

Ball valve unit

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

Part number: 8191835

FESTO



Data sheet

Feature	Value
Structural design	2-way ball valve Quarter turn actuator
Actuation type	Pneumatic
Sealing principle	Soft
Mounting position	Any
Type of mounting	Line installation
Fitting connection	Weld-on ends/weld-on ends
Switching position indication	Slot direction = flow direction
Flange hole pattern	F0304
Nominal width 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 of fitting PN	63
Breakaway torque at differential pressure, nominal pressure, fitting PN	6 Nm
Based on norm	DIN 3202-S13 ISO 5211
Medium	Compressed air as per ISO 8573-1:2010 [:-:-:-] Inert gas Water – no water vapor Neutral liquids Other flow media on request
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Temperature of medium	-10 °C...200 °C
Flow rate Kv	10 m³/h
Max. surface temperature of assembly	+105°C...+280°C T4...T2
Explosion group of assembly	IIC, IIIC
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III

Feature	Value
Housing material	High-alloy stainless steel
Material number of housing	1.4408
Seat seal material	PTFE
Seals material	PTFE-reinforced
Ball material	High-alloy stainless steel
Material number for ball	1.4408
Shaft material	High-alloy stainless steel
Material number for shaft	1.4401
Product weight	2120 g
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Explosive ambient temperature	-10°C ≤ Ta ≤ +80°C
Corrosion resistance class (CRC)	1 - Low corrosion stress