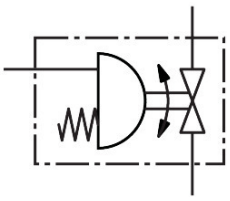
Ball valve unit
VZBE-A-1/4-T-63-T-2-F0304-V15V15-PB20

Part number: 8191906



General operating condition

Data sheet

Feature	Value
Design	2-way ball valve Semi-rotary drive
Type of actuation	Pneumatic
Sealing principle	Soft
Mounting position	optional
Type of mounting	In-line installation
Connection Process valve	1/4 NPT
Switching position indicator	Slot direction = flow direction
Flange hole pattern	F0304
Nominal size DN	8
Valve function	2/2
Flow direction	Reversible
Operating pressure	0.55 MPa ... 0.8 MPa
Operating pressure	5.5 bar ... 8 bar
Operating pressure	79.75 psi ... 116 psi
Nominal pressure PN	63
Breakaway torque at differential pressure, nominal pressure, process valve PN	7 Nm
Based on standard	ASME B1.20.1 ISO 5211
Symbol	00992011
Medium	Compressed air to ISO 8573-1:2010 [-:-:-] Inert gases Water – no water vapour 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	19 m³/h
Max. surface temperature assembly	+105 °C...+280 °C T4...T2
explosion group assembly	IIC, IIIC
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III

Feature	Value
Material housing	Stainless steel casting
Material number housing	1.4408
Material seat seal	PTFE
Material seals	FPM PTFE
Material ball	Stainless steel casting
Material number ball	1.4408
Material shaft	High-alloy stainless steel
Product weight	1930 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