure PN	63
Breakaway torque at differential pressure, nominal pressure, process valve PN	6 Nm
Based on standard	DIN 3202-S13 ISO 5211
Medium	Compressed air to ISO 8573-1:2010 [-:-:-] Inert gases Water – no steam Neutral fluids Other media on request
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Media temperature	-10 °C...200 °C
Flow rate Kv	10 m³/h
Max. surface temperature assembly	+105°C...+280°C T4...T2
explosion group assembly	IIC, IIIC
Note on materials	RoHS compliant

Feature	Value
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	High-alloy stainless steel
Material number housing	1,4408
Material seat seal	PTFE
Material seals	PTFE-reinforced
Material ball	High-alloy stainless steel
Material number ball	1,4408
Material shaft	High-alloy stainless steel
Material number shaft	1,4401
Product weight	2120 g
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Explosion ambient temperature	-10°C <= Ta <= +80°C
Corrosion resistance class CRC	1 - Low corrosion stress