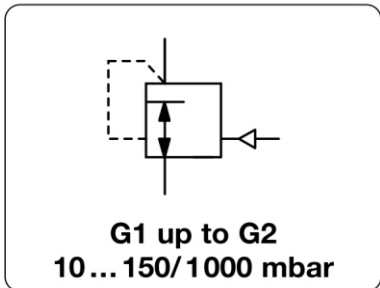


RZ-J - Régulateur piloté basse pression, booster, pour air comprimé et gaz neutres : oxygène, argon, dioxyde de carbone, hélium, hydrogène, méthane, propane, protoxyde d'azote

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		
Pilot pressure	max. 1000 mbar		
Air consumption	without constant bleed		
Relieving function	non-relieving, optionally relieving		
Accuracy	at max. flow rate < e.g. 10% pressure deviation of full scale		
Adjustment	manual by turning the spindle under the cover of the spring cage		
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	Inner valve: brass and stainless steel



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

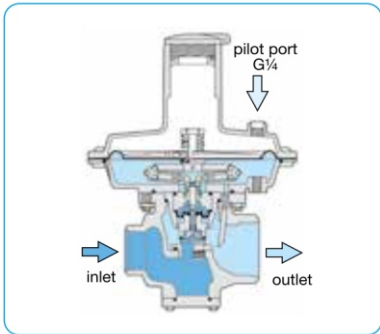
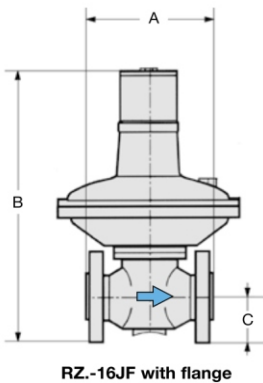
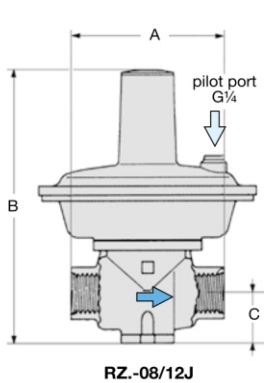
Low pressure volume booster										supply max. 20 bar, non-relieving, 1:1 transmission ratio	RZ-J
100	245	30	10	17	1800	10	G1	15 ... 110	RZ1-08J		
			5		3300	20		180 ... 1000	RZ3-08J		
100	245	30	10	17	2700	10	G1½*3	15 ... 110	RZ1-12J		
			5		5000	20		180 ... 1000	RZ3-12J		
254	460	80	10	34	15000	10	G2	10 ... 350	RZ1-16JF		
			5		28000	20		350 ... 1000	RZ2-16JF		



Special options, add the appropriate letter

relieving	with relieving function	RZ .- . . . R
FKM elastomer		RZ .- . . . V
flange connection	according to EN-1092-1 or ASME B16.5 on request (not for RZ.-16J)	RZ .- . . . F
carbon dioxide	CO ₂	RZ .- . . . 03
argon	Ar	RZ .- . . . 05
nitrogen	N ₂	RZ .- . . . 07
helium	He	RZ .- . . . 09
hydrogen	H ₂	RZ .- . . . 11
methane	CH ₄	RZ .- . . . 13
oxygen	O ₂	RZ .- . . . 15
propane	C ₃ H ₈	RZ .- . . . 16
nitrous oxide	N ₂ O	RZ .- . . . 17

up to 16 bar



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

