

Ball valve

VZBD-2-W1-16-T-2-F0507-V14V14

Part number: 4762851

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	Weld-on end 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	ASME BPE 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 m ³ /h
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Material housing	Stainless steel casting
Material number housing	1.4409
Material seat seal	PTFE, modified
Material seals	FPM PTFE

Feature	Value
Material ball	Stainless steel casting
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