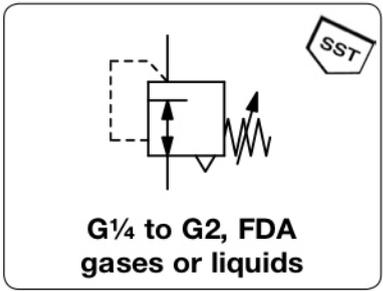


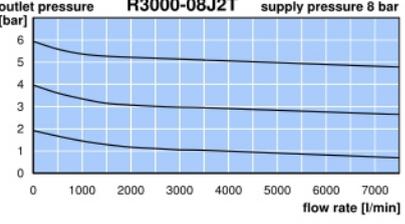
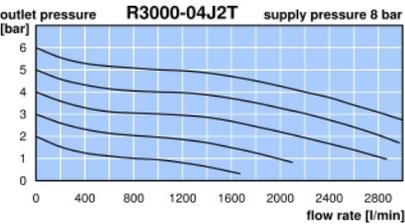
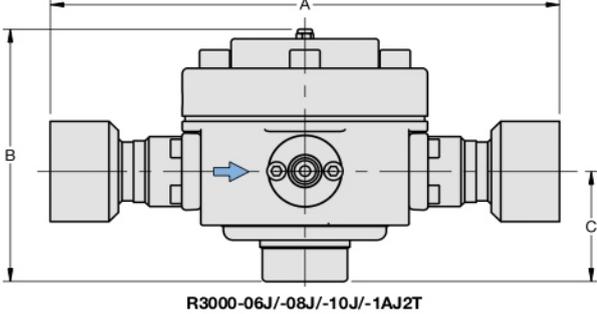
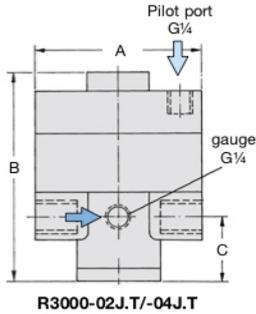
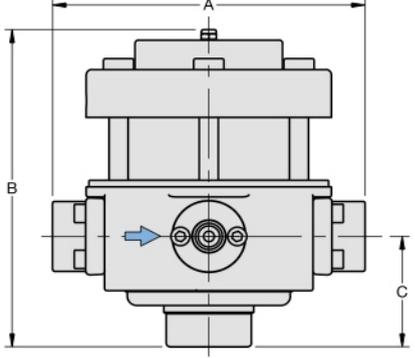
R3000J - Régulateur de pression piloté en pression, booster, amplificateur de débit d'air en acier inoxydable 316L, pour gaz et liquides

Description	Volume booster made of stainless steel throughout, without constant bleed, transmission ratio 1:1.	
Media	compressed air, gases or liquids	
Supply pressure	max. 60 bar for R3000-06J/-1A, max. 30 bar for -16J, all others 50 bar, for liquids $\Delta p_{max} = 25$ bar	
Pilot pressure	max. 15 bar for R3000-..J2, max. 50 bar for R3000-..J5,	pilot port G $\frac{1}{4}$
Relieving function	non-relieving, optionally relieving	
Exhaust	DN 2, optionally DN 4	
Gauge port	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied	Mounting position any
Temperature range	0 °C to 80 °C / 32 °C to 176 °F for FKM or EPDM 0 °C to 130 °C / 32 °C to 266 °F for high temperature version for appropriately conditioned compressed air down to -20 °C / -4 °F or low temperature version down to -40 °C / -40 °F	
Material	Body: stainless steel 316L, material no. 1.4404 Diaphragm: NBR/Buna-N with PTFE coating, optionally SST	O-rings: FKM, optionally EPDM Inner valve: SST 316L, W.-Nr. 1.4404



Dimensions	Regulating System	K _v	Flow rate	Connection thread	Pilot pressure	Pressure range	Order number
A B C	D: Diaphragm P: Piston	value (m ³ /h)	m ³ /h*1 l/min*1	G	max. bar	bar	

Stainless steel booster				supply pressure max. 60 bar, non-relieving, ratio 1:1, PTFE-diaphragm and FKM-o-ring			R3000-J			
64	79	38	D	0.5	30	500	G $\frac{1}{4}$	15	1...15	R3000-02J2T
64	92	38	P					50	1...50	R3000-02J5T
80	86	38	D	1.0	72	1200	G $\frac{1}{2}$	15	1...15	R3000-04J2T
80	107	38	P					50	1...50	R3000-04J5T
165	138	60	D	6.0	390	6500	G $\frac{3}{4}$	15	1...15	R3000-06J2T
165	173	60	P					60	1...60	R3000-06J5T
165	138	60	D	6.0	390	6500	G1	15	1...15	R3000-08J2T
165	173	60	P					60	1...60	R3000-08J5T
269	138	60	D	6.0	390	6500	G1 $\frac{1}{4}$	15	1...15	R3000-10J2T
269	173	60	P					60	1...60	R3000-10J5T
269	138	60	D	6.0	390	6500	G1 $\frac{1}{2}$	15	1...15	R3000-1AJ2T
269	173	60	P					60	1...60	R3000-1AJ5T
171	237	128	P	12.0	840	14000	G1 $\frac{1}{2}$	50	1...50	R3000-12J5T
171	237	128	P	12.6	900	15000	G2	50	1...50	R3000-B6J5T
171	268	128	P	21.0	1500	25000	G2	15	1...15	R3000-16J2T

