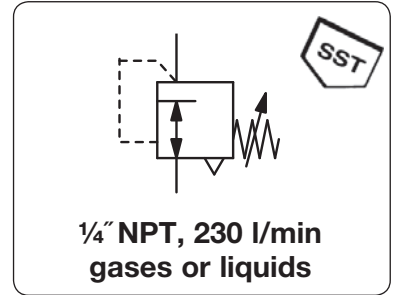


Precision Pressure Regulator Made of Stainless Steel

RP1

Description	Precision pressure regulator with diaphragm for low volume flow.	
Media	compressed air, gases or liquids	
Supply pressure	max. 21 bar	Adjustment by handwheel
Accuracy	at supply pressure variation of 1 bar: response sensitivity:	< 5 mbar pressure deviation < 1 mbar at relieving version
Air consumption	no constant bleed	
Relieving function	non-relieving	
Gauge port	not available	
Temperature range	0 to 70 °C / 32 to 194 °F for NBR, 0 to 90 °C / 32 to 194 °F for FKM or EPDM, 0 to 180 °C / 32 to 356 °F for Ni-Span-C,	Mounting position any for appropriately conditioned compr. air down to -30 °C / - 22 °F for appropriately conditioned compr. air down to -40 °C / - 40 °F for appropriately conditioned compr. air down to -50 °C / - 58 °F
Material	Body: stainless steel 316 Spring cage: brass, optionally stainless steel Diaphragm: NBR/Buna-N with single-sided PTFE coating Valve seat: FKM	



Dimensions			K _v value (m ³ /h)	Flow rate		Connection thread NPT	Pressure range bar	Order number
A	B	C		m ³ /h*	l/min*			

Precision pressure regulator							supply pressure max. 21 bar, non-relieving, without constant bleed, brass spring cage	RP10
65	114	15	0.1	14	230	1/4" NPT	0 ... 0.20	RP10-0
							0 ... 0.35	RP10-A
							0 ... 1.0	RP10-B
							0 ... 1.7	RP10-C
							0 ... 2.4	RP10-D
							0 ... 3.5	RP10-E
							0 ... 8.6	RP10-G



RP10, with brass spring cage

Special options, add the appropriate letter

stainless steel spring cage	stainless steel 316	RP11 -
hexagonal adjusting screw	instead of handwheel, total height 106 mm	RP11 - .M
FKM diaphragm	Nomex with FKM coating	RP11 - .V
EPDM diaphragm	Nomex with EPDM coating	RP11 - .E
for oxygen	pecially cleaned, with oxygen grease	RP11 - .15
up to 180 °C / 356 °F	high temperature version	RP11 - .X53

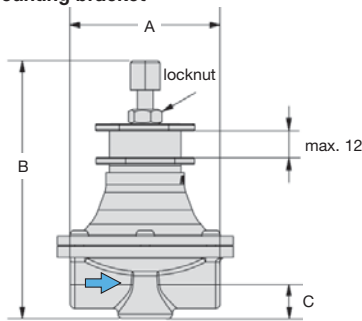


RP11, with SST spring cage

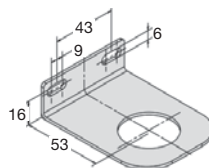
Accessories, enclosed

mounting bracket

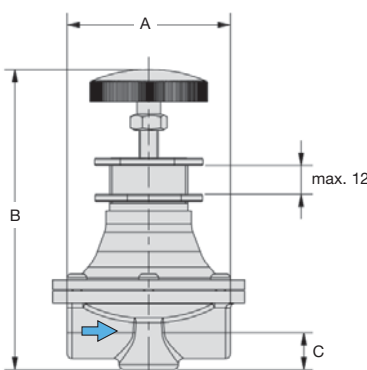
BW35-01S



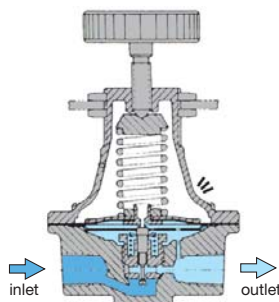
RP10 - .M



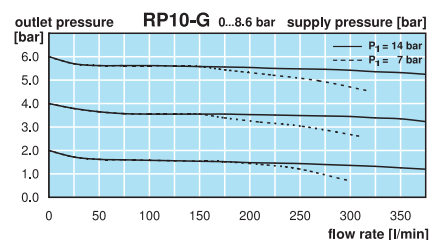
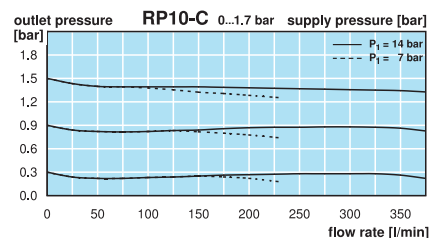
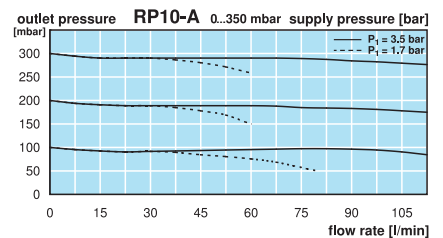
BW35-01S



RP10



cross section



*1 at 7 bar supply pressure and 4 bar outlet pressure

PDF CAD
www.aircom.net

Order example:
RP10-0