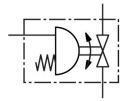
Ball valve actuator unit VZBA-3"-WW-63-T-22-F0710-V4V4T-PS180-R-90-4-C Part number: 1774112

FESTO





Data sheet

Quarter turn actuator Actuation type Pneumatic Mounting position Mounting position Weld-on ends/weld-on ends Switching position indication Switching position indication Nominal width DN Soperating pressure Sominal pressure of bar8.4 bar Nominal pressure of fitting PN Sominal pressure of fitting PN Soperating medium Compressed air as per ISO 8573-1:2010 [-:] Inert gas Water – no water vapor Neutral liquids Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Operating medium Operating medium Operating and pilot media Operating with oil lubrication possible (required for further use) Operating temperature of medium -10°C200°C Ambient temperature -10°C200°C TX Explosion group of assembly IX Explosion group of assembly IIC, IIIC Note on materials RoHS-compliant High-alloy stainless steel Material number of housing III, Halos Ball material High-alloy stainless steel Material number for ball Material number for ball Material number for ball Material number for ball Ja408	Feature	Value
Actuation type Mounting position Mounting position Mounting position Mounting position Meld-on ends/weld-on ends Solt direction = flow direction Solt direction = flow d	Structural design	
Mounting position Any Type of mounting Line installation Weld-on ends/weld-on ends Switching position indication Solt direction = flow direction Moninal width DN 80 Operating pressure Onominal pressure of fitting PN 63 Compressed air as per ISO 8573-1:2010 [-:] Inert gas Water – no water vapor Neutral liquids Operating medium Compressed air as per ISO 8573-1:2010 [7:4-4] 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) Femperature of medium -10 °C200 °C		Quarter turn actuator
Eitting connection Weld-on ends/weld-on ends Switching position indication Some position provided in as per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids Operating medium Compressed air as per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids Operating medium -to overable of its per ISO 8573-1:2010 [7:4:4] Operating medium -to overable of its per ISO 8573-1:2010 [7:4:4] Operating medium -to overable of its per ISO 8573-1:2010 [7:4:4] Operating medium -to overable of its per ISO 8573-1:2010 [7:4:4] Operating medium -to overable of its per ISO 8573-1:2010 [7:4:4] Operating medium -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of its per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids -to overable of	Actuation type	Pneumatic
Weld-on ends/weld-on ends Switching position indication Slot direction = flow direction Sominal width DN Sominal width DN Sominal pressure Sominal pressure Sominal pressure Sominal pressure of fitting PN Sominal pressure Sominal pressure of fitting PN Sominal pressure vapor Sominal pressure vapor (Sominal Sominal Pressure value) Sominal pressure vapor (Sominal Sominal Pressure value) Sominal pressure of fitting PN Sominal pressure vapor (Sominal Sominal Pressure value) Sominal pressure value v	Mounting position	Any
Switching position indication Nominal width DN Poperating pressure 6 bar8.4 bar Compressed air as per ISO 8573-1:2010 [-::] Inert gas Water – no water vapor Neutral liquids Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium 10°C200°C Ambient temperature 10°C200°C Ambient temperature 10°C80°C 905 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant VDMA24364 zone III Housing material Material number of housing PTFE PTFE-reinforced Ball material Material number for ball Material number for ball Material number for ball Material number for ball		Line installation
Nominal width DN Deparating pressure Ominal pressure of fitting PN Objecting pressure Ominal pressure of fitting PN Objecting pressure pre	Fitting connection	Weld-on ends/weld-on ends
Departing pressure 6 bar8.4 bar 6 compressed air as per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids Departing medium Compressed air as per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating on operating and pilot media Operation with oil lubrication possible (required for further use) Femperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate KV 905 m³/h Max. surface temperature of assembly IX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing FTFE PTFE-reinforced Ball material Material number for ball Material number for ball	Switching position indication	Slot direction = flow direction
Nominal pressure of fitting PN 63 Compressed air as per ISO 8573-1:2010 [-::] Inert gas Water – no water vapor Neutral liquids 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) Information on operating and pilot media Operation with oil lubrication possible (required for further use) Information on operating and pilot media Operation with oil lubrication possible (required for further use) Information on operating oper	Nominal width DN	80
