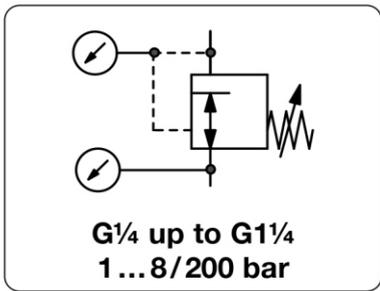


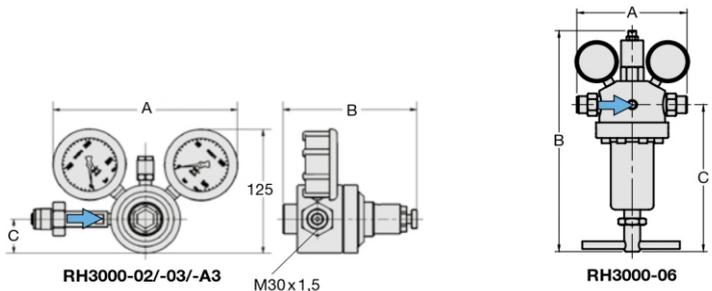
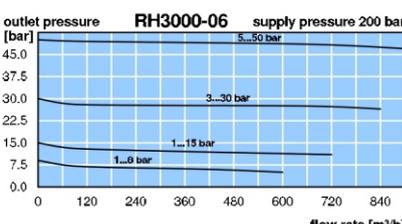
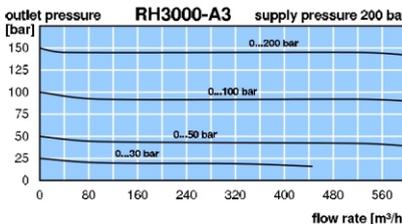
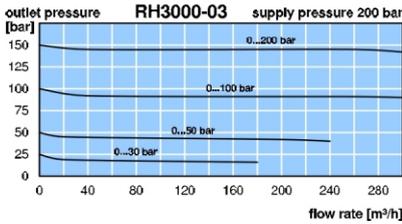
RH3000 - Mano-détendeur pour gaz haute pression en bouteille, corps en acier inoxydable 316, avec clapet de sécurité

Description	Hand-operated, spring-loaded high pressure regulator for maximum supply pressure of 220 bar and maximum outlet pressure of 200 bar. For outlet pressures up to 15 bar the regulator has a diaphragm, for higher outlets a piston. A sintered bronze filter at the inlet port protects against contamination, compressed air or non-corrosive gases	
Media	max. 220 bar	
Supply pressure	by hexagon head screw at RH3000-02 to -A3; T-handle at RH3000-06 to -10, with locknut	
Adjustment	All regulators are equipped with both one supply pressure gauge and one outlet pressure gauge.	
Gauge port	prevents from overpressure, see chart	
Relief valve	All regulators are equipped with supply pressure variation compensation, so that a change in supply pressure has no effect on the outlet pressure's stability.	
Compensation	-20 °C to 60 °C / -4 °F to 140 °F	
Temperature range	Material	Mounting position any
	Body: stainless steel 316	Filter: stainless steel 316
	Diaphragm: stainless steel 316	Valve seat: FKM
	O-ring: FKM / PTFE	Piston: stainless steel 316



Dimensions			Relief valve	K _v -value	Flow rate	Connection thread	Pressure range	Order number
A	B	C						
mm	mm	mm	S: with valve	(m ³ /h)	m ³ /h*1	l/min*1	inlet/outlet	bar

High pressure regulator 220 bar							non-relieving, for compressed air with supply and outlet pressure gauges		RH3000	
170	159	32	S	0.05	30	500	DIN 477 / G1/4 f	1 ... 8	RH3000-02A	
			S		45	750		1 ... 15	RH3000-02B	
170	172	32	S		60	1000		3 ... 30	RH3000-02C	
			S		60	1000		5 ... 50	RH3000-02D	
			S		60	1000		10 ... 100	RH3000-02E	
			-		60	1000		20 ... 200	RH3000-02F	
186	172	40	S	0.15	70	1150	DIN 477 / G3/8 f	1 ... 8	RH3000-03A	
			S		155	2580		1,5 ... 15	RH3000-03B	
			S		210	3500		3 ... 30	RH3000-03C	
186	175	46	S		250	4100		5 ... 50	RH3000-03D	
					350	5800		10 ... 100	RH3000-03E	
186	196	40	-		390	6500		20 ... 200	RH3000-03F	
178	241	40	S	0.25	370	6170	G3/4 f / G3/8 f	1 ... 15	RH3000-A3B	
178	244	40	S		460	7700		3 ... 30	RH3000-A3C	
			S		650	10830		5 ... 50	RH3000-A3D	
					680	11300		10 ... 100	RH3000-A3E	
178	196	40	-		700	11670		20 ... 200	RH3000-A3F	
178	241	40	S	0,25	370	6170	G3/4 i / G1/2 i	1 ... 15	RH3000-04B	
178	244	40	S		460	7700		3 ... 30	RH3000-04C	
			S		650	10830		5 ... 50	RH3000-04D	
			-		680	11300		10 ... 100	RH3000-04E	
178	196	40	-		700	11670		20 ... 200	RH3000-04F	
166	345	232	S	1.5	600	10000	G3/4 m / G3/4 m	1 ... 8	RH3000-06A	
			S		720	12000		1 ... 15	RH3000-06B	
166	358	245	S		850	14170		3 ... 30	RH3000-06C	
			S		1000	16670		5 ... 50	RH3000-06D	
			-		1050	17500		10 ... 100	RH3000-06E	

