## ball valve **VZBA-3"-GG-63-T-22-F0710-V4V4T**Part number: 1686651

**FESTO** 

2/2-way, flange hole pattern F0710, thread EN 10226-1.





## **Data sheet**

| Feature     Value       Design structure     2-way ball valve       Type of actuation     mechanical       Sealing principle     soft       Assembly position     Any       Mounting type     Line installation       Process valve connection     Rp3       Switching position indicator     Slot direction = flow direction       Flange hole pattern     F07       F10     F10       Inside diameter     80 mm       Nominal diameter DN     80       Valve function     2/2       Manual override     None       Flow direction     reversible       Nominal pressure of process valve     63       Actuation torque     112 Nm       Based on the standard     DIN 3202-M3       EN 10226-1     ISO 5211       Medium     Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases       Water (no water vapour)     Neutral fluids       Other media on request  |   |
|--|---|
| Type of actuation mechanical Sealing principle soft Assembly position Any Mounting type Line installation Process valve connection Rp3 Switching position indicator Slot direction = flow direction Flange hole pattern F07 F10 Inside diameter 80 mm Nominal diameter DN 80 Valve function 2/2 Manual override None Flow direction reversible Nominal pressure of process valve 63 Actuation torque 112 Nm Based on the standard DIN 3202-M3 EN 10226-1 ISO 5211 Medium Compressed air in accordance with ISO8573-1:2010 [] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| Sealing principle  Assembly position  Any  Mounting type  Line installation  Process valve connection  Rp3  Switching position indicator  Flange hole pattern  F07  F10  Inside diameter  80 mm  Nominal diameter DN  80  Valve function  2/2  Manual override  Flow direction  Rominal pressure of process valve  Actuation torque  Based on the standard  DIN 3202-M3  EN 10226-1  ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:::-]  Inert gases  Water (no water vapour)  Neutral fluids  Other media on request  |   |
| Assembly position  Mounting type  Line installation  Process valve connection  Rp3  Switching position indicator  Flange hole pattern  F07  F10  Inside diameter  Nominal diameter DN  80  Valve function  2/2  Manual override  None  Flow direction  reversible  Nominal pressure of process valve  Actuation torque  Based on the standard  DIN 3202-M3  EN 10226-1  ISO 5211  Medium  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-]  Inert gases  Water (no water vapour)  Neutral fluids  Other media on request   |   |
| Mounting type  Line installation  Process valve connection  Rp3  Switching position indicator  Flange hole pattern  Fo7  F10  Inside diameter  Nominal diameter DN  Valve function  Annual override  Flow direction  Flow direction  None  Flow direction  Rome  Flow direction  None  Flow direction  Rome  Flow direction  None  Flow direction  Rome  Flow direction  None  Flow direction  Rome  Flow direction  Flow direction  Rome  Flow direction  Flow di |   |
| Process valve connection  Switching position indicator  Flange hole pattern  Fo7 F10  Inside diameter  Nominal diameter DN  Valve function  Flow direction  Your function  Flow direction  Flow direction  Flow direction  Flow direction  Flow direction  None  Flow direction  Nominal pressure of process valve  Actuation torque  Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| Switching position indicator  Flange hole pattern  Flange hole pattern  For F10  Inside diameter  80 mm  Nominal diameter DN  80  Valve function  2/2  Manual override  Flow direction  Flow direction  Reversible  Nominal pressure of process valve  Actuation torque  Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request  |   |
| Flange hole pattern  FO7 F10  Inside diameter  Nominal diameter DN  80  Valve function  2/2  Manual override  Flow direction  Nome Flow direction  reversible  Nominal pressure of process valve  63  Actuation torque  112 Nm  Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| F10     Inside diameter   80 mm     Nominal diameter DN   80     Valve function   2/2     Manual override   None     Flow direction   reversible     Nominal pressure of process valve   63     Actuation torque   112 Nm     Based on the standard   DIN 3202-M3     EN 10226-1     ISO 5211     Medium   Compressed air in accordance with ISO8573-1:2010 [-::-]     Inert gases   Water (no water vapour)     Neutral fluids     Other media on request   |   |
| Inside diameter    Nominal diameter DN    80    Valve function   |   |
| Nominal diameter DN  Valve function  2/2  Manual override  None  Flow direction  reversible  Nominal pressure of process valve  Actuation torque  Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-::-] Inert gases Water (no water vapour) Neutral fluids Other media on request  |   |
| Valve function  Manual override  Flow direction  Rominal pressure of process valve  Actuation torque  Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| Manual override Flow direction reversible Nominal pressure of process valve 63 Actuation torque 112 Nm Based on the standard DIN 3202-M3 EN 10226-1 ISO 5211 Medium Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| Flow direction reversible  Nominal pressure of process valve 63  Actuation torque 112 Nm  Based on the standard DIN 3202-M3 EN 10226-1 ISO 5211  Medium Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| Nominal pressure of process valve  Actuation torque  Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request  |   |
| Actuation torque  Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| Based on the standard  DIN 3202-M3 EN 10226-1 ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| ISO 5211  Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases Water (no water vapour) Neutral fluids Other media on request   |   |
| Medium  Compressed air in accordance with ISO8573-1:2010 [-:-:-]  Inert gases  Water (no water vapour)  Neutral fluids  Other media on request   |   |
| Inert gases Water (no water vapour) Neutral fluids Other media on request  |   |
| Water (no water vapour) Neutral fluids Other media on request  |   |
| Neutral fluids Other media on request  |   |
| Neutral fluids Other media on request  |   |
|  |   |
|  |   |
| Medium temperature   -10 200 °C  |   |
| Flow rate Kv 905 m3/h  |   |
| Materials note Conforms to RoHS  |   |
| PWIS conformity VDMA24364 zone III   |   |
| Material housing High alloy steel, non-corrosive   |   |
| Material number for housing 1.4408   |   |
| Material seals PTFE  |   |
| PTFE reinforced  |   |
| Material ball High alloy steel, non-corrosive  |   |
| Material number for ball 1.4408  |   |
| Material shaft High alloy steel, non-corrosive   |   |
| Material number for shaft  1.4401  |   |
| Product weight 13,950 g  |   |
| CE mark (see declaration of conformity) to EU directive pressure devices   | l |
| UKCA marking (see declaration of conformity)  UK regulation for pressure equipment   |   |
| Corrosion resistance classification CRC  3 - High corrosion stress   |   |