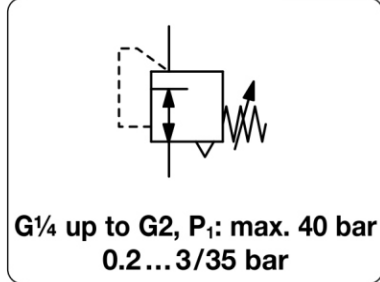


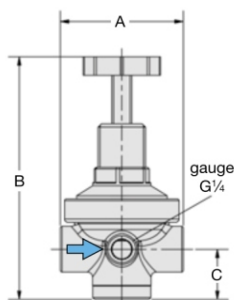
# R280 - Régulateur haute pression, 40 bar, polyvalent air, gaz et liquides, avec ou sans décompression automatique, option compatibilité oxygène possible.

<b>Description</b>	Diaphragm pressure regulator for supply pressure up to 40 bar, of solid design, completely made of brass.
<b>Media</b>	compressed air, non-corrosive gases or liquids. Regulator R280-16 is not suitable for liquids.
<b>Supply pressure</b>	max. 40 bar, for liquids $\Delta p_{max} = 25$ bar
<b>Adjustment</b>	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
<b>Relieving function</b>	relieving, optionally non-relieving
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
<b>Mounting position</b>	any
<b>Temperature range</b>	-10 °C to 90 °C / 14 °F to 194 °F
<b>Material</b>	Body: brass, aluminium die-cast at G2 regulator Elastomer: NBR/Buna-N Inner valve: brass

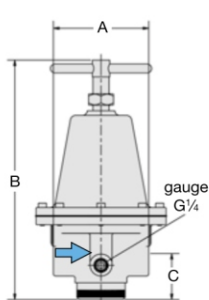


Dimensions			Pressure adjustment	K $_v$ -value	Flow-rate		Connection thread	Pressure range	Order number
A	B	C			m $^3$ /h*	l/min* <sup>1</sup>			

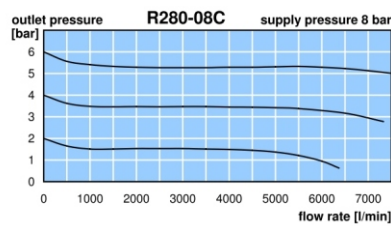
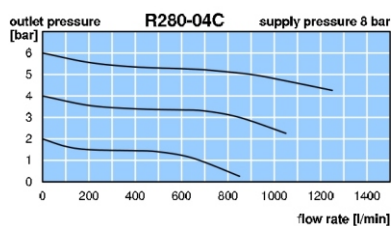
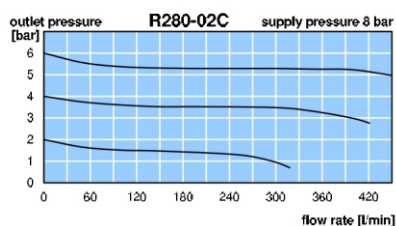
Brass pressure regulator			supply pressure max. 40 bar, for compressed air relieving, without pressure gauge					R280		
45	104	23	handwheel	0.3	26	430	G $\frac{1}{4}$	0.2... 3	R280-02A	
								0.2... 6	R280-02B	
								0.5... 10	R280-02C	
								0.5... 16	R280-02D	
								0.5... 25	R280-02E	
72	145	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 $\frac{3}{4}$ * <sup>2</sup>	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										
83	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 $\frac{1}{4}$ * <sup>2</sup>	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										



R280-02/-04



R280-06/-08/-10/-12

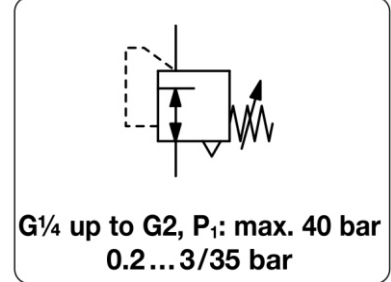


\*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

\*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.

