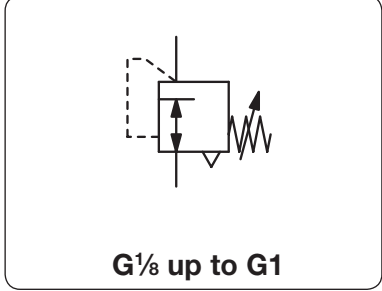


LOCKABLE PRESSURE REGULATOR

RS

Description	Pressure regulator with diaphragm of solid design lockable with key, cylinder lock of brass		
Media	compressed air or non-corrosive gases		
Supply pressure	max. 16 bar		
Air consumption	no air consumption		
Adjustment	by beaded, cylindrically handwheel		
Relieving function	relieving		
Gauge port	G $\frac{1}{8}$ on both sides of the body		
Mounting position	any		
Temperature range	-10°C to 60°C / 14°F to 140°F		
Material	Body: zinc die-cast	Diaphragm: NBR/Buna-N and brass	
	Lock cylinder: brass	Bottom screw: POM	
	Spring cage: POM and brass	O-ring: NBR/Buna-N	
	Adjusting spring: steel zinc-plated	Return spring: stainless steel	



Standard
2

Dimension			K _v -value	Flow-rate	Connection thread	Pressure range	Order Number
A	B	C					
mm	mm	mm	m ³ /h	m ³ /h*1	l/min*1	G	bar

Lockable pressure regulator							supply pressure max. 16 bar, NBR elastomer for compressed air and neutral gases	RS
40	113	22	1,2	60	1000	G $\frac{1}{8}$	0,1 ... 3	RS-01A
							0,2 ... 6	RS-01B
							0,5 ... 10	RS-01C
48	123	27	1,4	90	1500	G $\frac{1}{4}$	0,1 ... 3	RS-02A
							0,2 ... 6	RS-02B
							0,5 ... 10	RS-02C
							0,5 ... 16	RS-02D
69	156	35	5,2	360	6000	G $\frac{1}{2}$	0,1 ... 3	RS-04A
							0,2 ... 6	RS-04B
							0,5 ... 10	RS-04C
							0,5 ... 10	RS-04D
100	209	52	6,1	600	10000	G1	0,1 ... 3	RS-08A
							0,2 ... 6	RS-08B
							0,5 ... 10	RS-08C
							0,5 ... 10	RS-08D



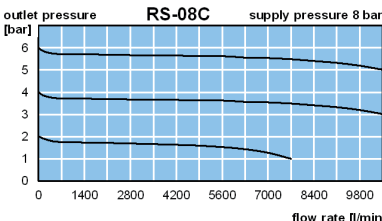
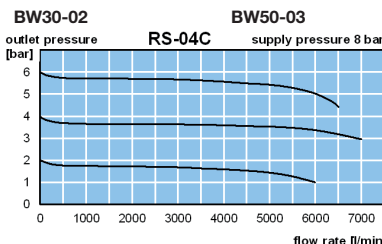
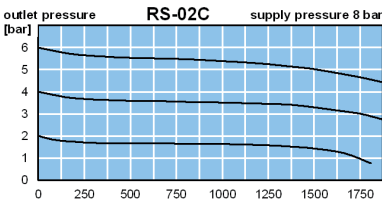
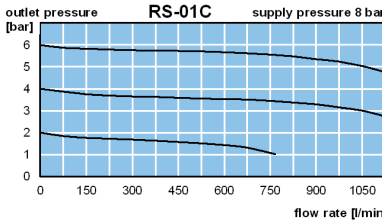
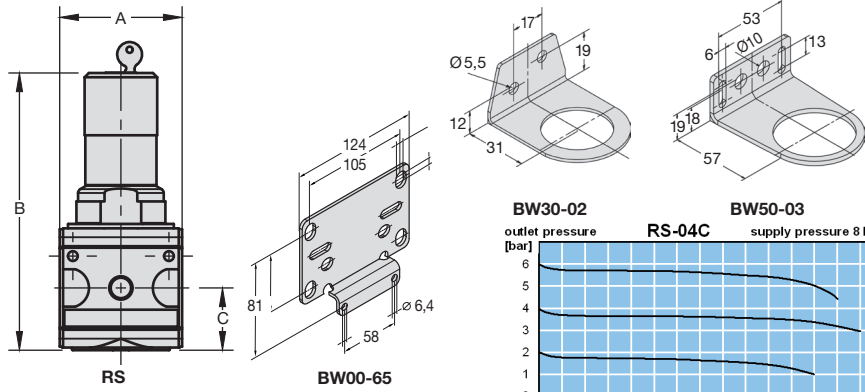
Special options, add the appropriate letter

up to -40°C low temperature version RS-0...X51

FKM elastomer RS-0...V

Accessories, enclosed

pressure gauge	Ø 40 mm, 0... ^{*2} bar	G $\frac{1}{8}$	for G $\frac{1}{8}$	MA4001-...^{*2}
	Ø 50 mm, 0... ^{*2} bar	G $\frac{1}{4}$	for G $\frac{1}{4}$ and G $\frac{1}{2}$	MA5002-...^{*2}
	Ø 63 mm, 0... ^{*2} bar	G $\frac{1}{4}$	for G1	MA6302-...^{*2}
mounting nut	made of plastic		for G $\frac{1}{8}$ and G $\frac{1}{4}$	M30x1,5K
	made of aluminium		for G $\frac{1}{8}$ and G $\frac{1}{4}$	M30x1,5A
	made of plastic		G $\frac{1}{2}$	M50x1,5K
mounting bracket	made of steel		for G $\frac{1}{8}$ and G $\frac{1}{4}$	BW30-02
			for G $\frac{1}{2}$	BW50-03
			for G1	BW00-65



*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

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example:
RS-01A