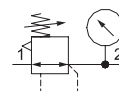


- High flow with a wide range of adjustable output pressure ranges
- Flows in excess of 7000 l/min
- Maintains constant downstream pressure even during fluctuations in upstream pressure
- Optional extended temperature range of -40°C to +80°C
- Optional low profile integrated gauge, round gauge, digital gauge or digital pressure switch
- Key lockable and tamperproof options
- Threaded ports allow for individual or modular mounting



Performance Data		
Port sizes		1/4, 3/8, 1/2
Thread type		G (NPTF in option)
Nominal flow - ISO Standard		l/min
	1/4	4120
	3/8	6530
	1/2	7000
Maximum inlet pressure (bar) P1		16
Adjustable pressure ranges (bar) P2		0,2 to 3
		0,5 to 10
Ambient temperature range (°C)		-20 to +50
Fluid temperature range (°C)		-20 to +50
Fluid		air or inert gas
Weight (kg)		0,431

Materials in contact with fluid	
Body	Aluminium
Body covers	Polyamide
Seals	NBR
Springs	Stainless steel

HOW TO ORDER

Regulator

G 652 A R 0 0 4 G A00 H 0

Thread connection

G = ISO 228/1-G*
8 = NPTF

Product series

652

Revision letter

A

Product type

K = Regulator "Quick Relief Option"
R = Regulator**
W = Pilot Operated Regulator

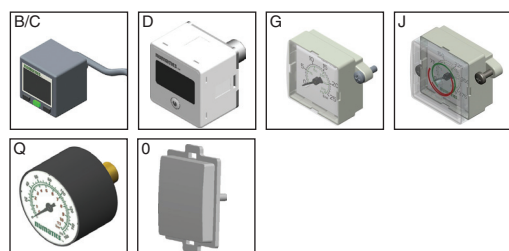


Port size

2 = 1/4
3 = 3/8
4 = 1/2

Gauge type

B = Digital pressure switch - PNP
C = Digital pressure switch - NPN
D = Digital gauge
G = Low profile integrated gauge bar/PSI
J = Low profile integrated gauge bar/PSI with pressure range indicators
Q = Round gauge bar/PSI
0 = No gauge port

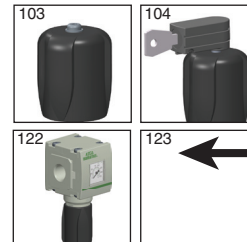


Pressure range

D = 0,2..3 bar
H = 0,5..10 bar

Options****

A00 = Without option
103 = Tamper resistant
104 = Key lockable
105 = High temperature (+80°C)
106 = Low temperature (-40°C)***
109 = FPM seals
113 = Stainless steel fasteners
114 = Provision for key lock
117 = ATEX zones 1/21 
121 = Non-relieving
122 = Bottom oriented pressure adjustment
123 = Gauge type mounted for right-to-left flow
202 = 105 + 109
2A9 = 105 + 106



* Conforms to ISO standards 1179-1.

