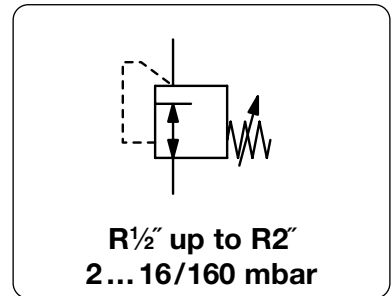


# LOW PRESSURE REGULATOR, SUPPLY PRESSURE MAX. 400 MBAR

**RGDJ**

<b>Description</b>	Highly sensitive low pressure regulator with inlet pressure compensation for high precision regulation. Zero shut-off prevents outlet pressure from increasing.	
<b>Media</b>	compressed air or non-corrosive gases, dryly biogas H <sub>2</sub> S < 200 ppm	
<b>Supply pressure</b>	max. 400 mbar	
<b>Air consumption</b>	without constant bleed	
<b>Adjustment</b>	manual by turning the spindle under the cover of the spring cage	
<b>Relieving function</b>	non-relieving	
<b>Accuracy</b>	at maximum volume flow: < 20% FS pressure deviation	
<b>Gauge port</b>	none as standard, optionally gauge port G $\frac{1}{4}$ on one side from size R $\frac{3}{4}$ on	
<b>Mounting position</b>	any, preferably bonnet upwards	
<b>Temperature range</b>	-20 °C to 70 °C / -4 °F to 158 °F	
<b>Material</b>	Body: aluminium Elastomer: NBR/Buna-N	Inner valve: aluminium and plastic



Dimensions			Nominal size	K <sub>v</sub> -value	Flow rate		Connection thread	Pressure range	Order number
A	B	C	DN	(m <sup>3</sup> /h)	m <sup>3</sup> /h*1	l/min*1	R	mbar	

Low pressure regulator									supply pressure max. 400 mbar, non-relieving	RGDJ
100	120	30	15	0.66	12	200	1/2"	2 ... 16	10 ... 20	RGDJ-04A RGDJ-04B RGDJ-04C RGDJ-04D RGDJ-04E
134	166	34	20	1.49	27	450	3/4"	5 ... 15	12 ... 25	RGDJ-06A RGDJ-06B RGDJ-06C RGDJ-06D RGDJ-06E RGDJ-06G RGDJ-06I RGDJ-06L
134	166	34	25	2.6	51	850	1"	5 ... 15	12 ... 25	RGDJ-08. pressure range see R3/4
185	194	45	40	4.9	90	1500	1 1/2"	5 ... 15	12 ... 25	RGDJ-12A RGDJ-12B RGDJ-12C RGDJ-12D RGDJ-12E RGDJ-12G RGDJ-12I RGDJ-12L
234	219	52	50	6.6	120	2000	2"	5 ... 15	12 ... 25	RGDJ-16A RGDJ-16B RGDJ-16C RGDJ-16D RGDJ-16E RGDJ-16G RGDJ-16I

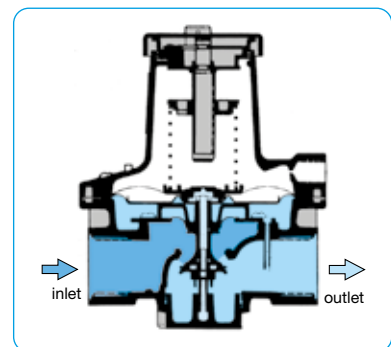
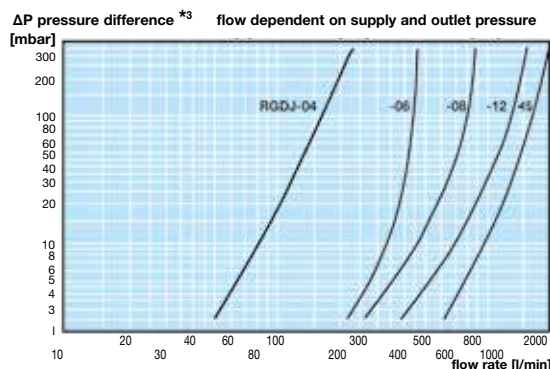
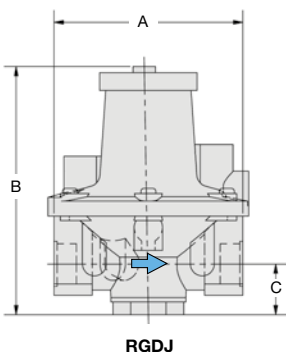


## Special options, add the appropriate letter

Connection thread G $\frac{1}{4}$  for pressure gauge not for R $\frac{1}{2}$ " RGDJ - . . . M

## Accessories, enclosed

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



\*1 at 350 mbar supply pressure and 100 mbar outlet pressure  
\*2 B6 = 0...60 mbar, C2 = 0...160 mbar

\*3 ΔP = P<sub>1</sub> - P<sub>2</sub>, difference between supply and outlet pressure

Gauges: see chapter for measuring devices

PDF CAD  
www.aircom.net

Order example:  
RGDJ-04A