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

Part number: 4762851





Data sheet

Feature	Value
Structural design	2-way ball valve
Actuation type	Mechanical
Sealing principle	Soft
Mounting position	Any
Type of mounting	In-line installation
Fitting connection	Weld-on according to ASME-BPE
Switching position indication	Slot direction = flow direction
Flange hole pattern	F0507
Inside diameter	47.7 mm
Nominal width DN	50
Valve function	2/2
Flow direction	Reversible
Nominal pressure of fitting PN	16
Breakaway torque at differential pressure, nominal pressure, fitting PN	44 Nm
Based on norm	ASME BPE ISO 5211
Medium	Vapor Compressed air as per ISO 8573-1:2010 [-:-:-] Inert gas Water Neutral liquids
Temperature of medium	-20 °C...200 °C
Flow rate Kv	364 m³/h
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III
For use in the food industry	See supplementary material information
Housing material	Cast stainless steel

Feature	Value
Material number of housing	1,4409
Seat seal material	PTFE, modified
Seals material	FPM PTFE
Ball material	Cast stainless steel
Material number for ball	1,4409
Shaft material	high-alloy stainless steel
Material number for shaft	1,4401
Product weight	3070 g
Certification	3-A Sanitary CRN
CE marking (see declaration of conformity)	as per EU pressure equipment directive
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress