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

### Shuttle Valves

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Port size</th>
<th>Order code</th>
</tr>
</thead>
<tbody>
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### Quick Exhaust Valves P4Q Series

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Port size</th>
<th>Order code</th>
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<tbody>
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### Non Return Valves

#### Aluminium VB Series

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Port size</th>
<th>Order code</th>
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#### Line mounted non-return valves

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Push-in connection Ø, mm</th>
<th>Flow rate 6 bar, l/s</th>
<th>Order code</th>
</tr>
</thead>
<tbody>
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For more information see www.parker.com/euro_pneumatic
### Dimensions (mm)

#### Quick Exhaust Valves

- **Order code** | **Port Size** | **A** | **B** | **C**
- P4Q-B*12 | G1/4 | 52 | 25 | 62
- P4Q-B*13 | G3/8 | 52 | 25 | 62
- P4Q-B*14 | G1/2 | 73 | 38 | 86
- P4Q-B*16 | G3/4 | 73 | 38 | 86

#### Shuttle Valves

- **Order code** | **Port Size** | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H**
- M33005 | M5 | 27,5 | 24 | 15 | 16,0 | 15 | 6 | 6,3 | 3,2
- B43005B | G1/8 | 44,0 | 24 | 15 | 16,0 | 25 | 6 | 9,5 | 4,5
- *B53005A | G1/4 | 52,0 | 30 | 22 | 20,5 | 35 | 10 | 8,5 | 5,5

* Dimensions as B53005BS5

#### Non Return Valves - VB - Female

- **Order code** | **F** | **L** | **N**
- VB12-Q-NQ-5 | G1/8 | 31 | 14
- VQB22-Q-NQ-5 | G1/4 | 40 | 17
- *VB42-Q-NQ-5 | G1/2 | 59 | 27

* Dimensions as VB42 / S50897

#### Non Return Valves - Push-in

- **Order code** | **ØH** | **L**
- PWA-L1444 | 11,0 | 43,0
- PWA-L1466 | 13,0 | 49,5
- PWA-L1488 | 13,5 | 55,0