

Ball valve unit VAPB-A-2-F-25-F05-PB80

Part number: 8191933

FESTO



 General operating condition

Data sheet

Feature	Value
Structural design	2-way ball valve Quarter turn actuator
Actuation type	Pneumatic
Sealing principle	Soft
Mounting position	Any
Type of mounting	Line installation
Fitting connection	Rp2
Switching position indication	Slot direction = flow direction
Flange hole pattern	F05
Nominal width DN	50
Valve function	2/2
Flow direction	Reversible
Operating pressure	0.55 MPa ... 0.8 MPa
Operating pressure	5.5 bar ... 8 bar
Operating pressure	79.75 psi ... 116 psi
Nominal pressure of fitting PN	25
Breakaway torque at differential pressure, nominal pressure, fitting PN	29 Nm
Based on norm	EN 10226-1 ISO 5211
Symbol	00992011
Medium	Compressed air as per ISO 8573-1:2010 [:-:-] Inert gas Water – no water vapor Neutral liquids Other flow media on request
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Temperature of medium	-10 °C ... 200 °C
Flow rate Kv	292 m³/h
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Housing material	Brass, nickel-plated
Material number of housing	2.0402 CW617N
Seat seal material	PTFE

Feature	Value
Seals material	HNBR PTFE
Ball material	Brass Hard-chrome-plated
Material number for ball	2.0402 CW617N
Shaft material	Brass
Material number for shaft	2.0401 CW614N
Product weight	7270 g
Corrosion resistance class (CRC)	1 - Low corrosion stress