Ball valve
VZBF-3-P1-20-D-2-F0710-M-V15V15

Part number: 8097474

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	Flange to ANSI B16.5 class 150
Switching position indicator	Slot direction = flow direction
Flange hole pattern	F0710
Inside diameter	76 mm
Nominal size DN	80
Valve function	2/2
Flow direction	Reversible
Nominal pressure PN	20
Breakaway torque at differential pressure, nominal pressure, process valve PN	90 Nm
Based on standard	ANSI B16.5 class 150 ISO 5211
Medium	Vapour Compressed air to ISO 8573-1:2010 [-:-:-] Inert gases Water Neutral fluids
Media temperature	-20 °C...200 °C
Flow rate Kv	995 m³/h
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	Stainless steel casting

Feature	Value
Material number housing	1.4408
Material seat seal	PTFE PTFE, modified
Material seals	FPM Graphite PCTFE PTFE
Material ball	Stainless steel casting
Material number ball	1.4408
Material shaft	High-alloy stainless steel
Material number shaft	1.4401
Product weight	18200 g
Approval	API607 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