

# Ball valve actuator unit

## VZBC-50-FF-40-22-F0507-V4V4T-PS90-R-90-4-C

FESTO

Part number: 1915407



 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	00992011
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 m³/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	11800 g
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)

Feature	Value
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
Corrosion resistance class (CRC)	3 - High corrosion stress