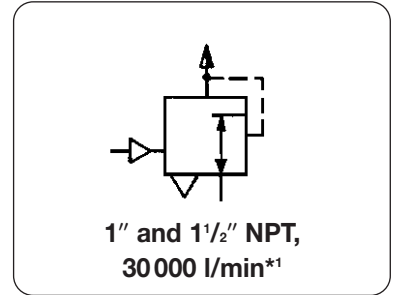


Precision Volume Booster with High Flow Rate

R200 / R201

Description	Volume booster designed for systems requiring both rapid pressure changes and very high volume forward or reverse flows. Combines high flow and exhaust capacity with excellent sensitivity and performance. Recommended for moulding processes and high volume cylinders. Ratio 1:1.		
Supply pressure	max. 17 bar / 250 psi	Outlet pressure:	max. 10 bar / 150 psi
Flow capacity	30000 l/min / 1100 scfm, no air consumption	Sensitivity:	6 mbar / 0.1 psi
Exhaust capacity	1800 l/min / 65 scfm (R200), 9000 l/min / 325 scfm (R201) at above 0.35 bar downstream pressure and 1.4 bar setpoint		
Pressure sensitivity	outlet pressure change < 20 mbar / 0.1 psi for 7 bar / 100 psi supply fluctuation		
Temperature range	-20 °C to 70 °C / -4 °F to 160 °F	Positive bias:	adjustment only on R200
Materials	Body: aluminium die-casting Diaphragm: NBR (Buna N) and Dacron, convoluted	Inner valve: brass, aluminium, plated steel Seals: TFE	



Dimensions	Supply pressure	K _v -value	Flow rate	Connection thread	Order number
height mm	width mm	max. bar	l/min*	G	

Booster with high flow rate					pressure range 0 ... 10 bar no air consumption, ratio 1:1	R200
198	141	17	18.9	28200	G1	R200-08I
198	141	17	25.4	30000	G1 1/2	R200-12I

Booster with high exhaust rate					pressure range 0 ... 10 bar no air consumption, ratio 1:1	R201
240	250	17	25.4	30000	G1 1/2	R201-12I



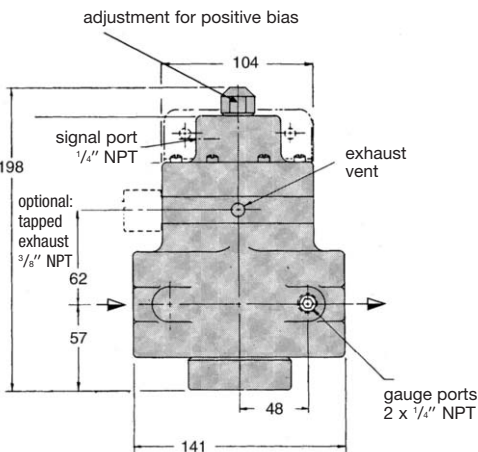
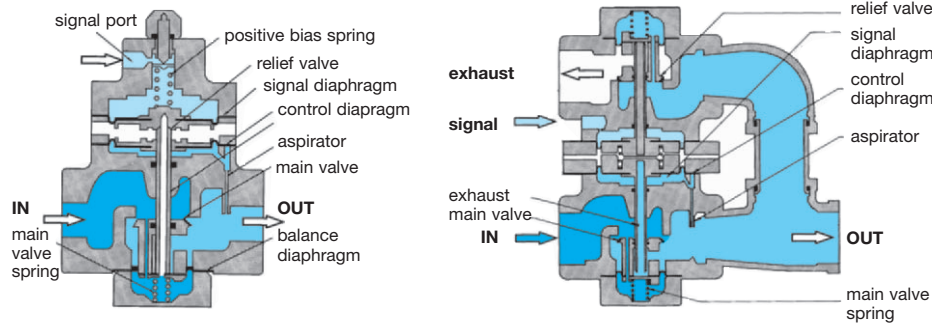
R200-08I

Special options add the appropriate letter

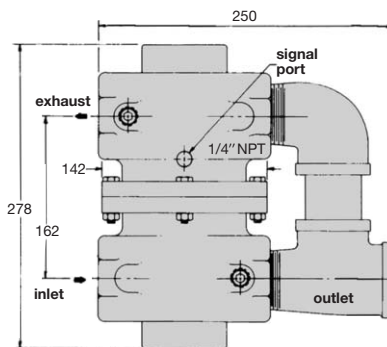
Special option	Description	Model	Accessories
tapped exhaust		only R200	E R200 - . . IE
non-relieving	without constant bleed	only R200	K R200 - . . IK
mounting bracket	SA-R200		X R200 - . . IX
NPT thread			N R200 - . . IN



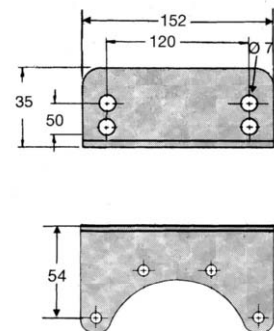
R201-12I



R200



R201



SA-R200

*1 at 10 bar supply pressure and 2.8 bar outlet pressure

*2 at 0.3 bar above outlet pressure

For your information:	1 bar: 14.8 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm

Order example:
R200-08 I