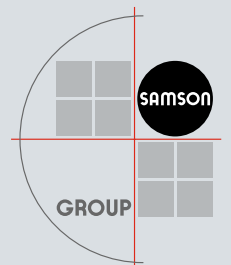


New solution to a long-standing problem

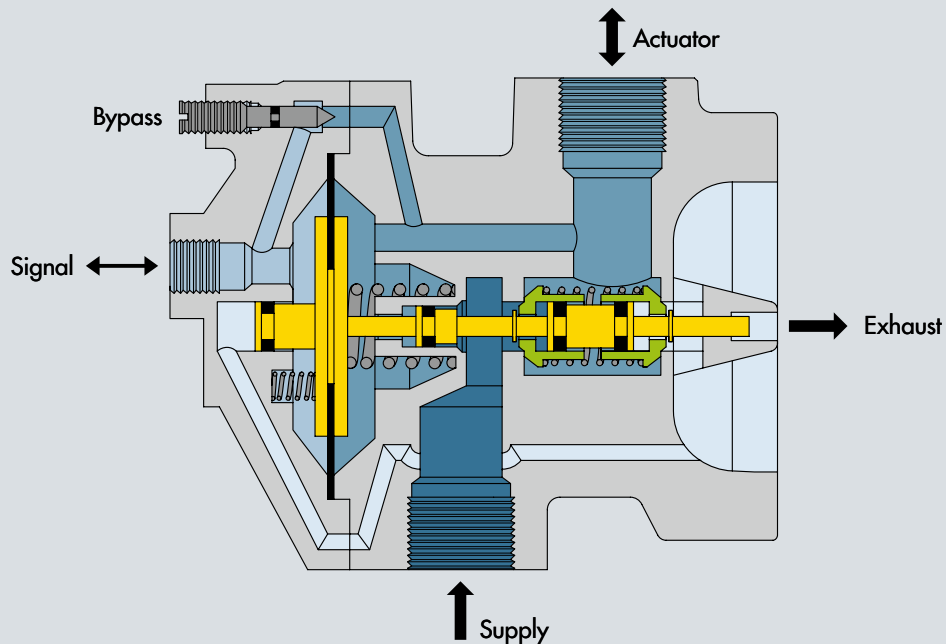
Type 3755 Volume Booster



- Linear characteristic of bypass restriction
- Constant reversing pressure
- Various versions with different dynamics
- Threaded exhaust air connection
- Protective cover



Technical data



Flow coefficients	Filling: K_{VS} 2.5 Venting: K_{VS} 2.5
Control	Signal to output pressure ratio 1:1
Reversing pressure	80 mbar
Permissible ambient temperature	-40 to 80 °C
Pressure	Supply: max. 10 bar Signal (IN): max. 7 bar Output (to actuator, OUT): max. 7 bar
Connecting threads	Supply: DIN ISO 228-1 G $\frac{3}{4}$ or $\frac{3}{4}$ -14 NPT Signal (IN): DIN ISO 228-1 G $\frac{1}{4}$ or $\frac{1}{4}$ -18 NPT Output (to actuator, OUT): DIN ISO 228-1 G $\frac{3}{4}$ or $\frac{3}{4}$ -14 NPT
Exhaust	Sintered filter disc or with flange (DIN ISO 228-1 G or NPT)
Service life	$\geq 1 \times 10^7$ full cycles

