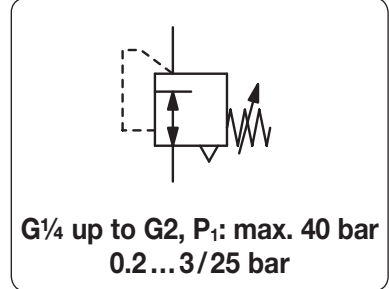


Brass Pressure Regulator up to 40 bar

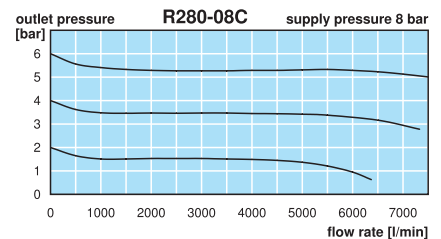
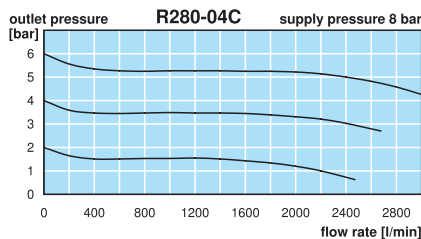
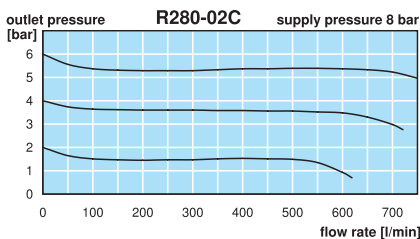
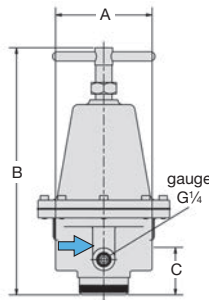
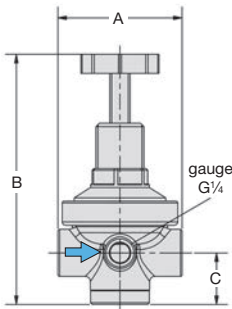
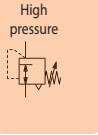
R280

Description	Diaphragm pressure regulator of solid design. Made of brass. No air consumption, no constant bleed. For compressed air with relieving diaphragm, for water with non-relieving diaphragm.
Media	Compressed air, non-corrosive gases or liquids. R280-16 is not suitable for liquids.
Supply pressure	max. 40 bar
Adjustment	by handwheel with locknut for G $\frac{1}{4}$ to G $\frac{1}{2}$ regulators by T-handle with locknut for G $\frac{3}{4}$ to G1 $\frac{1}{2}$ regulators, by knob for G2 regulators by hexagonal spindle for range up to 16 or 25 bar, up to G $\frac{1}{2}$ 14mm A/F, otherwise 19mm 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	by	(m ³ /h)	m ³ /h*1	l/min*1	bar	

Brass pressure regulator								supply max. 40 bar, for compressed air, relieving, without pressure gauge	R280
45	104	23	handwheel	0.48	45	750	G $\frac{1}{4}$	0.2... 3 0.2... 6 0.5... 10 0.5... 16 0.5... 25	R280-02A R280-02B R280-02C R280-02D R280-02E
72	145	30	handwheel hex. spindle	1.5	144	2400	G $\frac{1}{2}$	0.2... 3 0.2... 6 0.5... 10 0.5... 16 0.5... 25	R280-04A R280-04B R280-04C R280-04D R280-04E
95	216	41	T-handle hex. spindle	4.7	438	7300	G $\frac{3}{4}$ *2	0.2... 3 0.2... 6 0.5... 10 0.5... 16 0.5... 25	R280-06A R280-06B R280-06C R280-06D R280-06E
83	216	41	T-handle hex. spindle	4.8	450	7500	G1	0.2... 3 0.2... 6 0.5... 10 0.5... 16 0.5... 25	R280-08A R280-08B R280-08C R280-08D R280-08E
128	240	50	T-handle hex. spindle	7.1	660	11000	G1 $\frac{1}{4}$ *2	0.2... 3 0.2... 6 0.5... 10 0.5... 16 0.5... 25	R280-10A R280-10B R280-10C R280-10D R280-10E



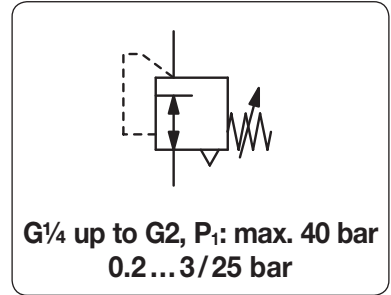
*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

