

角座閥 VZXA

料號: 3539410

★ Kernprogramm

Modular, pneumatically actuated angle seat valve in stainless steel for demanding applications such as steam, hot water.

FESTO

代表範例



技術參數

整體數據表 – 個別數值取決於您的配置.

| 特性 | 值 |
|------------------------|--|
| 設計結構 | Poppet valve with piston actuator Poppet valve with diaphragm actuator |
| 驅動類型 | 氣壓 |
| 裝配位置 | 任何 |
| 安裝類型 | 線路安裝 |
| Line connection | G $\frac{1}{2}$ threaded collar to DIN ISO 228 G $\frac{3}{4}$ threaded collar to DIN ISO 228 G1 threaded collar to DIN ISO 228 G1 $\frac{1}{4}$ threaded collar to DIN ISO 228 G1 $\frac{1}{2}$ threaded collar to DIN ISO 228 G2 threaded collar to DIN ISO 228 G2 $\frac{1}{2}$ threaded collar to DIN ISO 228 Threaded coupling 1/2 NPT to ANSI/ASME B 1.20.1 Threaded coupling 3/4 NPT to ANSI/ASME B 1.20.1 Threaded coupling 1 NPT to ANSI/ASME B 1.20.1 Threaded coupling 1 1/4 NPT to ANSI/ASME B 1.20.1 Threaded coupling 1 1/2 NPT to ANSI/ASME B 1.20.1 Threaded coupling 2 NPT to ANSI/ASME B 1.20.1 Threaded coupling 2 1/2 NPT to ANSI/ASME B 1.20.1 RC $\frac{1}{2}$ threaded collar to DIN 10226 RC $\frac{3}{4}$ threaded collar to DIN 10226 RC1 threaded collar to DIN 10226 RC1 $\frac{1}{4}$ threaded collar to DIN 10226 RC1 $\frac{1}{2}$ threaded collar to DIN 10226 RC2 threaded collar to DIN 10226 RC2 $\frac{1}{2}$ threaded collar to DIN 10226 |
| 閥功能 | 2/2 |
| 流量方向 | 不可逆 |
| Pressure of medium | 0 ... 3 MPa |
| 操作壓力 | 0 ... 30 bar |
| 復位類型 | 機械彈簧 |
| 嚮導類型 | 具外部控制 |
| 氣壓連接 | 內螺紋 G1/8 |
| Operating pressure MPa | 0.5 ... 1 MPa |
| 操作壓力 | 5 ... 10 bar |
| Operating pressure | 72.5 ... 145 psi |
| 介質 | Vapour 礦物油型液壓油 惰性氣體 礦物油 水 |

| 特性 | 值 |
|--|---|
| | 過濾壓縮空氣, 過濾等級 200 µm 中性液體 |
| Flow direction | Above valve seat, for gaseous media Below valve seat, for gaseous and liquid media |
| Control of the medium | On/off operation |
| 操作介質 | 壓縮空氣符合 ISO8573-1:2010 [7:4:4] |
| 最大粘度 | 600 mm ² /s |
| 介質溫度 | -30 ... 200 °C |
| 環境溫度 | 0 ... 60 °C |
| 流量 Kv | 4.6 ... 77.9 m ³ /h |
| 戶外使用 | C1 - 在不受天氣影響的地方使用 |
| 材料備註 | 符合 RoHS |
| PWIS conformity | VDMA24364 zone III |
| Material process valve housing | 不鏽鋼鑄件 黃銅 |
| Material number, process valve housing | 1.4409 ASTM A351-CF3M CW724R |
| Material seals | FPM NBR |
| Material spindle seal | PTFE |
| Material seat seal | PTFE PTFE, modified |
| 產品重量 | 1,096 ... 10,700 g |
| 授權 | CRN |
| CE 符號 (參見符合的標準) | 根據 EU 壓力設備指令 根據 EU-Ex 防爆指導原則 (ATEX) |
| UKCA marking (see declaration of conformity) | To UK EX instructions UK regulation for pressure equipment |
| EU以外的防爆保護認證 | EPL Db (GB) EPL Gb (GB) |
| 認證核發部門 | TÜV 968/V 1039.01/20 |
| ATEX(防爆) 標準-氣體 | II 2G |
| ATEX(防爆) 標準-灰塵 | II 2D |
| 防氣爆 | Ex h IIC T6...T3 X |
| 防塵爆 | Ex h IIC T80°C...T200°C X |
| 周遭防爆溫度 | 0°C ≤ Ta ≤ +60°C |
| 安全完整性等級 (SIL) | SIL 2 |
| 每小時失效率為 [1/h]. | 1.36E-07 |
| PFDF (Probability of Failure on Demand), 失效率 | 5.95E-04 |
| Actuator size | 46 ... 90 mm |
| 行程 | 17 ... 26 mm |
| Control function | Closed via reduced spring force, NC 雙動 Opened via spring force, NO Closed via spring force, NC |
| 位置檢測 | With mechanical indicator |
| Material drive housing | 不鏽鋼鑄件 PA-加強 |
| Material number, actuator housing | 1.4408 |
| 儲藏溫度 | -10 ... 60 °C |
| 防護等級 | IP65 IP67 |
| Material piston rod | 高合金鋼, 耐腐蝕 |
| Material cover | 不鏽鋼鑄件 PA-加強 |