

Ball valve actuator unit VZBC-50-FF-40-22-F0507-V4V4T-PP106-R-90-C

FESTO

Part number: 1913371



 [General operating condition](#)

Data sheet

Feature	Value
Structural design	Quarter turn actuator
Actuation type	Pneumatic
Mounting position	Any
Type of mounting	In-line installation
Fitting connection	Ring housing with threaded flange
Switching position indication	Slot direction = flow direction
Nominal width DN	50
Operating pressure	6 bar ... 8.4 bar
Nominal pressure of fitting PN	40
Symbol	00991921
Medium	Compressed air as per ISO 8573-1:2010 [-::-] Inert gas Water – no water vapor Neutral liquids
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
Ambient temperature	-10 °C ... 80 °C
Flow rate Kv	275 m ³ /h
Max. surface temperature of assembly	TX
Explosion group of assembly	IIC, IIIC
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III
Housing material	high-alloy stainless steel
Material number of housing	1,4408
Seals material	PTFE 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	8600 g

Feature	Value
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
Corrosion resistance class (CRC)	3 - High corrosion stress