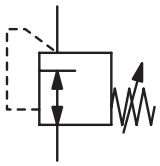
Low Pressure Regulator from 20 mbar, also for Oil R01 / RL13

Description	Hand-operated, spring-loaded low pressure regulator with diaphragm and integrated safety valve, 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 R01-2/-3/-4 and RL13-5, max. 6 bar at RL13-0
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
Mounting position	any
Adjustment	RL13-0: no individual settings R01-5/-6: by adjusting knob and dial enabling eleven settings for different outlet pressures R01-2/-3/-4: by T-handle with locknut
Relieving function	non-relieving
Gauge port	G¼ on one side of the body, except on R01-5/-6 and RL13-0
Temperature range	-20 °C to 60 °C / -4 °F to 140 °F
Material	Body: zinc die-cast Elastomer: NBR/Buna-N Inner valve: brass



G¼ up to G¾
25 ... 50 / 1400 mbar

Dimensions A mm	B mm	ØT mm	Flow rate l/min	Supply pressure recommended	Connection thread G	Pressure range mbar	Order number
Low pressure regulator supply pressure max. 16 bar, non-relieving, without gauge port							**R01-5/-6**
100	68	68	13	2.5	G¼	25 ... 50	**R01-524-00**
100	68	68	7	6.0	G¼	20 ... 200	**R01-524-05**
100	68	68	26	6.0	G¼	70 ... 200	**R01-522-01**
100	68	68	50	2.5	G¼	30 ... 200	**R01-524-06**
100	68	68	7	2.5	G¼	20 ... 1400	**R01-524-08**
103	50	83	40	6.0	G⅜*1	350 ... 1400	**R01-626**
103	50	83	140	6.0	G⅜*1	350 ... 1400	**R01-627**
Low pressure regulator supply pressure max. 10 bar, non-relieving							**R01-2/-3/-4**
138	127	117	140	2.5	G½	20 ... 150	**R01-411-01**
138	127	117	140	2.5	G½	50 ... 500	**R01-211**
160	136	145	280	2.5	G¾*2	50 ... 500	**R01-321**
Oil pressure regulator supply pressure max. 6/10 bar, non-relieving							**RL13**
65	32	59	0.3	max. 6	G¼	preset 100	**RL13-001**
65	70	68	3.0	max. 10	G⅜*1	0 ... 2500	**RL13-504**

R01-524-00

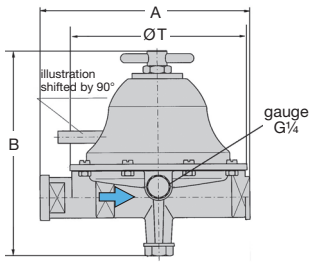
R01-627

R01-411-01
accessory: gauge

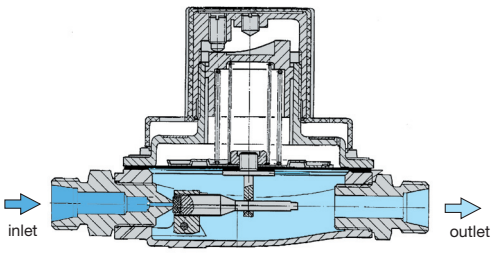
RL13-504
accessory: gauge

Accessories, enclosed

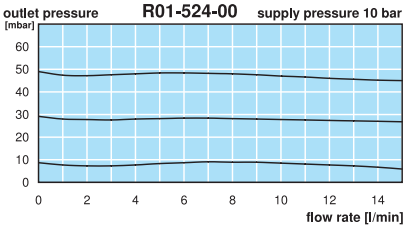
pressure gauge	Ø 50 mm, 0 ... 4 bar,	G¼, Bourdon tube	for RL13-504	**MA5002-04**
	Ø 63 mm, 0 ... 250 mbar,	G¼, capsule type	for R01-411-01	**MA6302-C3**
	Ø 63 mm, 0 ... 0.6 bar,	G¼, Bourdon tube	for R01-2/-3	**MA6302-C6**

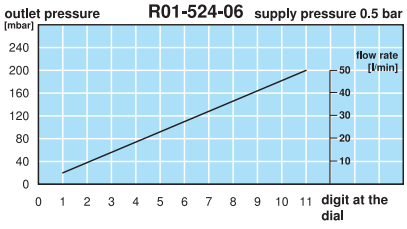


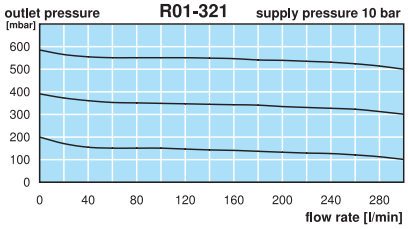
R01-211 / -321 / -411



cross section







*1 G¼ on the input side *2 G½ on the input side

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example
R01-524-00