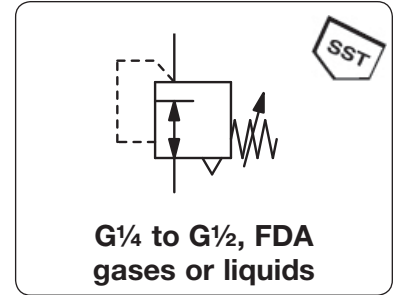


Description	Diaphragm pressure regulator made of stainless steel in robust design. Pre-pressure compensated and independent of supply pressure fluctuation.		
Media	compressed air, gases or liquids		
Supply pressure	see chart, max. 16 bar		
Accuracy	setting accuracy: < 0.5% FS;	Repeatability:	< 1.5% FS
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	Internal parts: stainless steel 302
	Diaphragm: NBR/Buna-N with PTFE coating		



Dimensions			Flow rate	Supply pressure	Connection thread	Pressure range	Order number
A	B	C	m 3 /h*1	l/min*1	max. bar	G	bar

Precision pressure regulator							supply pressure max. 10 bar, relieving	R3150
105	158	39	48	800	10	G $\frac{1}{4}$	0.02 ... 1.5	R3150-02A
			84	1400	10		0.03 ... 3.0	R3150-02B
			132	2600	16		0.05 ... 10	R3150-02C
80	158	39	72	1200	10	G $\frac{1}{2}$	0.02 ... 1.5	R3150-04A
			108	1800	10		0.03 ... 3.0	R3150-04B
			156	2600	16		0.05 ... 10	R3150-04C



R3150-02
Accessory: pressure gauge

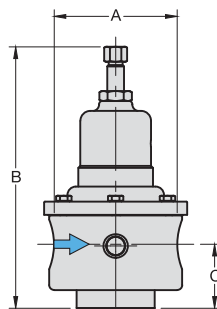
Special options, add the appropriate letter or number

NPT	Anschlussgewinde	R3150-0..N
non-relieving	für Flüssigkeiten	R3150-0..K
EPDM o-ring		R3150-0..E
EPDM o-ring	FDA-Zulassung	R3150-0..TD
SST diaphragm	FKM -O-Ring	R3150-0...S
	EPDM-O-Ring	R3150-0...SE
ammonia	NH $_3$	R3150-0...K02
carbon dioxide	CO $_2$	R3150-0...K03
argon	Ar	R3150-0...K05
nitrogen	N $_2$	R3150-0...K07
helium	He	R3150-0...K09
hydrogen	H $_2$	R3150-0...K11
methane	CH $_4$	R3150-0...K13
natural gas *3		R3150-0...K14
oxygen	O $_2$	R3150-0...K15
propane	C $_3$ H $_8$	R3150-0...K16
nitrous oxide	N $_2$ O	R3150-0...K17
water	H $_2$ O	R3150-0...KW

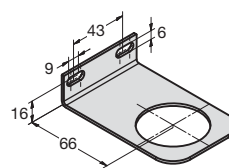


Accessories

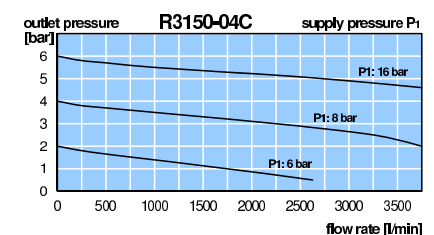
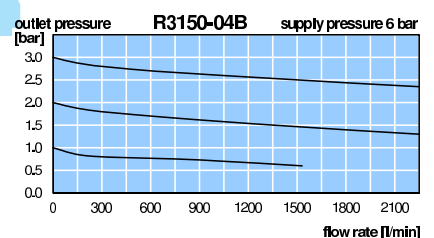
pressure gauge	Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$	MS5002-..*2
mounting bracket		BW45-03S
mounting nut		M45x1,5S



R3150



BW45-03S



*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