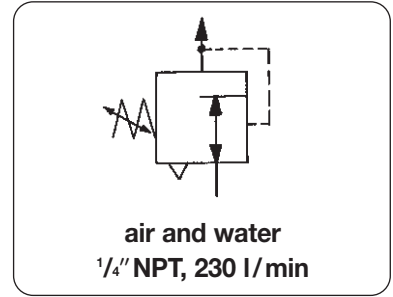




Description	Precision pressure regulator available with brass, aluminium or stainless steel body. Diaphragm with relieving valve and constant bleed for precise regulation. No bleed / relief diaphragm for applications with corrosive or toxic media.		
Supply pressure	max. 14 bar / 200 psi	for brass or aluminium	
	max. 21 bar / 300 psi	for stainless steel	
Flow capacity	230 l/min / 7 scfm	for 10 bar / 150 psi supply and 4 bar / 60 psi set pressure	
Air consumption	< 2 l/min / 0.07 scfm	for regulator with high precision, relieving and constant bleed	
	none	for regulator for liquid, corrosive or toxic media	
Sensitivity	0.5 mbar / 0.2" W.C. (relief bleed). Outlet pressure change of 7 mbar / 0.1 psi for 1.7 bar supply fluctuation		
Temperature range	-30 °C to 66 °C / 150 °F (NBR)	-40 °C to 93 °C / 200 °F (Viton, EPDM / silicon)	
	-50 °C to 180 °C / 360 °F (Ni-Span)	-50 °C to 180 °C / 360 °F (GH10XT1166)	
Body	brass, 316SS		
Bonnet	aluminium, brass, 316SST		
Diaphragm	NBR (Buna N), Teflon/NBR, Ni-Span "C", Teflon/NBR		
Nozzle	brass / SST, 302/303SST, 316SST		
Range spring	cadmium-plated steel or 316SST		



body	Material spring cage	diaphragm	Pressure range bar	Order number
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Precision regulator 1/4" NPT 230 l/min, relieving constant bleed GH10

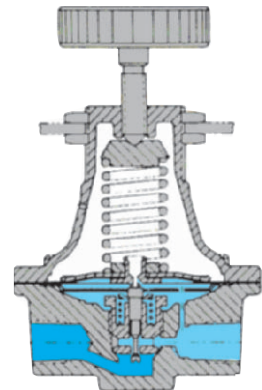
				6	7	8	9	10	11	12	
brass	aluminium	NBR	0...0.20	GH10X	T	H	C	X	X	X	L
			0...0.35	GH10X	T	H	C	X	X	X	A
			0...1.0	GH10X	T	H	C	X	X	X	B
			0...1.7	GH10X	T	H	C	X	X	X	C
			0...2.4	GH10X	T	H	C	X	X	X	D
			0...3.5	GH10X	T	H	C	X	X	X	E
			0...8.6	GH10X	T	H	C	X	X	G	
brass	brass	NBR	all press. ranges	GH10X	T	H	C	X	B	X	
SST 316	brass	Teflon/NBR	all press. ranges*3	GH10X	T	1	0	1	4	.	
SST 316	brass	Teflon/NBR	all press. ranges*3	GH10X	T	2	2	3	0	.	
SST 316	brass	Ni-Span C	0...2.4 or 4.2 bar*3 (F)	GH10X	T	1	1	6	6	.	
SST 316	SST 316	Teflon	all press. ranges	GH10X	T	H	R	X	X	X	
SST 316	SST 316	Teflon	all press. ranges	GH10X	T	H	H	X	S	X	



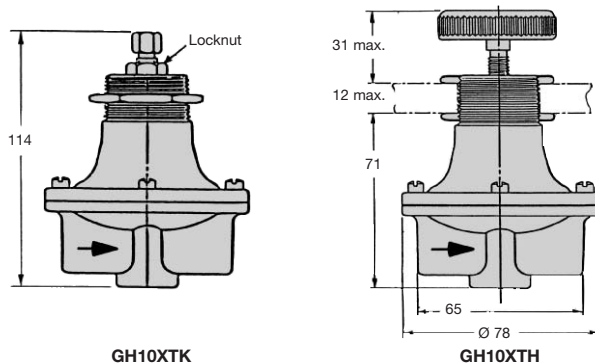
GH10XTH...

Special options add the appropriate letter

6 spring cage with	fixed thread at spring cage as standard	T	GH10X	T	.	.	.	.	.	.
	tapped exhaust 1/8" NPT	A	GH10X	A	.	.	.	.	.	.
7 adjusted with	handwheel, standard	H	GH10X	.	H	.	.	.	.	.
	hexagonal bolt	K	GH10X	.	K	.	.	.	.	.
	tamper-proof	C	GH10X	.	C	.	.	.	.	.
8 diaphragm	NBR const. bleed relieving	C	GH10X	.	.	C	.	.	.	.
	NBR*1 relieving E non-relieving	M	GH10X	.	.	M	.	.	.	.
	Viton*1 relieving J non-relieving	F	GH10X	.	.	F	.	.	.	.
	Teflon*2 const. bleed relieving	R	GH10X	.	.	R	.	.	.	.
	Teflon*1 relieving*2 H non-relieving	A	GH10X	.	.	A	.	.	.	.
	Silicone*1 relieving G non-relieving	B	GH10X	.	.	B	.	.	.	.
	EPDM*1 relieving L non-relieving	N	GH10X	.	.	N	.	.	.	.
	Neoprene*1 relieving D non-relieving	P	GH10X	.	.	P	.	.	.	.
9 valve seat	NBR see above: standard	X	GH10X	.	.	.	X	.	.	.
	Neoprene B Viton	C	GH10X	.	.	.	C	.	.	.
	metal seat, 20 ml/min D consump < 15 ml/min	F	GH10X	.	.	.	F	.	.	.
10 body + spring cage	brass B see above: standard	X	GH10X	.	.	.	.	X	.	.
11 for oxygen	clean A industrial	X	GH10X	.	.	.	.	.	X	.
12 pressure range	see above	A, B, C, D, E, G, L	GH10X	.	.	.	.	.	.	G



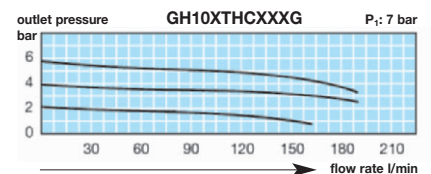
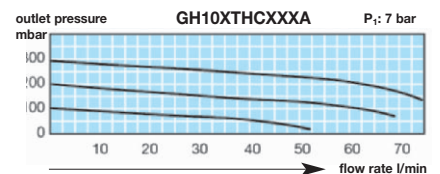
GH10, relieving, with constant bleed



GH10TK

GH10XH

*1 without constant bleed *2 both sides coated *3 non-relieving, no constant bleed



For your information:	1 bar: 14.8 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm



Order example:
GH10THCXXXG