

Ball valve

VZBC-50-FF-40-22-F0507-V4V4T

Part number: 1692206

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Design	2-way ball valve
Type of actuation	Mechanical
Sealing principle	Soft
Mounting position	optional
Type of mounting	In-line installation
Connection Process valve	Ring housing with threaded flange
Switching position indicator	Slot direction = flow direction
Flange hole pattern	F05 F07
Inside diameter	50 mm
Nominal size DN	50
Valve function	2/2
Manual override	None
Flow direction	Reversible
Nominal pressure PN	40
Actuating torque	54 Nm
Based on standard	EN 1092-1 ISO 5211
Symbol	00991458
Medium	Compressed air to ISO 8573-1:2010 [-:~:] Inert gases Water – no water vapour Neutral fluids Other media on request
Media temperature	-10 °C ... 200 °C
Flow rate Kv	275 m³/h
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

Feature	Value
Material number ball	1.4408
Material shaft	High-alloy stainless steel
Material number shaft	1.4401
Product weight	6200 g
CE mark (see declaration of conformity)	In accordance with EU Pressure Equipment Directive
CE marking (see declaration of conformity)	to UK Pressure Equipment Regulations
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Corrosion resistance class CRC	3 - high corrosion stress