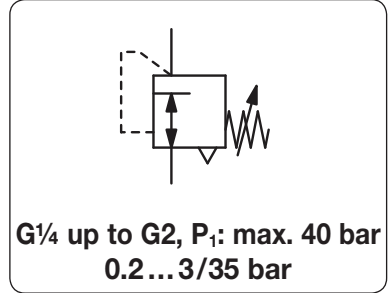


Brass Pressure Regulator up to 40 bar Supply Pressure

R280

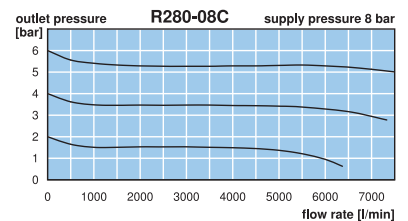
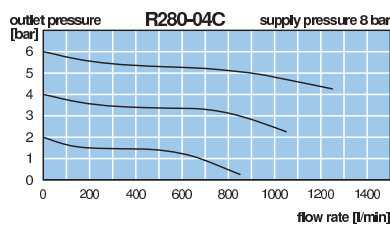
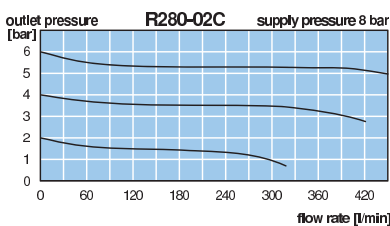
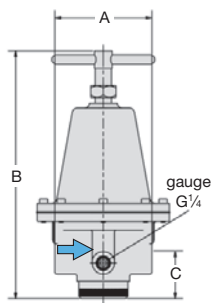
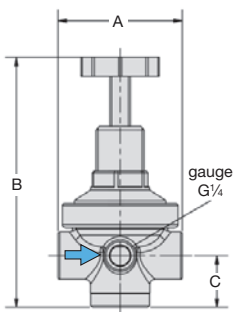
Description	Diaphragm pressure regulator for supply pressure up to 40 bar, of solid design, completely made of brass.
Media	compressed air, non-corrosive gases or liquids. Regulator R280-16 is not suitable for liquids.
Supply pressure	max. 40 bar, for liquids $\Delta P_{max.} = 25$ bar
Adjustment	by handwheel for G $\frac{1}{4}$ and G $\frac{1}{2}$, with locknut by T-handle for G $\frac{3}{4}$ up to G1 $\frac{1}{2}$ by knob for G2 by hexagonal spindle for range 0.5 ... 16/25 bar, up to size G $\frac{1}{2}$ 14 mm A/F, otherwise 19 mm A/F
Relieving function	relieving, optionally non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
Mounting position	any
Temperature range	-10 °C to 90 °C / 14 °F to 194 °F
Material	Body: brass, aluminium die-cast at G2 regulator Elastomer: NBR/Buna-N Inner valve: brass



Dimensions			Pressure adjustment	K _v -value	Flow-rate	Connection thread	Pressure range	Order number
A	B	C	mit	(m ³ /h)	m ³ /h*1	l/min*1	G	bar

Brass pressure regulator supply pressure max. 40 bar, for compressed air relieving, without pressure gauge **R280**

45	104	23	handwheel	0.3	26	430	G $\frac{1}{4}$	0.2 ... 3	R280-02A
								0.2 ... 6	R280-02B
								0.5 ... 10	R280-02C
								0.5 ... 16	R280-02D
								0.5 ... 25	R280-02E
72	145	30	handwheel	0.8	75	1250	G $\frac{1}{2}$	0.2 ... 3	R280-04A
								0.2 ... 6	R280-04B
								0.5 ... 10	R280-04C
								0.5 ... 16	R280-04D
								0.5 ... 25	R280-04E
			hexagonal spindle						
95	216	41	T-handle	4.8	450	7500	G $\frac{3}{4}$ *2	0.2 ... 3	R280-06A
								0.2 ... 6	R280-06B
								0.5 ... 10	R280-06C
								0.5 ... 16	R280-06D
								0.5 ... 25	R280-06E
			hexagonal spindle						
95	216	41	T-handle	5.0	468	7800	G1	0.2 ... 3	R280-08A
								0.2 ... 6	R280-08B
								0.5 ... 10	R280-08C
								0.5 ... 16	R280-08D
								0.5 ... 25	R280-08E
			hexagonal spindle						
128	240	50	T-handle	7.1	660	11000	G1 $\frac{1}{4}$ *2	0.2 ... 3	R280-10A
								0.2 ... 6	R280-10B
								0.5 ... 10	R280-10C
								0.5 ... 16	R280-10D
								0.5 ... 25	R280-10E
			hexagonal spindle						



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

*2 reduced from next bigger thread

