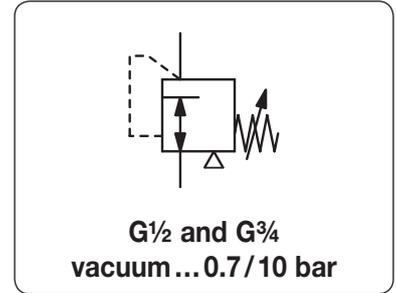


Description	Diaphragm vacuum regulator ensuring high precision in both vacuum and positive pressure range.		
Media	compressed air or non-corrosive gases		
Supply pressure	max. 17 bar		
Accuracy	response sensitivity: < 2.5 mbar		
Adjustment	by handwheel with locknut		
Air consumption	without constant bleed		
Flow rate	800 l/min*1 in vacuum range,	4200 l/min*2 in positive pressure range	
Gauge port	G¼ on both sides of the body, screw plugs supplied		
Mounting position	any		
Temperature range	-40 °C to 90 °C / -40 °F to 194 °F		
Material	Body: aluminium die-cast	Inner valve: stainless steel and brass	
	Elastomer: NBR/Buna-N		



Dimensions				K _v value	Flow rate		Connection thread	Vacuum range	Order number
A	B	C	D		m³/h	l/min*1			
mm	mm	mm	mm				G	bar	

Vacuum regulator								supply pressure max. 17 bar, without constant bleed	R261
87	238	40	98	2.5	48	800/4200*2	G½	-1 ... +0.7 -1 ... +2.0 -1 ... +10	R261-04A R261-04B R261-04D
87	238	40	98	2.5	48	800/4200*2	G¾	-1 ... +0.7 -1 ... +2.0 -1 ... +10	R261-06A R261-06B R261-06D



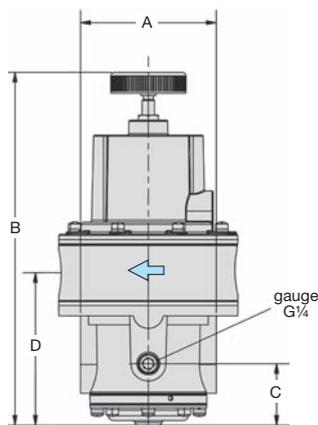
R261

Special options, add the appropriate letter

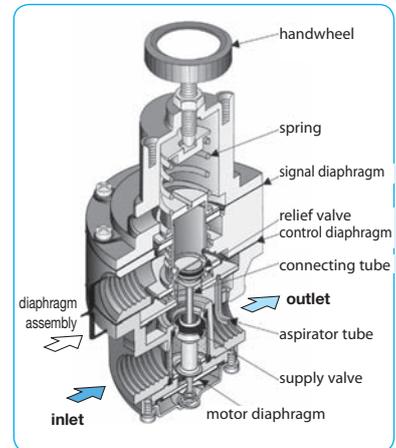
NPT	connection thread	R261-0 . . N
tamper-proof cap	made of aluminium, adjustment by screwdriver, total height 240 mm	R261-0 . . T

Accessories, enclosed

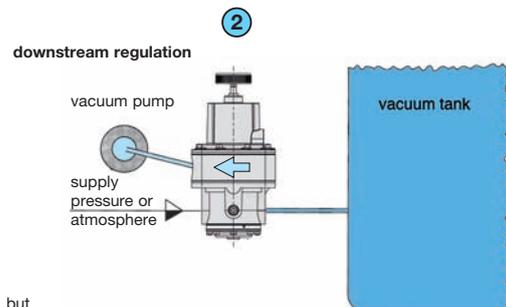
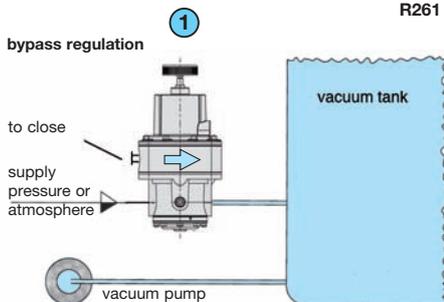
pressure gauge	Ø 63 mm, -1 ... 0 bar, G¼	MA6302-00
mounting bracket	made of steel	BW00-47



R261



cross section
connection for downstream regulation



Note
A strainer is provided on the atmospheric or pressure side, but an additional filter is recommended.

1 Bypass regulation
Upstream installation is preferred when rapid exhaust of a tank or system is required. That way the vacuum pump acts directly upon the tank and is not being throttled by the vacuum regulator.

2 Downstream regulation
The regulator is located between the pump and the tank. The vacuum pump is energy-saving and it is easy to fill the tank to its optimal level with pressure or vacuum.

*1 for compressed air at -0.98 bar supply pressure and 0 bar outlet pressure
*2 for compressed air at 7 bar supply pressure and 1.4 bar outlet pressure