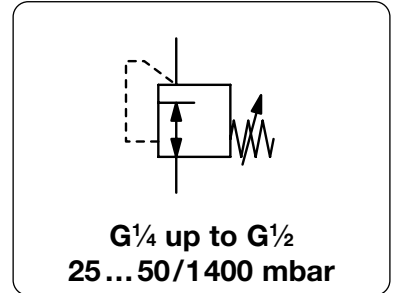


LOW PRESSURE REGULATOR FROM 20 MBAR

R01

Description	The low pressure regulator is manually adjustable. Version R01-4 has an integrated safety valve which opens at a pressure of 1.5 times of the max. outlet pressure, thus not suitable for gas pressure regulation in closed rooms.		
Media	compressed air, propane, butane or other non-corrosive gases as well as oil		
Supply pressure	max. 16 bar at R01-5/-6, max. 10 bar at R01-4		
Accuracy	at min. supply pressure and flow: < 5% FS pressure deviation at max. supply pressure and flow: < 15% FS pressure deviation at max. supply pressure without flow: < 25% FS pressure deviation		
Air consumption	without constant bleed		
Adjustment	R01-5/-6:	by adjusting knob a. dial enabling eleven settings for different outlet pressures	
Relieving function	R01-4	by T-handle with locknut	
Gauge port	non-relieving		
Temperature range	G $\frac{1}{4}$ on one side of the body, except on R01-5/-6 -20 °C to 60 °C / -4 °F to 140 °F		
Material	Body: zinc die-cast	Elastomer: NBR/Buna-N	Inner valve: brass



Dimensions			Flow rate l/min	Supply pressure empfohlen	Connection thread G	Pressure range mbar	Order number
A mm	B mm	ØT mm					

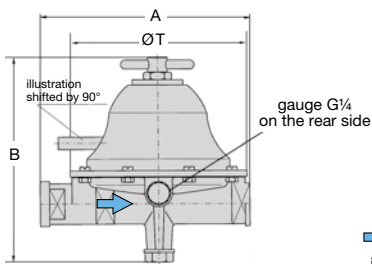
Low pressure regulator				supply pressure max. 16 bar, non-relieving, without gauge port	R01-5/-6	
100	68	68	13	2.5	G $\frac{1}{4}$ 25... 50	R01-524-00
100	68	68	7	6.0	G $\frac{1}{4}$ 20... 200	R01-524-05
100	68	68	26	6.0	G $\frac{1}{4}$ 70... 200	R01-522-01
100	68	68	50	2.5	G $\frac{1}{4}$ 30... 200	R01-524-06
103	50	83	40	6.0	G $\frac{3}{8}$ *1 350... 1400	R01-626
103	50	83	140	6.0	G $\frac{3}{8}$ *1 350... 1400	R01-627



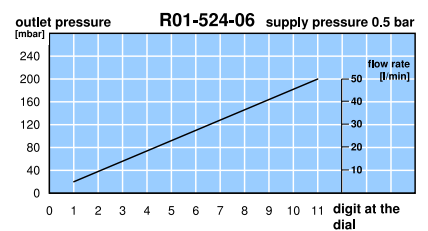
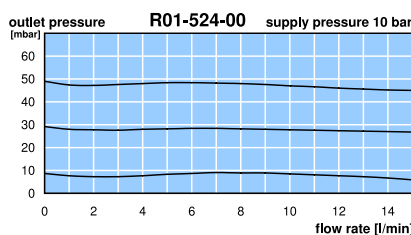
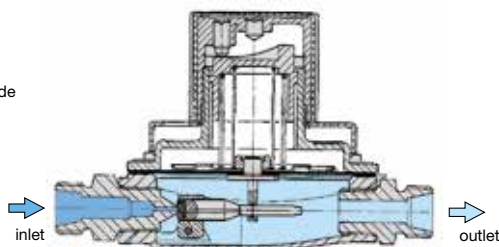
Low pressure regulator				supply pressure max. 10 bar, non-relieving	R01-4	
138	127	117	140	2.5	G $\frac{1}{2}$ 20... 150	R01-411-01



Accessories, enclosed
pressure gauge Ø 63 mm, 0 ... 250 mbar, G $\frac{1}{4}$, capsule type for R01-411-01 **MA6302-C3**



R01-411



*1 G $\frac{1}{4}$ eingangsseitig *2 G $\frac{1}{2}$ eingangsseitig

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example:
R01-524-00