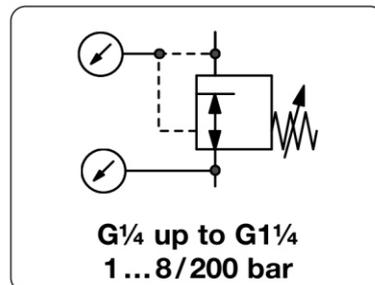


*1 at 200 bar supply pressure and max. outlet pressure



RH3000 - Mano-détendeur pour gaz haute pression en bouteille, corps en acier inoxydable 316, avec clapet de sécurité

Description	Hand-operated, spring-loaded high pressure regulator for maximum supply pressure of 220 bar and maximum outlet pressure of 200 bar. For outlet pressures up to 15 bar the regulator has a diaphragm, for higher outlets a piston. A sintered bronze filter at the inlet port protects against contamination.	
Media	compressed air or non-corrosive gases	
Supply pressure	max. 220 bar	
Adjustment	by hexagon head screw at RH3000-02 to -A3; T-handle at RH3000-06 to -10, with locknut	
Gauge port	All regulators are equipped with both one supply pressure gauge and one outlet pressure gauge.	
Relief valve	prevents from overpressure, see chart	
Compensation	All regulators are equipped with supply pressure variation compensation, so that a change in supply pressure has no effect on the outlet pressure's stability.	
Temperature range	-20 °C to 60 °C / -4 °F to 140 °F	
Material	Body: stainless steel 316 Diaphragm: stainless steel 316 O-ring: FKM / PTFE	Mounting position any Filter: stainless steel 316 Valve seat: FKM Piston: stainless steel 316



Dimensions			Relief valve	K _v -value	Flow rate	Connection thread	Pressure range	Order number
A	B	C	S: with valve	(m ³ /h)	m ³ /h*1	inlet/outlet	bar	

High pressure regulator 220 bar								non-relieving, for compressed air with supply and outlet pressure gauges	RH3000
253	365	242	S	1,8	1100	18330	G1a / G1 a	1 ... 8	RH3000-08A
			S		1300	21670		1 ... 15	RH3000-08B
253	406	278	S	1500	25000			3 ... 30	RH3000-08C
			S	1650	27500			5 ... 50	RH3000-08D
			-	1850	30830			20 ... 200	RH3000-08F
248	370	270	S	3,1	3850	65830	G1a / G1 1/4 i	1 ... 8	RH3000-10A
								1 ... 15	RH3000-10B
								3 ... 30	RH3000-10C
								5 ... 50	RH3000-10D



RH3000-08



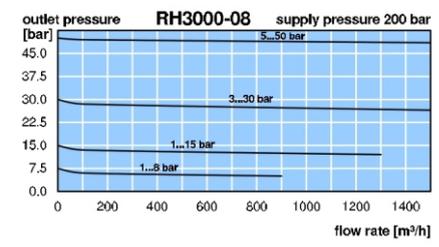
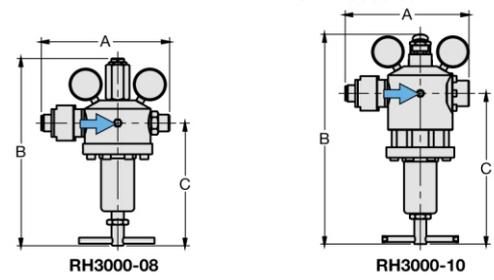
RH3000-10

Special options, add the appropriate letter

diaphragm relieving		RH3000-... R
piston relieving		RH3000-... R
EPDM elastomer		RH3000-... E
for panel mounting	for RH3000-02 to -A3	RH3000-... P
carbon dioxide*2	CO ₂	RH3000-... 03
argon	Ar	RH3000-... 05
nitrogen	N ₂	RH3000-... 07
helium	He	RH3000-... 09
hydrogen	H ₂	RH3000-... 11
methane	CH ₄	RH3000-... 13
natural gas *3		RH3000-... 14
propane	C ₃ H ₈	RH3000-... 16
nitrous oxide	N ₂ O	RH3000-... 17
without cylinder connection		RH3000-... X40

Accessories, enclosed

mounting bracket	for RH3000-02	BW45-03S
mounting nut	for RH3000-02	M45x1,5S
mounting bracket	for RH3000-03 and -A3	BW50-01S
mounting nut	for RH3000-03 and -A3	M50x1,5S
mounting bracket	for RH3000-06	BW00-31S
	for RH3000-08	BW00-35S



*1 at 200 bar supply pressure and max. outlet pressure *2 max. 80 bar *3 without DVGW-approval

