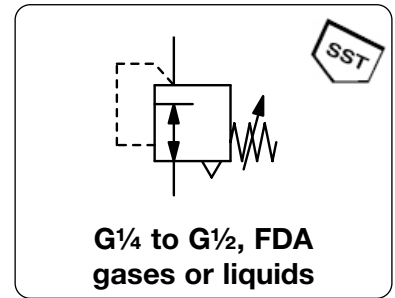


Description	Diaphragm pressure regulator made of stainless steel in robust design. Pre-pressure compensated and independent of supply pressure fluctuation.	
Media	compressed air, gases or liquids	
Supply pressure	max. 20 bar	
Accuracy	setting accuracy: < 0.5% FS;	Repeatability: < 1.5% FS
Air Consumption	without air consumption	
Adjustment	by adjusting screw, with lock nut	
Relieving function	relieving, optionally non-relieving	
Gauge port	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied	
Mounting position	any	
Temperature range	0 °C to 80 °C / 32 °F to 176 °F, for appropriately conditioned compressed air down to -20 °C / -4 °F	
Material	Body: stainless steel 316L, W.-Nr. 1.4436	O-ring: FKM
	Diaphragm: NBR/Buna-N with PTFE coating	Internal parts: stainless steel 302



Dimensions			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

Precision pressure regulator							supply pressure max. 20 bar, relieving	R3150
109	160	39	1.4	78	1300	G $\frac{1}{4}$	0.02 ... 1.5	R3150-02A
							0.10 ... 3.0	R3150-02B
							0.10 ... 8.0	R3150-02C
109	160	39	1.4	78	1300	G $\frac{3}{8}$	0.02 ... 1.5	R3150-03A
							0.10 ... 3.0	R3150-03B
							0.10 ... 8.0	R3150-03C
109	160	39	1.4	78	1300	G $\frac{1}{2}$	0.02 ... 1.5	R3150-04A
							0.03 ... 3.0	R3150-04B
							0.05 ... 10	R3150-04C



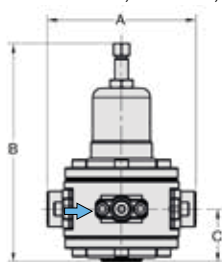
R3150

Special options, add the appropriate letter or number

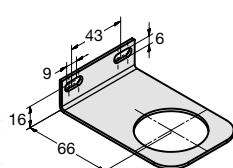
pilot operated	G $\frac{1}{8}$, max. 30 bar, 0...8 bar	R3150-0. J
NPT	connection thread	R3150-0. N
non-relieving	for liquids	R3150-0. K
EPDM o-ring		R3150-0. E
EPDM o-ring	FDA approval	R3150-0. TD
SST diaphragm	FKM o-ring	R3150-0. S
	EPDM o-ring	R3150-0. SE
ammonia	NH ₃	P ₁ max. 15 bar
carbon dioxide	CO ₂	R3150-0. K02
argon	Ar	R3150-0. K03
nitrogen	N ₂	R3150-0. K05
helium	He	R3150-0. K07
hydrogen	H ₂	R3150-0. K09
methane	CH ₄	R3150-0. K11
natural gas *3		R3150-0. K13
oxygen	O ₂	R3150-0. K14
propane	C ₃ H ₈	R3150-0. K15
nitrous oxide	N ₂ O	R3150-0. K16
water	H ₂ O	R3150-0. K17
		R3150-0. KW

Accessories, enclosed

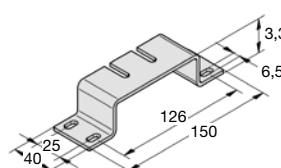
pressure gauge Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$
 mounting bracket
 mounting nut
 mounting bracket



R3150

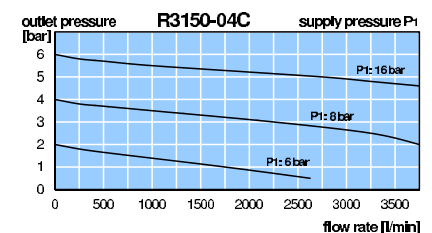
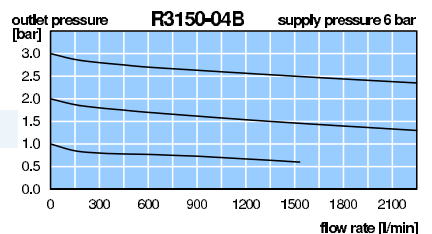
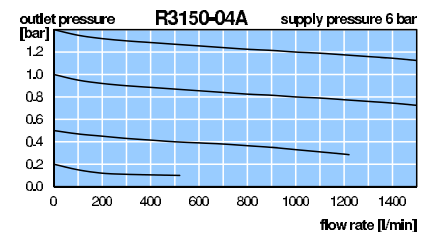


BW45-03S



BW00-59S

MS5002-...*2
 BW45-03S
 M45x1,5S
 BW00-59S



*1 see diagramm

*2 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar

*3 without DVGW-approval

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net



Order example:
 R3150-02A