

# Ball valve VZBD-2-S1-16-T-2-F0507-V14V14

Part number: 4795670

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Design	2-way ball valve
Type of actuation	Mechanical
Sealing principle	Soft
Mounting position	Any
Type of mounting	Inline installation
Connection Process valve	Clamp according to ASME-BPE
Switching position indicator	Slot direction = flow direction
Flange hole pattern	F0507
Inside diameter	47.7 mm
Nominal size DN	50
Valve function	2/2
Flow direction	Reversible
Nominal pressure PN	16
Breakaway torque at differential pressure, nominal pressure, process valve PN	44 Nm
Based on standard	ISO 5211
Symbol	00991458
Medium	Vapour Compressed air to ISO 8573-1:2010 [-:~:] Inert gases Water Neutral fluids
Media temperature	-20 °C ... 200 °C
Flow rate Kv	364 m³/h
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Material housing	Cast stainless steel
Material number housing	1,4409
Material seat seal	PTFE, modified

<b>Feature</b>	<b>Value</b>
Material seals	Fluoro rubber PTFE
Material ball	Cast stainless steel
Material number ball	1,4409
Material shaft	High-alloy stainless steel
Material number shaft	1,4401
Product weight	3070 g
Approval	3-A Sanitary CRN
CE mark (see declaration of conformity)	In accordance with EU Pressure Equipment Directive
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Corrosion resistance class CRC	4 - Very high corrosion stress