

# 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
Design	Quarter turn actuator
Type of actuation	Pneumatic
Mounting position	Any
Type of mounting	Inline installation
Connection Process valve	Ring housing with threaded flange
Switching position indicator	Slot direction = flow direction
Nominal size DN	50
Operating pressure	6 bar ... 8.4 bar
Nominal pressure PN	40
Symbol	00992011
Medium	Compressed air to ISO 8573-1:2010 [-:--:] Inert gases Water – no steam Neutral fluids
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
Ambient temperature	-10 °C ... 80 °C
Flow rate Kv	275 m <sup>3</sup> /h
Max. surface temperature assembly	TX
explosion group assembly	IIC, IIIC
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	High-alloy stainless steel
Material number housing	1,4408
Material seals	PTFE PTFE-reinforced
Material ball	High-alloy stainless steel
Material number ball	1,4408
Material shaft	High-alloy stainless steel
Material number shaft	1,4401
Product weight	11800 g

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