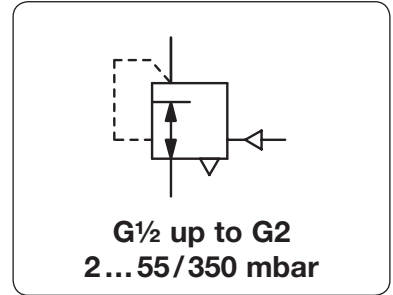


Low Pressure Volume Booster up to 350 mbar

RGDJ-J / RGB4-J

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. 100 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	not available, optionally G $\frac{1}{4}$ on one side of the body from regulator size G $\frac{3}{4}$ on		
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		



Dimensions			Nominal size	K _v value	Flow rate		Connection thread	Pressure range	Order number
A	B	C	DN	(m ³ /h)	m ³ /h*1	l/min*1	G	mbar	

Low pressure booster									
supply pressure max. 400 mbar, non-relieving, without constant bleed, transmission ratio 1:1									
100	120	30	15	0.66	12	200	G $\frac{1}{2}$	2... 55	RGDJ-04J
134	166	34	20	1.49	27	450	G $\frac{3}{4}$	5... 100	RGDJ-06J
134	166	34	25	2.6	51	850	G1	5... 100	RGDJ-08J
185	194	45	40	4.9	90	1500	G1 $\frac{1}{2}$	5... 100	RGDJ-12J
234	219	52	50	6.6	120	2000	G2	5... 100	RGDJ-16J

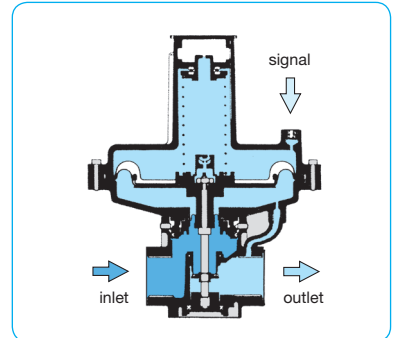
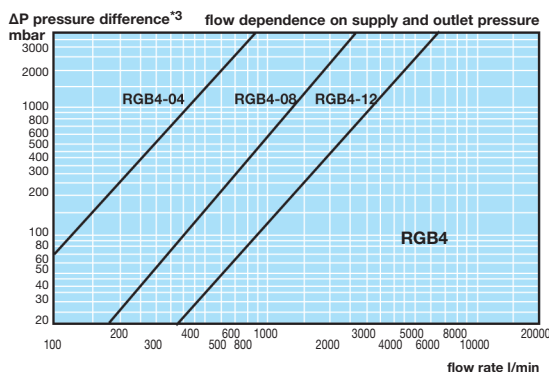
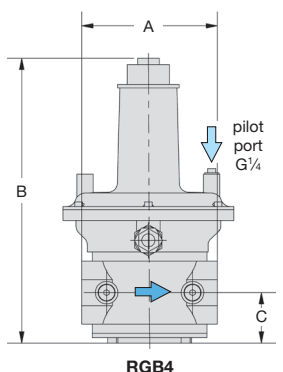
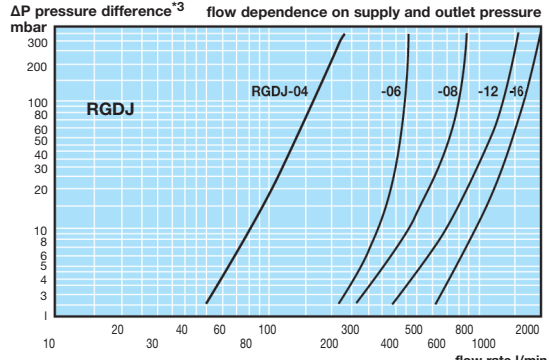
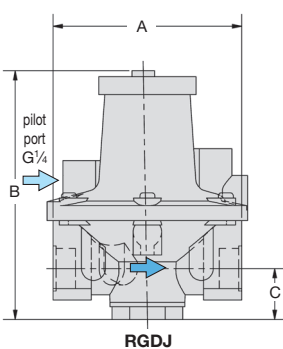


Low pressure booster									
supply pressure max. 4 bar, non-relieving, without constant bleed, transmission ratio 1:1									
132	174	24	15	0.62	42	700	G $\frac{1}{2}$	5... 350	RGB4-04J
190	230	33	25	2.5	168	2800	G1	5... 350	RGB4-08J
190	265	55	40	5	336	5600	G1 $\frac{1}{2}$	5... 350	RGB4-12J



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 G $\frac{3}{4}$ up to G2 **MA6302-..*2**



*1 at 350 mbar supply pressure and 100 mbar outlet pressure
 *2 B6 = 0...60 mbar, C2 = 0...160 mbar, C4 = 0...400 mbar
 *3 ΔP= P₁ - P₂ Pressure difference between supply and outlet pressure