

Ball valve unit VZBE-A-3-T-63-T-2-F0710-V15V16-PA160

Part number: 8191904

FESTO



 [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	3 NPT
Switching position indicator	Slot direction = flow direction
Flange hole pattern	F0710
Nominal size DN	80
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	103 Nm
Based on standard	ASME B1.20.1 ISO 5211
Symbol	00991921
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	995 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	Stainless steel casting
Material number housing	1.4408
Material seat seal	PTFE
Material seals	FPM PTFE
Material ball	High-alloy stainless steel
Material number ball	1.4401
Material shaft	High-alloy stainless steel
Product weight	13490 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