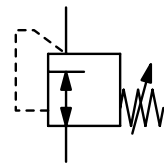


Description	Highly sensitive low pressure regulator with inlet pressure compensation for high precision regulation. Zero shut-off prevents outlet pressure from increasing.		
Media	compressed air or non-corrosive gases, dryly biogas H ₂ S < 200 ppm		
Supply pressure	max. 400 mbar		
Air consumption	without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



R $\frac{1}{2}$ " up to R2"
2... 16/160 mbar

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	R	mbar	
mm	mm	mm							

Low pressure regulator									RGDJ
supply pressure max. 400 mbar, non-relieving									
100	120	30	15	0.66	12	200	1/2"	2... 16	RGDJ-04A
								10... 20	RGDJ-04B
								16... 28	RGDJ-04C
								22... 40	RGDJ-04D
								40... 55	RGDJ-04E
134	166	34	20	1.49	27	450	3/4"	5... 15	RGDJ-06A
								12... 25	RGDJ-06B
								22... 35	RGDJ-06C
								30... 50	RGDJ-06D
								45... 65	RGDJ-06E
								60... 80	RGDJ-06G
								75... 100	RGDJ-06I
								100... 160	RGDJ-06L
134	166	34	25	2.6	51	850	1"	pressure range see R3/4	RGDJ-08.
185	194	45	40	4.9	90	1500	1 1/2"	5... 15	RGDJ-12A
								12... 25	RGDJ-12B
								22... 35	RGDJ-12C
								30... 50	RGDJ-12D
								45... 65	RGDJ-12E
								60... 80	RGDJ-12G
								75... 100	RGDJ-12I
								100... 160	RGDJ-12L
234	219	52	50	6.6	120	2000	2"	5... 15	RGDJ-16A
								12... 25	RGDJ-16B
								22... 35	RGDJ-16C
								30... 50	RGDJ-16D
								45... 65	RGDJ-16E
								60... 80	RGDJ-16G
								75... 100	RGDJ-16I



RGDJ-04



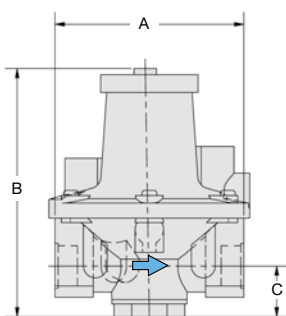
RGDJ-12

Special options, add the appropriate letter

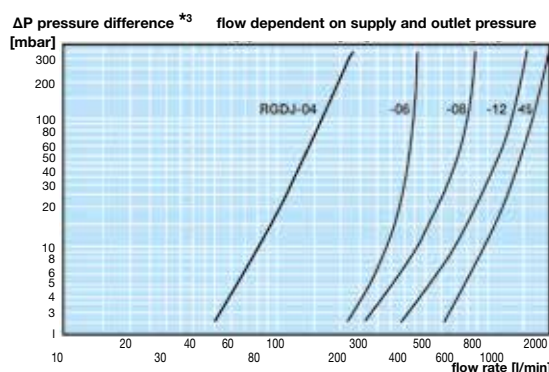
Connection thread G $\frac{1}{4}$ for pressure gauge not for R $\frac{1}{2}$ " RGDJ-... M

Accessories, enclosed

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



RGDJ



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

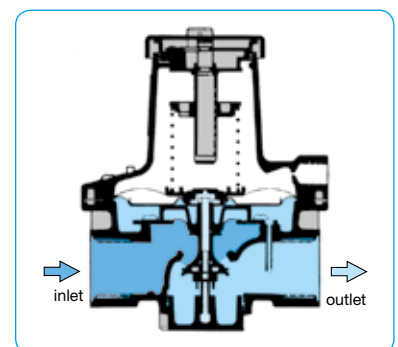
*3 $\Delta p = P_1 - P_2$, difference between supply and outlet pressure

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net



Order example:
RGDJ-04A



cross-section