



SAMSON

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Quick and Reliable

Type 3755 Volume Booster

- 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



Control	Pressure ratio 1:1 (signal to output)
Flow coefficients	K_{VS} for exhaust and supply: 2.5 m ³ /h
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 1/4 (optionally 1/4 NPT) Supply air (SUP) and actuator (OUT): G 3/4 (optionally 3/4 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

