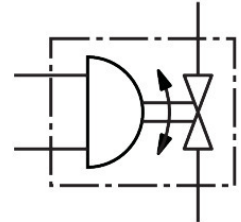



**Ball valve unit**  
**VAPB-A-3/4-F-40-F03-PA10**  
Part number: 8191920

**FESTO**



 [General operating condition](#)

## Data sheet

Feature	Value
Design	2-way ball valve Semi-rotary drive
Type of actuation	Pneumatic
Sealing principle	Soft
Mounting position	optional
Type of mounting	In-line installation
Connection Process valve	Rp3/4
Switching position indicator	Slot direction = flow direction
Flange hole pattern	F03
Nominal size DN	20
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 PN	40
Breakaway torque at differential pressure, nominal pressure, process valve PN	6 Nm
Based on standard	EN 10226-1
Symbol	00991921
Medium	Compressed air to ISO 8573-1:2010 [-:~:] Inert gases Water – no water vapour Neutral fluids Other media on request
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Media temperature	-10 °C ... 200 °C
Flow rate Kv	41 m³/h
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	Brass, nickel-plated
Material number housing	2.0402 CW617N

Feature	Value
Material seat seal	PTFE
Material seals	HNBR PTFE
Material ball	Brass Hard-chrome-plated
Material number ball	2.0402 CW617N
Material shaft	Brass
Material number shaft	2.0401 CW614N
Product weight	1670 g
Corrosion resistance class CRC	1 - Low corrosion stress