

Quick Exhaust Valves

- Increases piston speeds, super sensitive diaphragm.
- May be used as differential shuttle valve.

Shuttle Valves

- Allows two separate signals to be applied to the air pilot.
- 0,6 bar differential, Viton seals as standard.

Non Return Valves

- Aluminium or polymer bodies
- Compact



| Operating information | | |
|--------------------------------|------------------|--|
| Shuttle valve •••005 | | |
| Working pressure | 1,3 - 17 bar | |
| Working temperature; Standard | -10 °C to +80 °C | |
| Quick exhaust valve P4Q | | |
| Working pressure: | 0,2 - 10 bar | |
| Working temperature; Standard: | -10 °C to +80 °C | |
| VB | | |
| Working pressure | Max 10 bar | |
| Working temperature | -20 °C to +70 °C | |
| PWA-L | | |
| Working pressure | 0,2 - 10 bar | |
| Working temperature; | -15 °C to +60 °C | |

Shuttle Valves

| Symbol | Port size | Order code |
|--------|--------------|------------------|
| | M5 | M33005 |
| | G1/8 | B43005B |
| | G1/4 | B53005A |
| | G1/4 (-40°C) | B53005BS5 |

Quick Exhaust Valves P4Q Series

| Symbol | Port size | Order code |
|--------|--|-----------------|
| | Standard Version | |
| | G1/4 | P4Q-BA12 |
| | G3/8 | P4Q-BA13 |
| | G1/2 | P4Q-CA14 |
| | G3/4 | P4Q-CA16 |
| | High Temperature Version (Fluorocarbon diaphragm) | |
| | G3/8 | P4Q-BV13 |
| | G1/2 | P4Q-CV14 |
| G3/4 | P4Q-CV16 | |

Flow control valves with by-directional control

| Symbol | Thread | Number of turns | Qmax input at 6 bar, l/min | Order code |
|--------|--------|-----------------|----------------------------|---------------------|
| | G1/8 | 13 | 72 | VQB12-OX-5 * |
| | G1/8 | 13 | 240 | VQB12-O-5 |
| | G1/4 | 13 | 1320 | VQB22-O-5 |
| | G1/2 | 13 | 3600 | VQB42-O-5 ** |

* Extra fine adjustment
 ** Low operating temp -40°C

Non Return Valves

Aluminium VB Series

| Symbol | Port size | Order code |
|--------|-----------|--|
| | G1/8 | VB12-Q-NQ-5 |
| | G1/4 | VB22-Q-NQ-5 |
| | G1/2 | VB42-Q-NQ-5 |
| | G1/2 | VB42-S50897 (Viton - dry assembly) |

Line mounted non-return valves

| Symbol | Push-in connection | Flow rate 6 bar, l/s | Order code |
|--------|--------------------|----------------------|------------------|
| | Ø, mm | | |
| | 4 | 3,33 | PWA-L1444 |
| | 6 | 11,00 | PWA-L1466 |
| | 8 | 26,67 | PWA-L1488 |

Knob and nut for panel mounting

| To suit | Order code |
|--------------|-------------------|
| VQB12 | 9128177212 |
| VQB22 | 9128177222 |
| VQB42 | 9128177242 |