

# ball valve

## VAPB-2-F-25-F05

Part number: 534309

FESTO

Brass, nominal width 2", front flange F05, PN25.



### 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  | Rp2   |
| Switching position indicator  | Slot direction = flow direction   |
| Flange hole pattern   | F05   |
| Nominal diameter DN   | 50  |
| Flow direction  | reversible  |
| Nominal pressure of process valve   | 25  |
| Breakaway torque at differential pressure, nominal pressure, process valve PN | 29 Nm   |
| Breakaway torque at a differential pressure of 10 bar                         | 22 Nm   |
| Based on the standard   | ISO 5211  |
| Medium  | Compressed air in accordance with ISO8573-1:2010 [-:~:]<br>Inert gases<br>Water<br>Neutral fluids |
| Medium temperature  | -20 ... 150 °C  |
| Flow rate Kv  | 292 m <sup>3</sup> /h   |
| Materials note  | Contains PWIS substances<br>Conforms to RoHS  |
| Material housing  | Brass<br>Nickel plated  |
| Material number for housing   | CW617N  |
| Material seals  | HNBR<br>PTFE  |
| Material ball   | Brass<br>hard-chromium plated   |
| Material number for ball  | CW617N  |
| Material shaft  | Brass   |
| Material number for shaft   | CW614N  |
| Product weight  | 3,100 g   |
| CE mark (see declaration of conformity)                                       | to EU directive pressure devices  |
| Corrosion resistance classification CRC                                       | 1 - Low corrosion stress  |