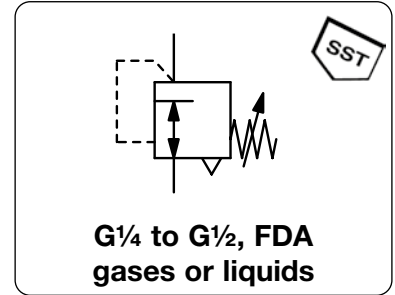


STAINLESS STEEL PRECISION PRESSURE REGULATOR

R3150

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	Internal parts: stainless steel 302
	Diaphragm: NBR/Buna-N with PTFE coating		



Dimensions			Kv-value	Flow rate	Connection thread	Pressure range	Order number
A	B	C	(m 3 /h)	m 3 /h*1	G	bar	
mm	mm	mm		l/min*1			

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

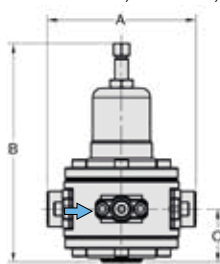
pilot operated	G $\frac{1}{8}$, max. 30 bar, 0...8 bar	R3150-0. J
NPT	connection thread	R3150-0. N
non-relieving	for liquids	R3150-0. K
EPDM o-ring		R3150-0. E
EPDM o-ring	FDA approval	R3150-0. TD
SST diaphragm	FKM o-ring	R3150-0. S
	EPDM o-ring	R3150-0. SE
ammonia	NH $_3$	R3150-0. K02
carbon dioxide	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

P $_1$ max. 15 bar

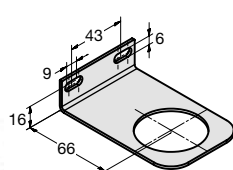
Accessories, enclosed

pressure gauge \varnothing 50 mm, 0...*2 bar, G $\frac{1}{4}$

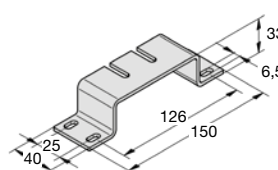
mounting bracket
mounting nut
mounting bracket



R3150



BW45-03S



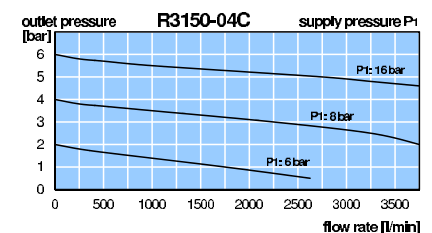
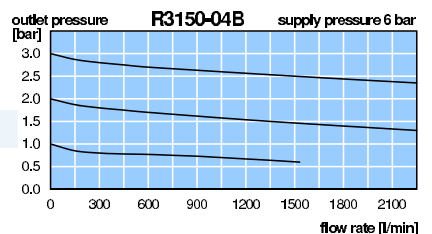
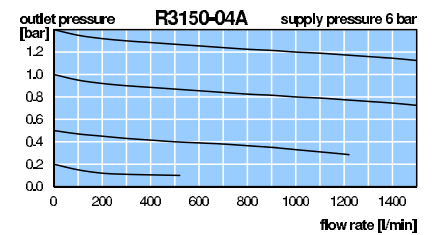
BW00-59S

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