Compressed air as per ISO 8573-1:2010 [-::-] Inert gas Water – no water vapor Neutral liquids Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Operating and pilot media Operation with oil lubrication possible (required for further use) Operature of medium Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation vide of possible	Operating pressure	6 bar8.4 bar
Inert gas Water – no water vapor Neutral liquids Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Operating and pilot media Operation with oil lubrication possible (required for further use) Information on operating and pilot media Operation with oil lubrication possible (required for further use) Information on operating and pilot media Operation with oil lubrication possible (required for further use) Information on operating on operating and pilot media Operation with oil lubrication possible (required for further use) Information on operating for use III operation of III	Nominal pressure of fitting PN	63
Operation with oil lubrication possible (required for further use) If o C200 °C Ambient temperature -10 °C200 °C -10 °C80 °C Flow rate Kv 905 m³/h Max. surface temperature of assembly IX Explosion group of assembly IIC, IIIC Note on materials ABS (PWIS) conformity Housing material High-alloy stainless steel Material number of housing Ball material Material number for ball Material number for ball Material number for ball 1.4408 Material number for ball 1.4408	Medium	Inert gas Water – no water vapor
Femperature of medium -10 °C200 °C -10 °C80 °C Flow rate Kv 905 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature -10 °C80 °C Flow rate Kv 905 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant LABS (PWIS) conformity Housing material High-alloy stainless steel Material number of housing Floration Seals material High-alloy stainless steel High-alloy stainless steel All material High-alloy stainless steel High-alloy stainless steel High-alloy stainless steel Material number for ball High-alloy stainless steel	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Flow rate Kv 905 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials ABS (PWIS) conformity Housing material High-alloy stainless steel Material number of housing FOR Explosion group of assembly TX WDMA24364 zone III High-alloy stainless steel T.4408 FOR Explosion group of assembly FOR Explosion group of assembly IIC, IIIC PTFE PTFE-reinforced High-alloy stainless steel High-alloy stainless steel Material number for ball I.4408	Temperature of medium	-10 °C200 °C
Max. surface temperature of assembly Explosion group of assembly Note on materials ABS (PWIS) conformity Housing material Material number of housing Beals material PTFE PTFE-reinforced Ball material Material number for ball Material number for ball Material number for ball ABS (PWIS) conformity TX ROHS-compliant VDMA24364 zone III High-alloy stainless steel High-alloy stainless steel High-alloy stainless steel 1.4408	Ambient temperature	-10 °C80 °C
Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing DTFE PTFE-reinforced Ball material Material number for ball High-alloy stainless steel 1.4408	Flow rate Kv	905 m³/h
Note on materials ABS (PWIS) conformity VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing 1.4408 Seals material PTFE PTFE-reinforced Ball material High-alloy stainless steel 1.4408	Max. surface temperature of assembly	TX
ABS (PWIS) conformity VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing 1.4408 For Each of the part of t	Explosion group of assembly	IIC, IIIC
Housing material Material number of housing 1.4408 Seals material PTFE PTFE-reinforced Ball material High-alloy stainless steel 1.4408 1.4408	Note on materials	RoHS-compliant
Material number of housing 1.4408 Feals material PTFE PTFE-reinforced High-alloy stainless steel Material number for ball 1.4408	LABS (PWIS) conformity	VDMA24364 zone III
Seals material PTFE PTFE-reinforced Ball material High-alloy stainless steel 1.4408	Housing material	High-alloy stainless steel
PTFE-reinforced Ball material High-alloy stainless steel Material number for ball 1.4408	Material number of housing	1.4408
Material number for ball 1.4408	Seals material	1
	Ball material	High-alloy stainless steel
Shaft material High-alloy stainless steel	Material number for ball	1.4408
1 9 /	Shaft material	High-alloy stainless steel
Material number for shaft 1.4401	Material number for shaft	1.4401
Product weight 22900 g	Product weight	22900 g

Feature	Value
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Explosive ambient temperature	-10°C <= Ta <= +60°C
Corrosion resistance class (CRC)	3 - High corrosion stress