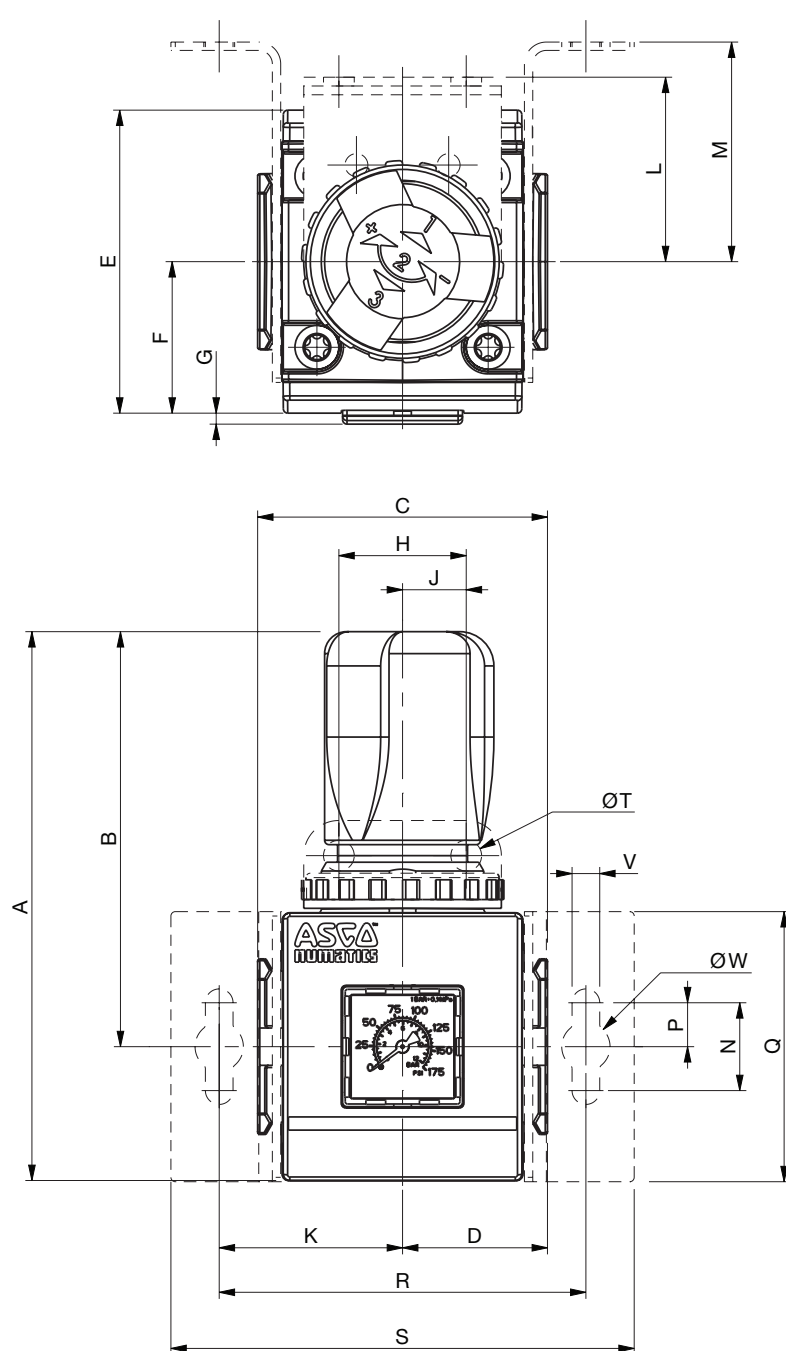
** Relieving standard; use option 121 for non-relieving

*** Compressed air must be dry enough so no ice formation is present on the product.

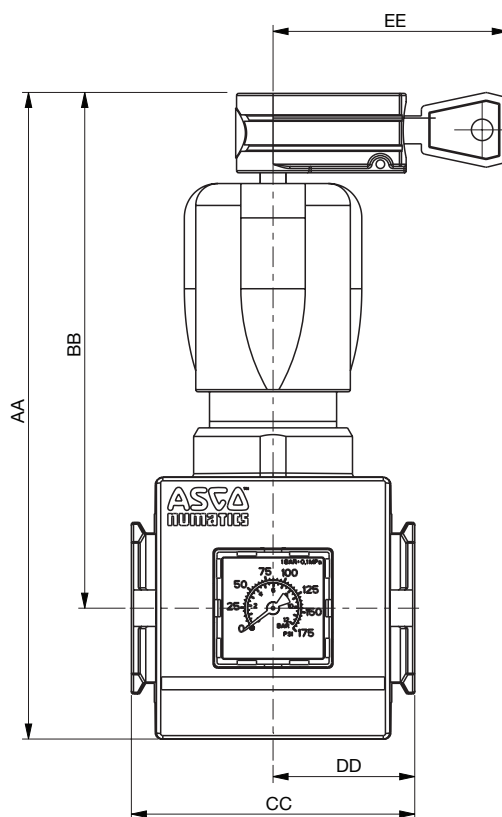
**** If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asconumatics.eu).

Dimensions: mm

Dimensional Drawing - 652 Series Regulator



A	B	C	D	E	F	G	H	J	K
125	94,5	66	33	69	34,5	2,5	29	14,5	41,75
L	M	N	P	Q	R	S	ØT	V	ØW
42	50	20	10	61,5	83,5	105,5	7	6,3	11



AA	BB	CC	DD	EE
151	120	66	33	55

Cross Section - 652 Series Regulator

