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|---------------------|--|--|--|--|
| 1 | | | | Site of control |
| 2 | | | | Measuring and control task |
| 7 | | | | Pipeline DN _____ PN _____ Class _____ |
| 8 | | | | Pipe material |
| 12 | | | | Process medium |
| 13 | | | | State at the input <input type="checkbox"/> Liquid <input type="checkbox"/> Steam <input type="checkbox"/> Vapor |
| 15 | | | | Min. Standard Max. Unit |
| 16 | | | Operating data | Flow rate |
| 17 | | | | Input pressure (P ₁) |
| 18 | | | | Output pressure (P ₂) |
| 19 | | | | Temperature (T ₁) |
| 20 | | | | Input density (ρ ₁ or M) |
| 21 | | | | Steam pressure (P _v) |
| 22 | | | | Critical pressure (P _c) |
| 23 | | | | Kinematic viscosity (ν) |
| 31 | | | | Calculation of max. flow rate coefficient Kv _____ |
| 32 | | | | Calculation of min. flow rate coefficient Kv _____ |
| 33 | | | Selected flow rate coefficient Kvs _____ | |
| 34 | | | Calculated sound pressure level _____ dB(A) | |
| 35 | | | Valve body | Control Valve Type |
| 36 | | | | Style |
| 38 | | | | Nominal pressure PN _____ |
| 39 | | | | Nominal size DN _____ |
| 40 | | | | Type of connection <input type="checkbox"/> Flanges <input type="checkbox"/> Welding ends <input type="checkbox"/> Threaded <input type="checkbox"/> DIN <input type="checkbox"/> ANSI |
| 43 | | | | Bonnet shape <input type="checkbox"/> Standard <input type="checkbox"/> Insulating section <input type="checkbox"/> Bellows seal <input type="checkbox"/> Heating jacket |
| 45 | | | | Body/bonnet material |
| 47 | | | | Characteristic <input type="checkbox"/> Linear <input type="checkbox"/> Equal percentage |
| 48 | | | | Plug/stem material |
| 49 | | | | Bushing/seat material |
| 52 | | | | Hard facing <input type="checkbox"/> Standard <input type="checkbox"/> Stellite surface <input type="checkbox"/> Stellite 6 <input type="checkbox"/> Hardened |
| 54 | | | | Sealing surface <input type="checkbox"/> Metal / Metal <input type="checkbox"/> Soft sealing <input type="checkbox"/> Lapped in |
| 55 | | | Leakage class _____ % Kvs Class _____ | |
| 55 | | | Packing material <input type="checkbox"/> Standard <input type="checkbox"/> Type _____ | |
| 55 | | | Noise-Reduction <input type="checkbox"/> St I <input type="checkbox"/> St III | |
| 57 | | | Actuator | Pneumatic actuator type |
| 60 | | | | Effective area _____ cm ² |
| 62 | | | | Supply air pressure Min. _____ Max. _____ |
| 63 | | | | Bench range |
| 64 | | | | Fail-safe action <input type="checkbox"/> Close <input type="checkbox"/> Open <input type="checkbox"/> Stop |
| 67 | | | | Fail-safe action with three-way valve from _____ to _____ |
| 68 | | | Additional manual operation <input type="checkbox"/> No <input type="checkbox"/> Yes | |
| 70 | | | Positioner | Positioner Type |
| 71 | | | | Input signal <input type="checkbox"/> Pneumatic <input type="checkbox"/> Electric |
| 72 | | | | Control valve opened at _____ bar _____ mA |
| 73 | | | | Control valve closed at _____ bar _____ mA |
| 76 | | | | Air connection max. _____ bar |
| 78 | | | Explosion protection <input type="checkbox"/> EExi <input type="checkbox"/> EExd | |
| 80 | | | Limit switch | Limit switch Type |
| 81 | | | | Limit switch <input type="checkbox"/> Electric <input type="checkbox"/> Inductive <input type="checkbox"/> Pneumatic |
| 82 | | | | Switching position <input type="checkbox"/> Close <input type="checkbox"/> _____% travel <input type="checkbox"/> Open |
| 83 | | | | Switching function <input type="checkbox"/> Closing <input type="checkbox"/> Opening |
| 84 | | | Explosion protection <input type="checkbox"/> EExi <input type="checkbox"/> EExd | |
| 86 | | | Solenoid valve | Solenoid valve Type |
| 87 | | | | Style <input type="checkbox"/> 2 way <input type="checkbox"/> 3 way |
| 88 | | | | If power fails, valve should <input type="checkbox"/> Open <input type="checkbox"/> Close <input type="checkbox"/> Stop |
| 91 | | | | Electric data _____ V _____ Hz _____ W |
| | | | Air set | Air set Type |
| | | | | Comprising <input type="checkbox"/> Filter <input type="checkbox"/> Pressure reducer <input type="checkbox"/> Pressure gauge |
| | | | | Set point range _____ bar |
| | | | Booster | Booster Type |
| | | | | Ratio <input type="checkbox"/> 1:1 <input type="checkbox"/> _____ |
| Observations | | | | |