*2 reduced from next bigger thread



Order example
R280-02A
China website: www.duray-control.cn

Description	Diaphragm pressure regulator of solid design. Made of brass. No air consumption, no constant bleed. For compressed air with relieving diaphragm, for water with non-relieving diaphragm.
Media	Compressed air, non-corrosive gases or liquids. R280-16 is not suitable for liquids.
Supply pressure	max. 40 bar
Adjustment	by handwheel with locknut for G $\frac{1}{4}$ to G $\frac{1}{2}$ regulators by T-handle with locknut for G $\frac{3}{4}$ to G1 $\frac{1}{2}$ regulators, by knob for G2 regulators by hexagonal spindle for range up to 16 or 25 bar, up to G $\frac{1}{2}$ 14mm A/F, otherwise 19mm 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						
mm	mm	mm	by	(m ³ /h)	m ³ /h*1	l/min*1	G	bar

Brass pressure regulator			supply 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
			hex. spindle					0.5... 16	R280-12D
								0.5... 25	R280-12E
160	278	78	knob	21.9	1500	25000	G2	0.5... 10	R280-16C
								0.5... 16	R280-16D
								0.5... 25	R280-16E



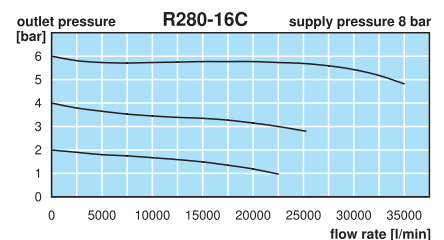
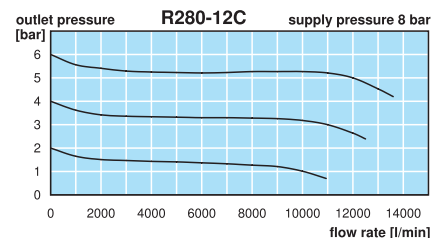
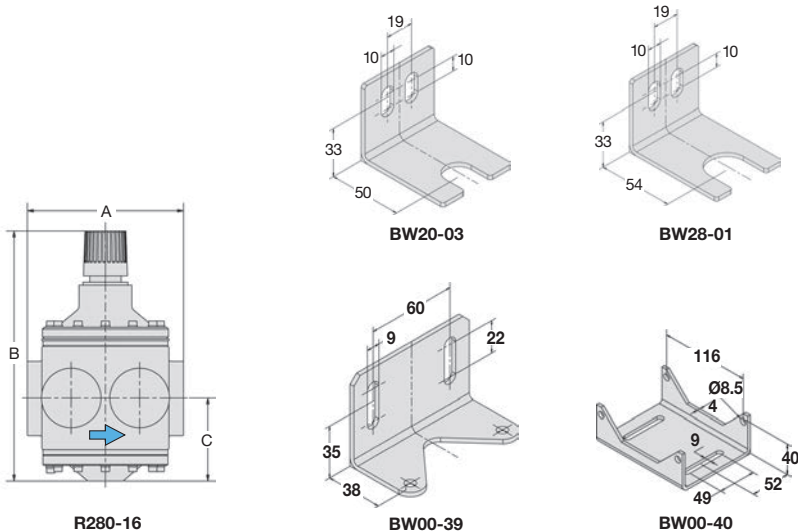
R280-12C
accessory: gauge

Special options, add the appropriate letter				
non-relieving for oxygen	without relieving function	not for G2	R280-... K	
	specially cleaned, with oxygen grease, max. 60 °C/140 °F up to G1 $\frac{1}{2}$		R280-... 15	

Accessories, enclosed				
pressure gauge	Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$	for G $\frac{1}{4}$ and G $\frac{1}{2}$	MA5002-...*2	
	Ø 50 mm, 0...25 bar, G $\frac{1}{4}$	for G $\frac{1}{4}$ and G $\frac{1}{2}$	MA5002-25	
	Ø 63 mm, 0...*2 bar, G $\frac{1}{4}$	from G $\frac{3}{4}$ on	MA6302-...*2	
	Ø 63 mm, 0...25 bar, G $\frac{1}{4}$	from G $\frac{3}{4}$ on	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, assembly at spring cage	for G $\frac{3}{4}$ to G1 $\frac{1}{2}$	BW00-39	
		for G2	BW00-40	



R280-16D
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

