

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	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