

ball valve

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

Part number: 4762851

FESTO

Stainless steel for use in the cosmetics and pharmaceutical industry, 2/2-way, nominal width: 2", top flange F0507, PN16, weld-on ends to ASME-BPE, electropolished.

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Data sheet

Feature	Value
Design structure	2-way ball valve
Type of actuation	mechanical
Sealing principle	soft
Assembly position	Any
Mounting type	Line installation
Process valve connection	Welded end to ASME-BPE
Switching position indicator	Slot direction = flow direction
Flange hole pattern	F0507
Inside diameter	47.7 mm
Nominal diameter DN	50
Valve function	2/2
Flow direction	reversible
Nominal pressure of process valve	16
Breakaway torque at differential pressure, nominal pressure, process valve PN	44 Nm
Based on the standard	ASME BPE ISO 5211
Medium	Vapour Compressed air in accordance with ISO8573-1:2010 [-:~:] Inert gases Water Neutral fluids
Medium temperature	-20 ... 200 °C
Flow rate Kv	364 m ³ /h
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III
Food-safe	See Supplementary material information
Material housing	Stainless steel casting
Material number for housing	1.4409
Material seat seal	PTFE, modified
Material seals	FPM PTFE
Material ball	Stainless steel casting
Material number for ball	1.4409
Material shaft	High alloy steel, non-corrosive
Material number for shaft	1.4401
Product weight	3,070 g
Authorisation	3-A Sanitary CRN
CE mark (see declaration of conformity)	to EU directive pressure devices
Corrosion resistance classification CRC	4 - Very high corrosion stress