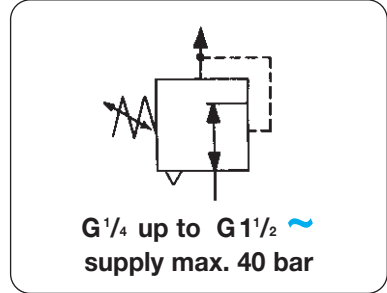




<b>Description</b>	Diaphragm-operated regulator of solid design. No air consumption, no constant bleed. For compressed air with relieving diaphragm, for water with non-relieving diaphragm.	
<b>Adjustment</b>	Handwheel with locking screw for regulators up to 1/2" T-handle with locking nut for 3/4" to 1 1/2" regulators, with hexagonal spindle for range > 16 bar	
<b>Supply pressure</b>	max. 40 bar / max. 600 psi	
<b>Relieving</b>	Standard for compressed air,	non-relieving as option for water
<b>Gauge port</b>	1/4" on both sides of the body,	plug supplied
<b>Mounting bracket</b>	On spring cage for regulators up to 1/2",	on body for 3/4" to 1 1/2" regulators
<b>Temperature range</b>	-10 °C to 90 °C / 14 °F to 200 °F	-30 °C to 110 °C / -22 °F to 230 °F storage
<b>Materials</b>	Body: brass Diaphragm: NBR (Buna Perbunan)	

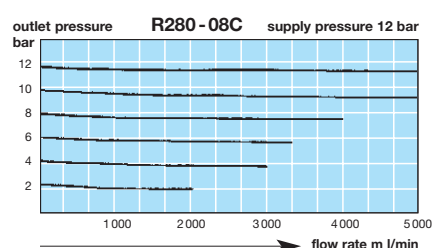
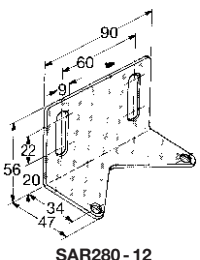
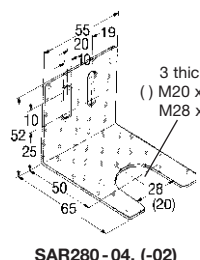
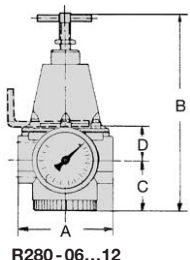
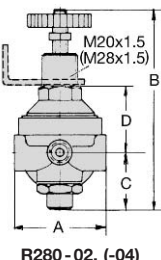


Dimensions				Pressure adjustm. by	K <sub>v</sub> - value (m <sup>3</sup> /h)	Air flow m <sup>3</sup> /h*1 l/min*1	Connection thread G	Pressure range bar	Order number
A	B	C	D						

Pressure regulator										supply max. 40 bar brass, relieving, without gauge	R280
45	104	23	33	handwheel	0.3	27	450	G 1/4	0.2 ... 3	3	R280 - 02A
									0.2 ... 6	6	R280 - 02B
									0.5 ... 10	10	R280 - 02C
									0.5 ... 16	16	R280 - 02D
72	155	31	51	handwheel	0.8	72	1200	G 1/2	0.2 ... 3	3	R280 - 04A
									0.2 ... 6	6	R280 - 04B
									0.5 ... 10	10	R280 - 04C
									0.5 ... 16	16	R280 - 04D
									0.5 ... 25	25	R280 - 04E
84	216	43		T-handle	3.5	250	4200	G 3/4*2	0.2 ... 6	6	R280 - 06B
				hex. spindle					0.5 ... 10	10	R280 - 06C
									0.5 ... 16	16	R280 - 06D
									0.5 ... 25	25	R280 - 06E
84	216	43		T-handle	4.2	300	5000	G 1	0.2 ... 6	6	R280 - 08B
				hex. spindle					0.5 ... 10	10	R280 - 08C
									0.5 ... 16	16	R280 - 08D
									0.5 ... 25	25	R280 - 08E
125	235	50		T-handle	7.2	510	8600	G 1 1/4*2	0.2 ... 3	3	R280 - 10A
									0.2 ... 6	6	R280 - 10B
									0.5 ... 10	10	R280 - 10C
				hex. spindle					0.5 ... 16	16	R280 - 10D
									0.5 ... 25	25	R280 - 10E
113	235	50		T-handle	8.1	580	9600	G 1 1/2	0.2 ... 3	3	R280 - 12A
									0.2 ... 6	6	R280 - 12B
									0.5 ... 10	10	R280 - 12C
				hex. spindle					0.5 ... 16	16	R280 - 12D
									0.5 ... 25	25	R280 - 12E



Special options	add the appropriate letter	Accessories
pressure gauge	Ø 50, G <sup>1/4</sup> + G <sup>1/2</sup> , all other Ø 63, not for O <sub>2</sub>	G R280 - . . . G
non-relieving	~ for liquids	K R280 - . . . K
EPDM elastomer	for brake fluid, non-relieving	E R280 - 02. KE
for oxygen	clean	O R280 - . . . O
panel mounting nut	SAR280 - M2 for G <sup>1/4</sup>	P R280 - . . . P
mounting bracket + nut	SAR280 - 02 for G <sup>1/4</sup>	X R280 - . . . X
mounting bracket	SAR280 - 12 for G <sup>3/4</sup> up to G <sup>1 1/2</sup>	X R280 - . . . X



\*1 at 7 bar supply pressure, 6 bar outlet pressure

\*2 reduced from next bigger thread

<b>For your information:</b>	1 bar: 14.5 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch	Pressure gauge: Please consult chapter "Gauges"
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm	

**Order example:**  
R280 - 08C