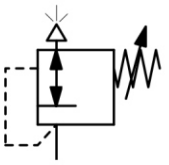
DB240 - Régulateur déverseur de pression, de précision

DB240 - Precision back pressure regulator

Description	The back pressure regulator is a high-flow, high-precision pneumatic relief valve with adjustable setpoint. It provides protection against overpressure in the downstream section of pneumatic systems. A convoluted diaphragm provides the sensitivity for venting to the atmosphere in response to the slightest upstream change.
Media	compressed air or non-corrosive gases
Overpressure	max. 17 bar
Adjustment	by handwheel with locknut
Gauge port	G¼ on both sides of the body, screw plugs supplied
Mounting position	any
Temperature range	0 °C to 70 °C / 32 °F to 158 °F, for appropriately conditioned compressed air down to -40 °C / -40 °F
Material	Body: aluminium die-cast Elastomer: NBR/Buna-N Inner valve: stainless steel and brass



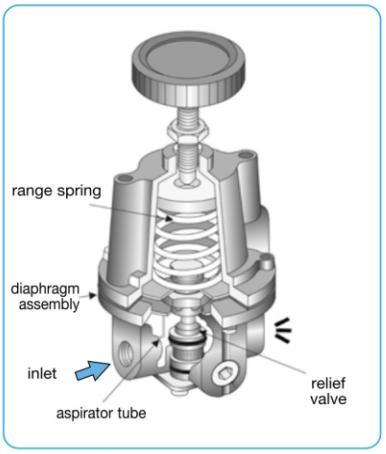
G¼ / ¼″ up to ½″ NPT
10…140 mbar/10 bar

Dimensions A mm	B mm	C mm	Relief capacity l/min*1	Over-pressure max. bar	Connection thread G	Adjustment range bar	Order number
Precision back pressure regulator				**overpressure max. 17 bar**			**DB240**
67	154	19	1100	17	G¼	0.01 … 0.14	**DB240-020**
						0.01 … 1.0	**DB240-02A**
						0.01 … 2.0	**DB240-02B**
						0.07 … 4.0	**DB240-02C**
						0.14 … 10	**DB240-02D**

DB240

Special options, add the appropriate letter

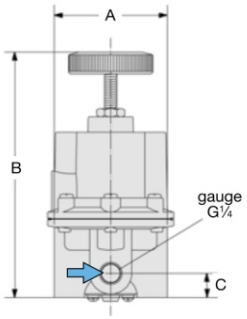
¼″ NPT	connection thread	DB240-0**2** . **N**
⅜″ NPT	connection thread	DB240-0**3** . **N**
½″ NPT	connection thread, recommended for mbar range	DB240-0**4** . **N**
tamper-proof cap	aluminium, adjustment by screwdriver, total height 157 mm	DB240-0 . . **T**



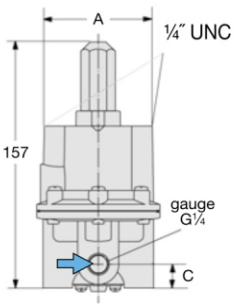
cross-section

Accessories, enclosed

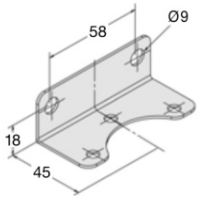
pressure gauge	Ø 50 mm, 0…*2 bar, G¼, Bourdon tube, from 1 bar on	**MA5002-..*2**
	Ø 63 mm, 0…160 mbar, G¼, capsule type	**MA6302-C2**
mounting bracket	made of steel	**BW00-33**



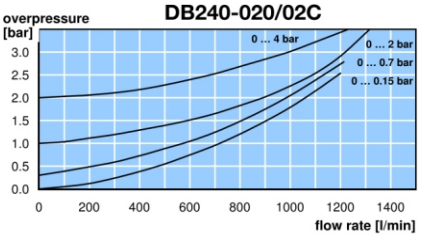
DB240

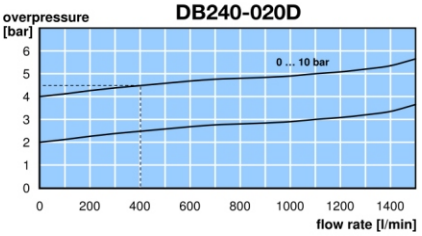


DB240-…T
with tamper-proof cap



BW00-33





*1 at 5 bar overpressure and open outlet
*2 **01** = 0…1 bar, **02** = 0…2.5 bar, **06** = 0…6 bar, **10** = 0…10 bar, **16** = 0…16 bar

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