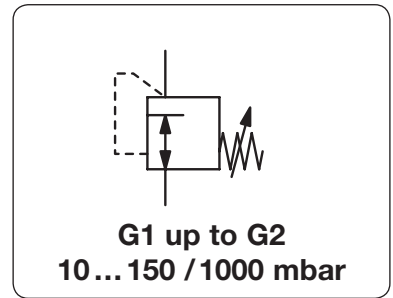


Description	Highly sensitive diaphragm low pressure volume booster with excellent regulating characteristics.		
Media	compressed air or non-corrosive gases		
Supply pressure	max. 20 bar depending on the accuracy: the smaller P ₁ , the higher the accuracy max. 10 bar at pressure range < 150 mbar		
Accuracy	at max. flow rate	< e.g. 10% pressure deviation of full scale	
Air consumption	without constant bleed		
Adjustment	manual by turning the spindle under the cover of the spring cage		
Relieving function	non-relieving, optionally relieving		
Gauge port	not available	Mounting position	any
Temperature range	-20 °C bis 60 °C / -4 °F to 140 °F		
Material	Body: SG cast iron GGG50, GGG40 at G2	Elastomer:	NBR/Buna-N, optionally FKM
	Spring cage: aluminium	Inner valve:	brass and stainless steel



Dimensions			Accuracy	Nominal size	Flow rate	Supply max.	Connection thread	Pressure range	Order number
A	B	C	%	DN	l/min*1	bar*2	G	mbar	

Low pressure volume booster						supply max. 20 bar, non-relieving	RZ-J		
100	245	30	10	17	1800	10	G1	13 ... 150	RZ1-08J
			5			20		150 ... 1000	RZ3-08J
130	250	30	10	17	2700	10	G1½*3	13 ... 150	RZ1-12J
			5			20		150 ... 1000	RZ3-12J
200	385	45	10	34	15000	10	G2	10 ... 350	RZ1-16JF
			5			20		350 ... 1000	RZ2-16JF



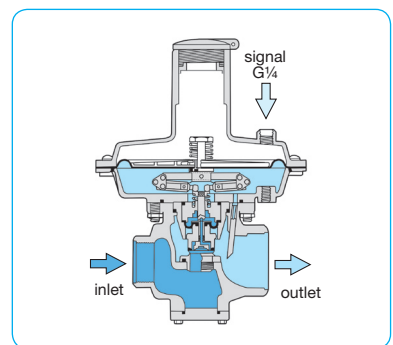
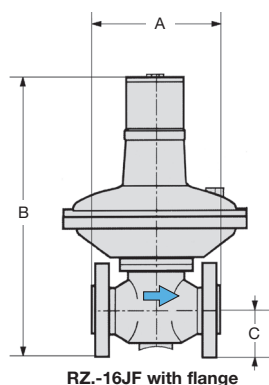
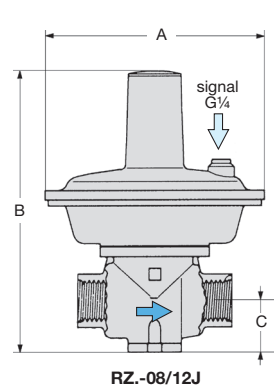
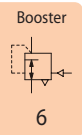
RZ1-08J

Special options, add the appropriate letter

relieving								RZ R
FKM elastomer								RZ V
flange connection		see chapter for SST devices / flanges			(not for RZ.-16J)			RZ F.
nitrogen	N ₂ :	07	carbon dioxide	CO ₂ :	03	argon	Ar:	RZ 05
helium	He:	09	hydrogen	H ₂ :	11	methane	CH ₄ :	RZ 13
oxygen	O ₂ :	15	propane	C ₃ H ₈ :	16	nitrous oxide	N ₂ O:	RZ 17



RZ1-16JF



*1 at 4 bar supply pressure and max. outlet pressure *2 see description above *3 G1 thread at inlet