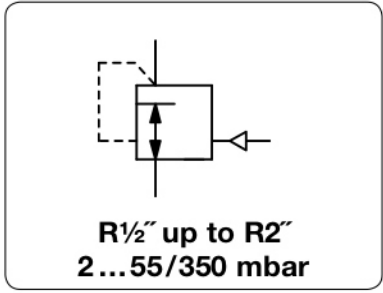


# RGDJ-J - RGB4-J - Régulateur piloté en pression, pour applications à basse pression, pour gaz et air comprimé

<b>Description</b>	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.		
<b>Media</b>	compressed air or non-corrosive gases		
<b>Supply pressure</b>	max. 400 mbar at RGDJ-J,	max. 4 bar at RGB4-J	
<b>Pilot pressure</b>	max. 100 mbar at RGDJ-J,	max. 350 mbar at RGB4-J,	pilot port G $\frac{1}{4}$
<b>Air consumption</b>	without constant bleed		
<b>Relieving function</b>	non-relieving		
<b>Accuracy</b>	at maximum volume flow: < 20% pressure deviation of full scale		
<b>Gauge port</b>	not available, optionally G $\frac{1}{4}$ on one side of the body from regulator size G $\frac{3}{4}$ on		
<b>Mounting position</b>	any		
<b>Temperature range</b>	RGDJ-J: -20 °C to 70 °C / -4 °F to 158 °F	RGB4J: -15 °C to 60 °C / -4 °F to 140 °F	
<b>Material</b>	Body: aluminium	Elastomer: NBR/Buna-N	
	Inner valve: aluminium and plastic		



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 ration 1:1					RGDJ-J
100	120	30	15	0.66	12	200	$\frac{1}{2}$ "	2 ... 55	RGDJ-04J
134	166	34	20	1.49	27	450	$\frac{3}{4}$ "	5 ... 160	RGDJ-06J
134	166	34	25	2.6	51	850	1"	5 ... 160	RGDJ-08J
185	194	45	40	4.9	90	1500	1 $\frac{1}{2}$ "	5 ... 160	RGDJ-12J
234	219	52	50	6.6	120	2000	2"	5 ... 100	RGDJ-16J

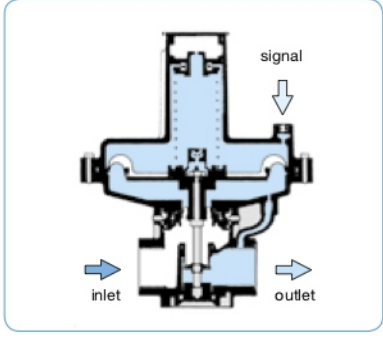
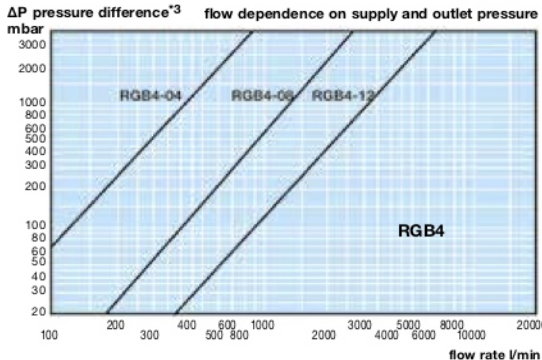
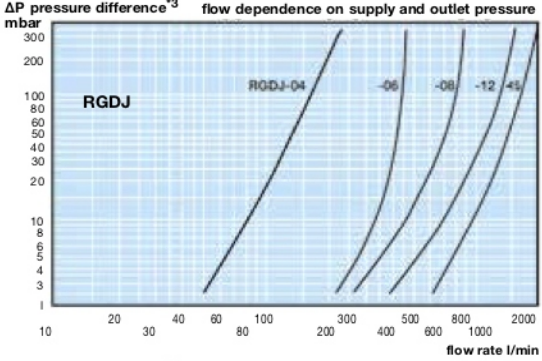
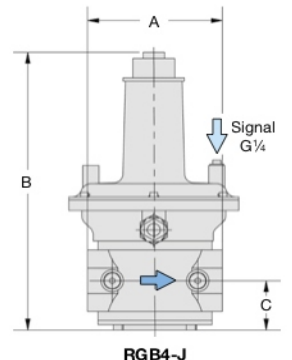
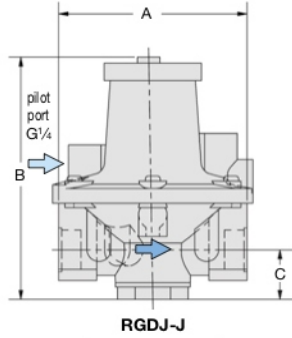


Low pressure booster			$P_1$ max. 4 bar	non-relieving, without constant bleed, transmission ration 1:1					RGB4-J
132	174	24	15	0.62	42	700	$\frac{1}{2}$ "	5 ... 350	RGB4-04J
190	230	33	25	2.5	168	2800	1"	5 ... 350	RGB4-08J
190	265	55	40	5	336	5600	1 $\frac{1}{2}$ "	5 ... 350	RGB4-12J



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



\*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