<b>Description</b>	Diaphragm pressure regulator for supply pressure up to 40 bar, of solid design, completely made of brass.
<b>Media</b>	compressed air, non-corrosive gases or liquids. Regulator R280-16 is not suitable for liquids.
<b>Supply pressure</b>	max. 40 bar, for liquids $\Delta p_{max} = 25$ bar
<b>Adjustment</b>	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
<b>Relieving function</b>	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
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
<b>Mounting position</b>	any
<b>Temperature range</b>	-10 °C to 90 °C / 14 °F to 194 °F
<b>Material</b>	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						

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	G $\frac{1}{2}$	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

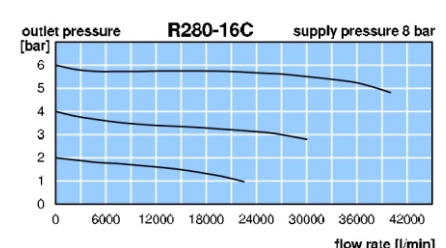
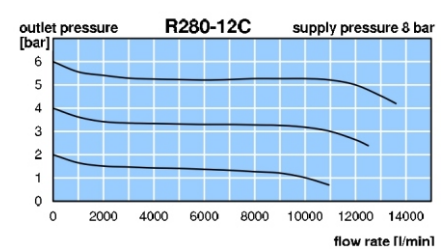
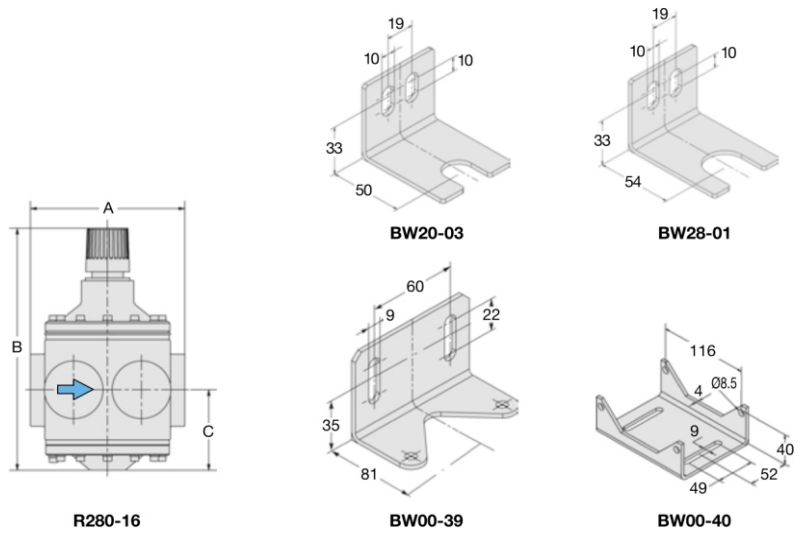


**Special options, add the appropriate letter**

<b>non-relieving for oxygen</b>	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**

<b>pressure gauge</b>	$\varnothing$ 50 mm, 0... <sup>*2</sup> bar, G $\frac{1}{4}$ $\varnothing$ 50 mm, 0...25 bar, G $\frac{1}{4}$ $\varnothing$ 63 mm, 0... <sup>*2</sup> 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	<b>MA5002-...<sup>*2</sup></b> <b>MA5002-25</b> <b>MA6302-...<sup>*2</sup></b> <b>MA6302-25</b> <b>BW20-03</b> <b>M20x1,5M</b> <b>BW28-01</b> <b>M28x1,5M</b> <b>BW00-39</b> <b>BW00-40</b>
<b>mounting bracket</b>	made of steel		
<b>mounting nut</b>	made of steel		
<b>mounting bracket</b>	made of steel		
<b>mounting nut</b>	made of brass		
<b>mounting bracket</b>	made of steel		
<b>mounting bracket</b>	made of steel		



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

