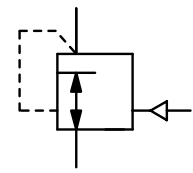


Description	Highly sensitive low pressure volume booster with diaphragm and a 1:1 transmission ratio. Zero shut-off prevents the outlet pressure from increasing when there is no flow circulating.		
Media	compressed air or non-corrosive gases		
Supply pressure	max. 400 mbar at RGDJ-J,	max. 4 bar at RGB4-J	
Pilot pressure	max. 160 mbar at RGDJ-J,	max. 350 mbar at RGB4-J,	pilot port G $\frac{1}{4}$
Air consumption	without constant bleed		
Relieving function	non-relieving		
Accuracy	at maximum volume flow: < 20% pressure deviation of full scale		
Gauge port	G $\frac{1}{4}$ on one side for RGB4-12J, optionally G $\frac{1}{4}$ for all others except RGDJ-04J		
Mounting position	any		
Temperature range	RGDJ-J: -20 °C to 70 °C / -4 °F to 158 °F RGB4J: -15 °C to 60 °C / -4 °F to 140 °F		
Material	Body: aluminium Elastomer: NBR/Buna-N		
	Inner valve: aluminium and plastic		



R $\frac{1}{2}$ " up to R2"
2...55/350 mbar

Dimensions			Nominal size	Kv-value	Flow rate		Connection thread	Pressure range	Order number
A	B	C	DN	(m 3 /h)	m 3 /h*1	l/min*1	R	mbar	
mm	mm	mm							

Low pressure booster P $_1$ max. 400 mbar non-relieving, without constant bleed, transmission ratio 1:1									RGDJ-J
100	120	30	15	0.66	12	200	1/2"	2... 55	RGDJ-04J
125	166	34	20	1.49	27	450	3/4"	5... 160	RGDJ-06J
125	166	34	25	2.6	51	850	1"	5... 160	RGDJ-08J
155	194	45	40	4.9	90	1500	1 1/2"	5... 160	RGDJ-12J
200	219	52	50	6.6	120	2000	2"	5... 100	RGDJ-16J

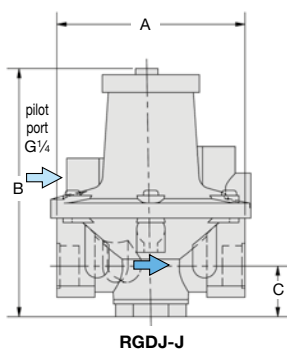
Low pressure booster P $_1$ max. 4 bar non-relieving, without constant bleed, transmission ratio 1:1									RGB4-J
148	174	24	15	0.62	42	700	1/2"	5... 350	RGB4-04J
192	230	33	25	2.5	168	2800	1"	5... 350	RGB4-08J
150	265	55	40	5	336	5600	1 1/2"	5... 350	RGB4-12J

Special options, add the appropriate letter

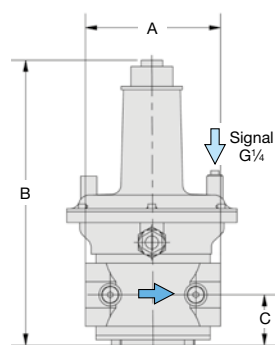
connection thread G $\frac{1}{4}$ for pressure gauge not for RGDJ-04J RG...M

Accessories, enclosed

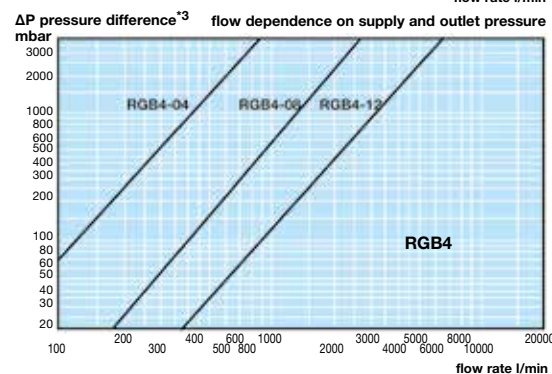
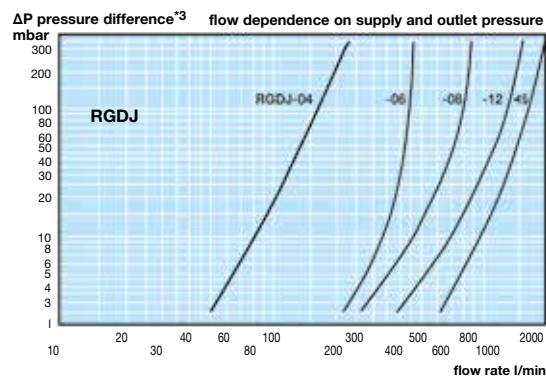
pressure gauge Ø 63 mm, 0...*2 mbar, G $\frac{1}{4}$ for R $\frac{3}{4}$ " up to R2" MA6302-...*2



RGDJ-J



RGB4-J



*1 bei 350 mbar Eingangsdruck und 100 mbar Ausgangsdruck
*2 B6 = 0...60 mbar, C2 = 0...160 mbar, C4 = 0...400 mbar

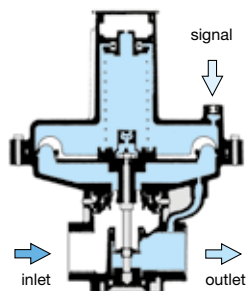
*3 $\Delta P = P_1 - P_2$ Druckdifferenz von Eingangsdruck und Ausgangsdruck

Gauges: see chapter for measuring devices

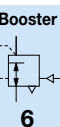
PDF CAD
www.aircom.net



Order example:
RGDJ-04J



cross section RGB4-J



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