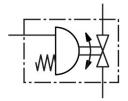
Ball valve actuator unit VZBA-11/2"-WW-63-T-22-F0507-V4V4T-PS53-R-90-4-C Part number: 1774109

FESTO





Data sheet

Quarter turn actuator Actuation type Pneumatic Mounting position Any Type of mounting Line installation Fitting connection Weld-on ends/weld-on ends Switching position indication Stot direction = flow direction Nominal width DN 40 Operating pressure 6 bar8.4 bar Nominal pressure of fitting PN 63 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] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC NOMA24364 zone III Housing material Material number of housing Felse Flow faterial PTFE	Feature	Value
Actuation type Mounting position Any Iype of mounting Line installation Weld-on ends/weld-on ends Switching position indication Sowitching position indication Nominal width DN Operating pressure 6 bar8.4 bar Nominal pressure of fitting PN 63 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] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature -10 °C300 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials LABS (PWIS) conformity Housing material Material number of housing Seals material PTFE	Structural design	2-way ball valve
Mounting position Type of mounting Line installation Weld-on ends/weld-on ends Switching position indication Solit direction = flow direction Nominal width DN Operating pressure 6 bar8.4 bar 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) Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly IX Explosion group of assembly IX Explosion group of assembly IX Explosion group of assembly Note on materials ROHS-compliant Housing material High-alloy stainless steel Material number of housing Seals material PTFE		Quarter turn actuator
Fitting connection Weld-on ends/weld-on ends Switching position indication Nominal width DN Operating pressure 6 bar8.4 bar 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] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Operating medium Operating and pilot media Operation on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly IX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant Habs- (PWIS) conformity Housing material High-alloy stainless steel Material number of housing Seals material PTFE	Actuation type	Pneumatic
Fitting connection Weld-on ends/weld-on ends Switching position indication Nominal width DN Operating pressure 6 bar8.4 bar Nominal pressure of fitting PN 63 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] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature 10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly Note on materials ROHS-compliant Housing material High-alloy stainless steel Material number of housing Seals material PTFE	Mounting position	Any
Switching position indication Nominal width DN Operating pressure 6 bar8.4 bar Nominal pressure of fitting PN 63 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 [-:] Inert gas Water – no water vapor Neutral liquids Operating medium Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant Housing material High-alloy stainless steel Material number of housing Slot direction = flow direction 40 Demandary Flow direction 10 May 150 ABA Bar PISO B573-1:2010 [-:] Inert gas Water – no water vapor Neutral liquids Operation with oil lubrication possible (required for further use) TX TX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant High-alloy stainless steel Material number of housing 1.4408 Seals material PTFE	Type of mounting	Line installation
Nominal width DN Operating 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] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly Note on materials ROHS-compliant Housing material High-alloy stainless steel Material number of housing Seals material PTFE	Fitting connection	Weld-on ends/weld-on ends
Operating pressure Nominal pressure of fitting PN 63 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] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials RoHS-compliant Housing material High-alloy stainless steel Material number of housing 1.4408 Seals material PTFE	Switching position indication	Slot direction = flow direction
Nominal pressure of fitting PN 63 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] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant Housing material High-alloy stainless steel Material number of housing Seals material PTFE	Nominal width DN	40
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] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C -10 °C200 °C Ambient temperature -10 °C80 °C If om 3/h Max. surface temperature of assembly IX Explosion group of assembly IIC, IIIC Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing Seals material PTFE	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] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 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 Seals material PTFE	Nominal pressure of fitting PN	63
Information on operating and pilot media Operation with oil lubrication possible (required for further use) Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 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 Seals material PTFE	Medium	Inert gas Water – no water vapor
Temperature of medium -10 °C200 °C Ambient temperature -10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant LABS (PWIS) conformity VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing Seals material PTFE	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature -10 °C80 °C Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials ROHS-compliant LABS (PWIS) conformity VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing Seals material PTFE	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Flow rate Kv 170 m³/h Max. surface temperature of assembly TX Explosion group of assembly IIC, IIIC Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing 1.4408 Seals material PTFE	Temperature of medium	-10 °C200 °C
Max. surface temperature of assembly Explosion group of assembly IIC, IIIC Note on materials RoHS-compliant VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing 1.4408 Seals material PTFE	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 Seals material PTFE	Flow rate Kv	170 m³/h
Note on materials RoHS-compliant VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing 1.4408 Seals material PTFE	Max. surface temperature of assembly	TX
LABS (PWIS) conformity VDMA24364 zone III Housing material High-alloy stainless steel Material number of housing 1.4408 Seals material PTFE	Explosion group of assembly	IIC, IIIC
Housing material High-alloy stainless steel Material number of housing 1.4408 Seals material PTFE	Note on materials	RoHS-compliant
Material number of housing 1.4408 Seals material PTFE	LABS (PWIS) conformity	VDMA24364 zone III
Seals material PTFE	Housing material	High-alloy stainless steel
· · · =	Material number of housing	1.4408
PIFE-reinforced	Seals material	PTFE PTFE-reinforced
Ball material High-alloy stainless steel	Ball material	High-alloy stainless steel
Material number for ball 1.4408	Material number for ball	1.4408
Shaft material High-alloy stainless steel	Shaft material	High-alloy stainless steel
Material number for shaft 1.4401	Material number for shaft	1.4401
Product weight 6100 g	Product weight	6100 g

Feature	Value
	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