

Description High-capacity diaphragm regulator of solid design suitable for many applications. Ideal for installations where constant line pressure at wide flow variations. From size G2 on it is a pilot-operated piston regulator with an excellent regulation characteristic curve. Control is effected by a pressure regulator with external feedback.

Media compressed air or non-corrosive gases

Supply pressure max. 21 bar

Air consumption from size G2 on the regulator's air consumption is about 0.1 l/min.

Adjustment by T-handle with locknut
from size G2 on by plastic knob with snap-lock on the pilot regulator
up to size G½ optionally by handwheel for control panel integration

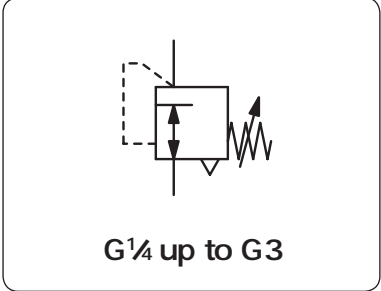
Relieving function relieving, optionally non-relieving

Gauge port G¼ on both sides of the body, screw plugs supplied

Temperature range 0 °C to 50 °C / 32 °F to 122 °F, for appropriately conditioned compressed air down to -30 °C / -22 °F

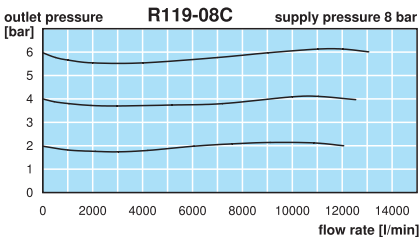
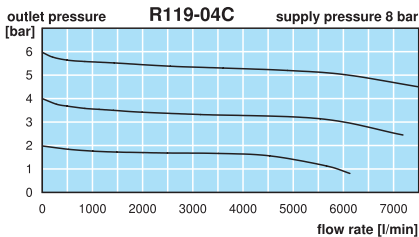
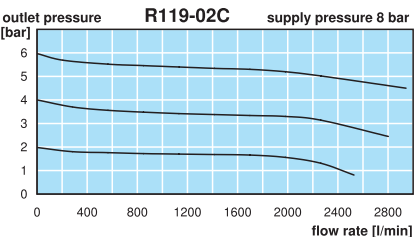
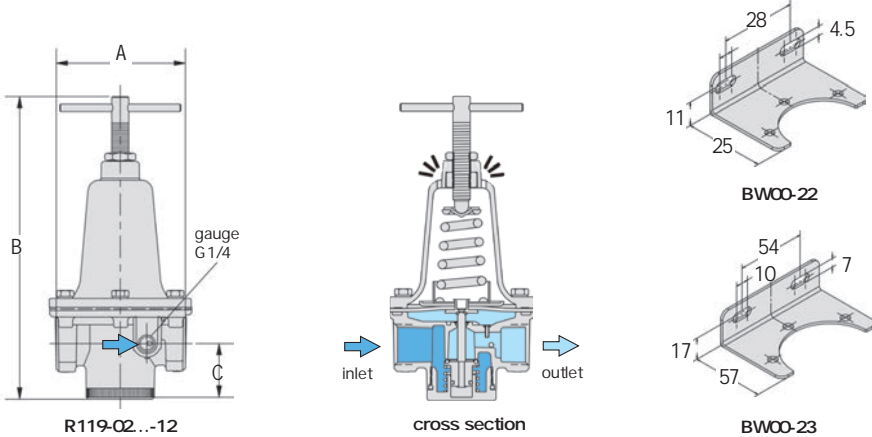
Material Body: zinc die-cast
Diaphragm: NBR/Buna-N

Mounting position any
Inner valve: brass
Bottom screw: reinforced nylon



Dimensions			K _v value (m³/h)	Flow rate		Connection thread G	Pressure range bar	Order number
A mm	B mm	C mm		m³/h*1	l/min*1			

Standard pressure regulator							supply pressure max. 21 bar, relieving, without pressure gauge	R119	
70	157	35	1.5	150	2500	G¼	0.2... 1.8	R119-02A	
							0.2... 4.0	R119-02B	
							0.3... 9.0	R119-02C	
							0.5... 17.0	R119-02D	
70	157	35	1.7	168	2800	G¾	0.2... 1.8	R119-03A	
							0.2... 4.0	R119-03B	
							0.3... 9.0	R119-03C	
							0.5... 17.0	R119-03D	
83	172	38	3.6	360	6000	G½	0.2... 1.8	R119-04A	
							0.2... 4.0	R119-04B	
							0.3... 9.0	R119-04C	
							0.5... 17.0	R119-04D	
113	265	49	5.4	540	9000	G¾	0.3... 9.0	R119-06C	
							0.5... 17.0	R119-06D	
113	265	49	6.0	600	10000	G1	0.3... 9.0	R119-08C	
							0.5... 17.0	R119-08D	



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop



Order example:
R119-02A
China website: www.duray-control.cn