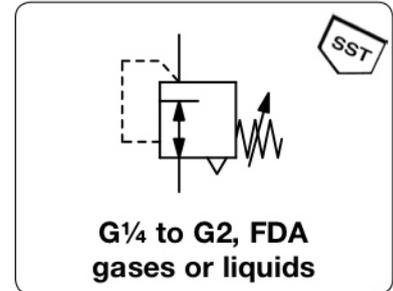


*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop
*2 02 = 0...2.5 bar, 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar, 16 = 0...16 bar, 60 = 0...60 bar



R3000J - Régulateur de pression piloté, booster, amplificateur de débit d'air en acier inoxydable 316L, pour gaz et liquides

Description	Volume booster made of stainless steel throughout, without constant bleed, transmission ratio 1:1.		
Media	compressed air, gases or liquids		
Supply pressure	max. 60 bar for R3000-06J/-08J, all others 50 bar,	for liquids $\Delta p_{max} = 25$ bar	
Pilot pressure	max. 15 bar for R3000-...J2, max. 50 bar for R3000-...J5,	Steueranschluss G $\frac{1}{4}$	
Relieving function	non-relieving, optionally relieving		
Exhaust	DN 2, optionally DN 4		
Gauge port	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied	Mounting position	any
Temperature range	0 °C to 80 °C / 32 °C to 176 °F for FKM or EPDM 0 °C to 130 °C / 32 °C to 266 °F for high temperature version for appropriately conditioned compressed air down to -20 °C / -4 °F or low temperature version down to -40 °C / -40 °F		
Material	Body: stainless steel 316L, material no. 1.4404 Diaphragm: NBR/Buna-N with PTFE coating, optionally SST	O-rings: FKM, optionally EPDM Inner valve: SST 316L, W.-Nr. 1.4404	



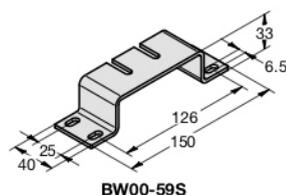
Dimensions			Regulating System	K _v -value	Flow rate	Connection thread	Pilot pressure	Pressure range	Order number
A	B	C	D: Diaphragm	P: Piston	(m ³ /h)	G	max. bar	bar	
mm	mm	mm			m ³ /h*1				

Special options, add the appropriate letter

diaphragm relieving		for R3000-02J2 to -08J2	R3000-...J2.R
piston relieving		for R3000-...J5	R3000-...J.R
down to -40 °C/ -40°F	low temperature version		R3000-...J.X51
up to 130 °C/266 °F	high temperature version		R3000-...J.X54
FKM -o-ring	for piston regulator or PTFE diaphragm		R3000-...J.T
EPDM-o-ring			R3000-...J.TE
EPDM-o-ring	FDA-approval		R3000-...J.TD
SST diaphragm	FKM -o-ring		R3000-...J.S
	EPDM-o-ring		R3000-...J.SE
tapped exhaust			R3000-...J.X12
ammonia	NH ₃		R3000-...J.O2
carobon dioxide	CO ₂		R3000-...J.O3
argon	Ar		R3000-...J.O5
nitrogen	N ₂		R3000-...J.O7
helium	He		R3000-...J.O9
hydrogen	H ₂		R3000-...J.O11
methane	CH ₄		R3000-...J.O13
natural gas *3			R3000-...J.O14
oxygen	O ₂		R3000-...J.O15
propane	C ₃ H ₈		R3000-...J.O16
nitrous oxide	N ₂ O		R3000-...J.O17
water	H ₂ O		R3000-...J.O18
flange connection	see end of the chapter / flanges		R3000-...J.F.

Accessories, enclosed

pressure gauge	Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$	for G $\frac{1}{4}$ and G $\frac{1}{2}$	MS5002-...*2
	Ø 63 mm, 0...*2 bar, G $\frac{1}{4}$	for G $\frac{3}{4}$ to G2	MS6302-...*2
mounting bracket		for G $\frac{3}{4}$ and G1	BW00-59S



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop *3 without DVGW-approval
*2 02 = 0...2.5 bar, 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar, 16 = 0...16 bar, 60 = 0...60 bar