Quick and Reliable

- Excellent control accuracy
- Fast dynamic response due to low hysteresis
- Balanced plug ensures constant reversing pressure
- Bypass restriction with linear characteristic to facilitate loop tuning
- Housing material aluminum or stainless steel
- Standard or low-temperature version
- Low-noise venting or exhaust port connected to a pipe
**Type 3755 Volume Booster**

<table>
<thead>
<tr>
<th>Control</th>
<th>Pressure ratio 1:1 (signal to output)</th>
</tr>
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<tbody>
<tr>
<td>Flow coefficients</td>
<td>Kᵥᵥ for exhaust and supply: 2.5 m³/h</td>
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</tbody>
</table>
| Permissible ambient temperature | Standard temperature version: –40 to +80 °C  
Low-temperature version: –55 to +60 °C |
| Pressure | Supply air (SUP): max. 10 bar  
Signal (SIG) and actuator (OUT): max. 7 bar |
| Connecting thread | Signal (SIG): G ¼ (optionally ¼ NPT)  
Supply air (SUP) and actuator (OUT): G ¾ (optionally ¾ NPT)  
Exhaust port (EXH): G 1 (optionally 1 NPT) |
| Exhaust air | Low-noise venting or exhaust port connected to a pipe |
| Housing material | Powder-coated aluminum or stainless steel |