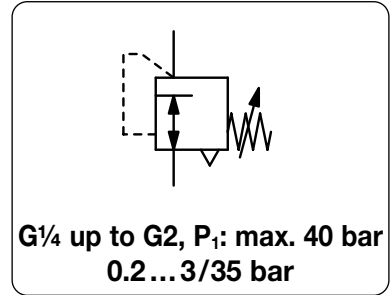
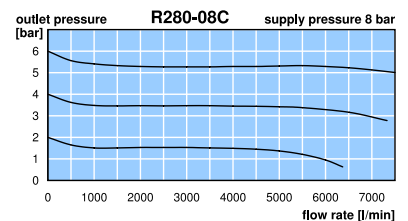
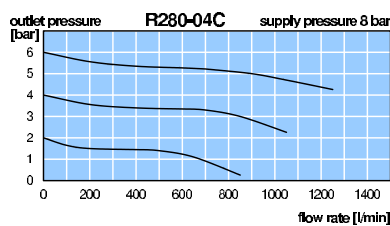
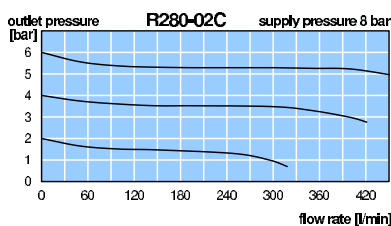
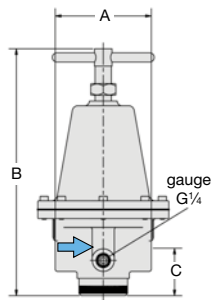
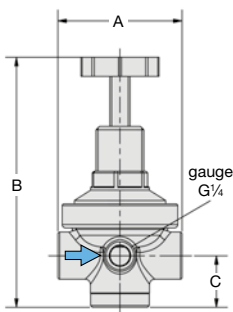


Description	Diaphragm pressure regulator for supply pressure up to 40 bar, of solid design, completely made of brass.
Media	compressed air, non-corrosive gases or liquids. Regulator R280-16 is not suitable for liquids.
Supply pressure	max. 40 bar, for liquids $\Delta P_{max.} = 25$ bar
Adjustment	by 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	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				
95	216	41	T-handle	4.8	450	7500	G $\frac{3}{4}$ *2	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	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				
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	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				



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

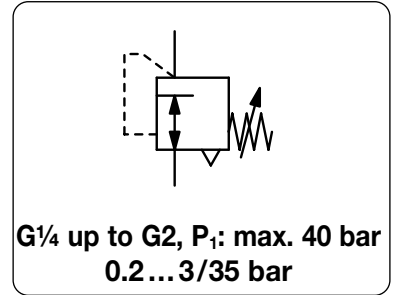
*2 reduced from next bigger thread



BRASS PRESSURE REGULATOR UP TO 40 BAR SUPPLY PRESSURE

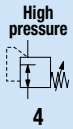
R280

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
Relieving function	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
Gauge port	relieving, optionally non-relieving
Mounting position	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
Temperature range	any
Material	-10 °C to 90 °C / 14 °F to 194 °F 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
114	240	50	T-handle	7.7	720	12000	G1 $\frac{1}{2}$	0.2... 3	R280-12A
								0.2... 6	R280-12B
								0.5... 10	R280-12C
			hexagonal spindle					0.5... 16	R280-12D
								0.5... 25	R280-12E
160	248	78	knob	25.6	2400	40000	G2	0.5... 6	R280-16B
								0.5... 10	R280-16C
								0.5... 16	R280-16D
								0.5... 25	R280-16E
								0.5... 35	R280-16F

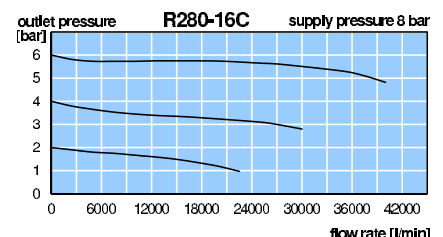
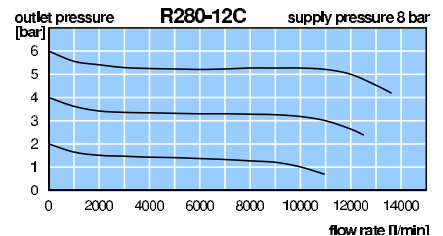
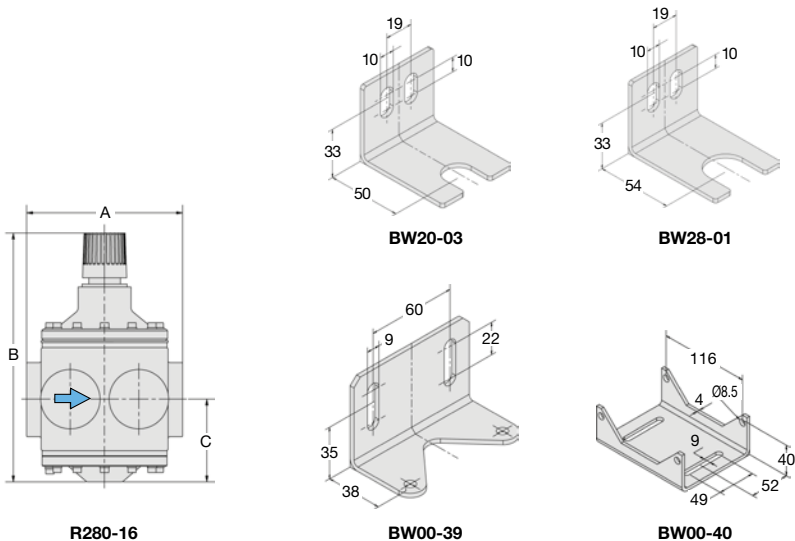


Special options, add the appropriate letter

non-relieving for oxygen	without relieving function specially cleaned, with oxygen grease, max. 60 °C/140 °F up to G1 $\frac{1}{2}$	not for G2	R280-... K R280-... K15
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Accessories, enclosed

pressure gauge	Ø 50 mm, 0... ^{*2} bar, G $\frac{1}{4}$ Ø 50 mm, 0...25 bar, G $\frac{1}{4}$ Ø 63 mm, 0... ^{*2} bar, G $\frac{1}{4}$ Ø 63 mm, 0...25 bar, G $\frac{1}{4}$	for G $\frac{1}{4}$ and G $\frac{1}{2}$ for G $\frac{1}{4}$ and G $\frac{1}{2}$ from G $\frac{3}{4}$ from G $\frac{3}{4}$	MA5002-... ^{*2} MA5002- 25 MA6302-... ^{*2} MA6302- 25
mounting bracket	made of steel	for G $\frac{1}{4}$	BW20-03
mounting nut	made of brass	for G $\frac{1}{4}$	M20x1,5M
mounting bracket	made of steel	for G $\frac{1}{2}$	BW28-01
mounting nut	made of brass	for G $\frac{1}{2}$	M28x1,5M
mounting bracket	made of steel	for G $\frac{3}{4}$ to G1 $\frac{1}{2}$	BW00-39
mounting bracket	made of steel	for G2	BW00-40



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

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example:
R280-12A