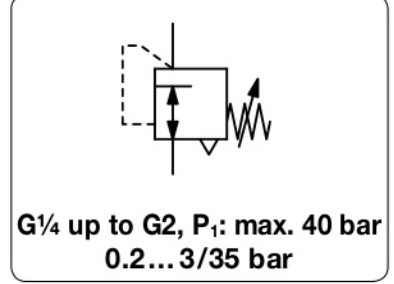


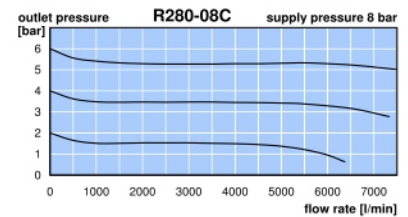
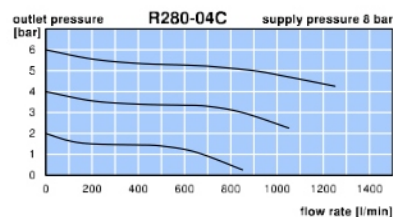
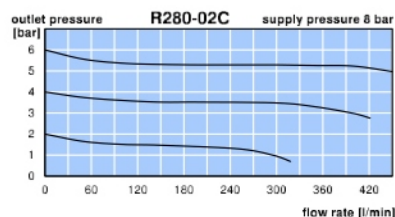
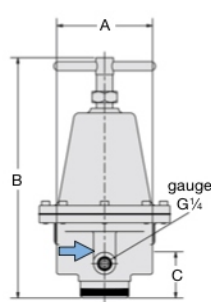
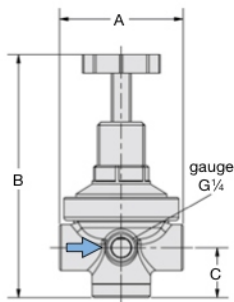
R280 - Régulateur haute pression, 40 bar, polyvalent air, gaz et liquides, avec ou sans décompression automatique, option compatibilité oxygène possible.

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			m 3 /h*1	l/min*1			

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



R280 - Régulateur haute pression, 40 bar, polyvalent air, gaz et liquides, avec ou sans décompression automatique, option compatibilité oxygène possible.

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 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	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
			hexagonal spindle					0.5 ... 10	R280-12C
								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



R280-12
accessory: gauge

Special options, add the appropriate letter

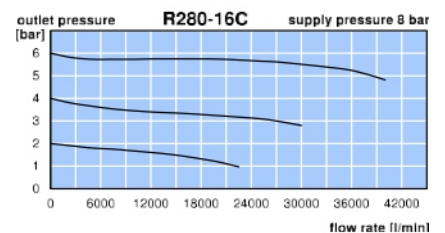
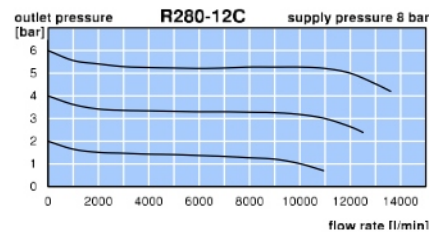
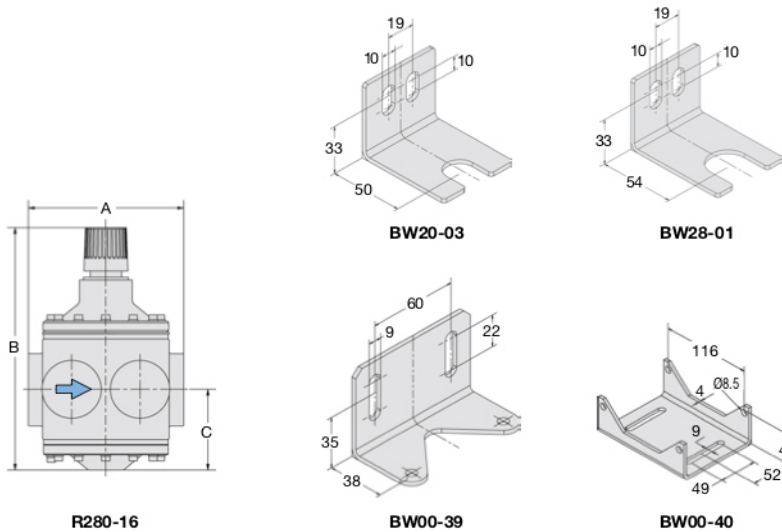
non-relieving for oxygen	without relieving function specially cleaned, with oxygen grease, max. 60 °C/140 °F up to G1 $\frac{1}{2}$	not for G2	R280-... K R280-... K15
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Accessories, enclosed

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



R280-16
accessory: gauge



*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