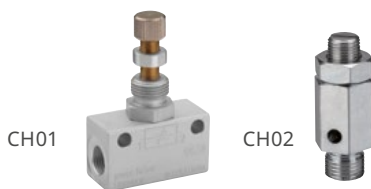




A system can only reach perfection when all the little things are just right. With this in mind, we do not make any compromises when it comes to the quality and reliability of the "little helpers" for air supply management.

## CH series throttle valves

CH series throttle valves can be used for nominal flow rates of up to 4,100 l/min. Special features include versions with an integrated silencer or for use as a screw-in throttle.



## Shut-off valves

These special shut-off valves are primarily used in safety relevant work processes. They are directly assembled on the cylinder, thus enabling an automatic block of the air supply to immediately stop the working stroke.



## NR series non-return valves

NR series non-return valves are available for nominal flow rates of up to 7,950 l/min. Thanks to the connection options of push-in fittings or internal/external threads, they can either be screwed-in directly or mounted in-line during assembly.
















## Quick exhaust valves

Quick exhaust valves are designed for nominal flow rates from 220 to 6,800 l/min. These poppet valves come with internal threads.



Quick exhaust valves 573

| Ports                 |   | Designation                        | Series                | Qn                   |   | Designation                     | Series  |
|-----------------------|---|------------------------------------|-----------------------|----------------------|---|---------------------------------|---------|
| Ø 3 – 6<br>M3 – G1/8  |    | Push-in fittings                   | QR1-S mini            | 110 – 8,830<br>l/min |     | Check-choke valves              | CC01    |
| Ø 4 – 16<br>M5 – G1/2 |    | Push-in fittings                   | QR1-S standard        | 50 – 1,960<br>l/min  |     | Check-choke valves              | CC02    |
| Ø 4 – 16<br>M5 – G1/2 |    | Push-in fittings                   | QR2-S standard        | 50 – 1000<br>l/min   |     | Check-choke valves              | CC02-SL |
| Ø 4 – 12<br>M5 – G3/8 |    | Push-in fittings                   | QR2-C stainless steel | 85 – 2,100<br>l/min  |     | Check-choke valves              | CC04    |
| NW 2,7 – 10           |    | Couplings                          | CP1                   | 38 – 2,800<br>l/min  |     | Throttle valves                 | CH01    |
| M5 – G1               |    | Blanking screws and connectors     | FPT                   | 200 – 4,100<br>l/min |    | Throttle valves                 | CH02    |
| Ø 4 – 14<br>M5 – G1   |   | Silencers                          | SI1                   | 40 – 7,950<br>l/min  |   | Non-return valves               | NR01    |
| Ø 3 – 16              |  | Polymer tubing, polyethylene       | TU1                   | 300 – 5,800<br>l/min |   | Non-return valves, with release | NR02    |
| Ø 4 – 16              |  | Polymer tubing, polyamide          | TU1-S                 | 280 – 2,000<br>l/min |   | Non-return valves               | QR1     |
| Ø 4 – 14              |  | Polymer tubing, Teflon             | TU1                   | 220 – 6,800<br>l/min |   | Quick exhaust valves            | 573     |
| Ø 10 – 27             |  | Polymer tubing, Polyvinyl chloride | TU1                   | 340 – 680<br>l/min   |  | Shut-off valves                 |         |
| Ø 3 – 16              |  | Polymer tubing, polyurethane       | TU1                   |                      |   | Pressure gauges                 | PG1     |
| Ø 4 – 10              |  | Dual polymer tubing, polyurethane  | TU2                   |                      |   |                                 |         |
|                       |   |                                    |                       |                      |   |                                 |         |