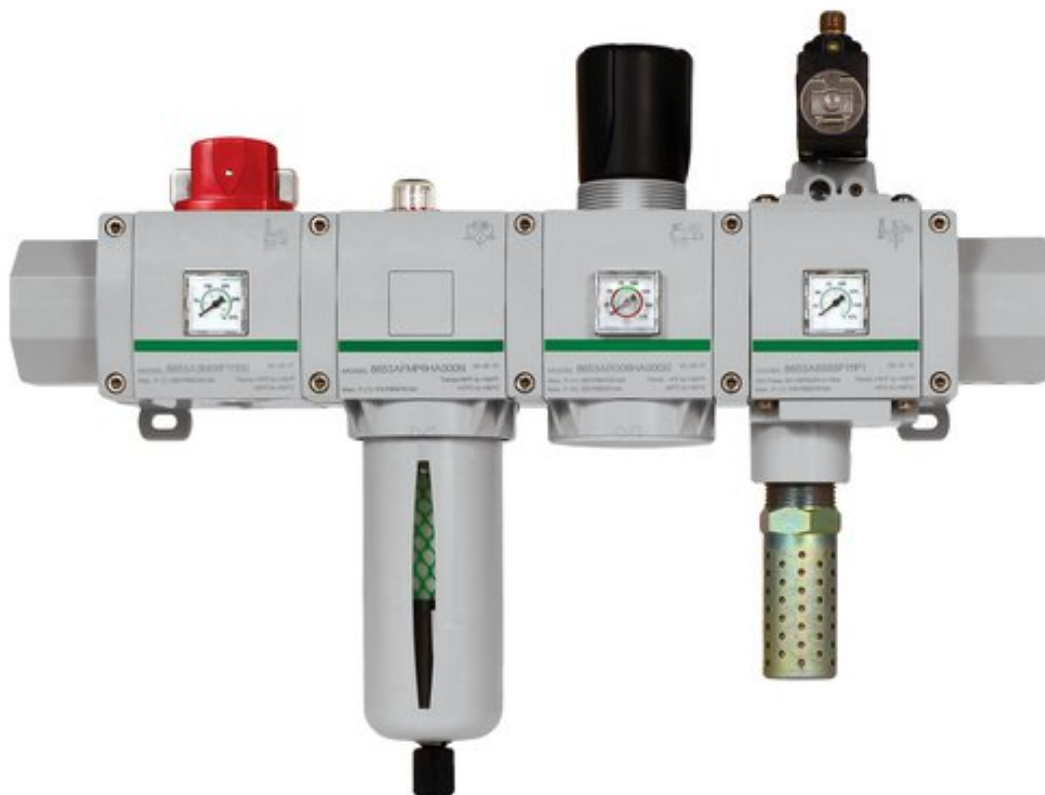


Series 653



AVENTICS™ Series 653

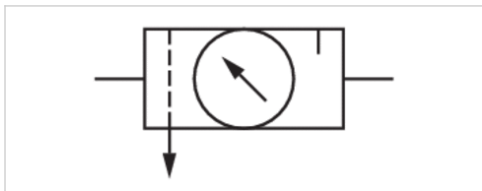


Air preparation unit, 2-part, Series 653

- G 3/4 G 1
- filter porosity 25 µm
- With integrated pressure gauge



Brand	ASCO Numatics
Version	2-part, Can be assembled into blocks
Parts	Filter pressure regulator, Lubricator
Working pressure min./max.	0 ... 10 bar
Ambient temperature min./max.	5 ... 50 °C
Medium temperature min./max.	5 ... 50 °C
Adjustment range min./max.	0.5 ... 10 bar
Condensate drain	semi-automatic, open without pressure
The delivered product varies from that in the illustration. See the drawing for an exact description.	



Technical data

Part No.	Port	filter porosity	Condensate drain
A653A0000000600	G 3/4	25 µm	semi-automatic, open without pressure
A653A0000000601	G 1	25 µm	semi-automatic, open without pressure

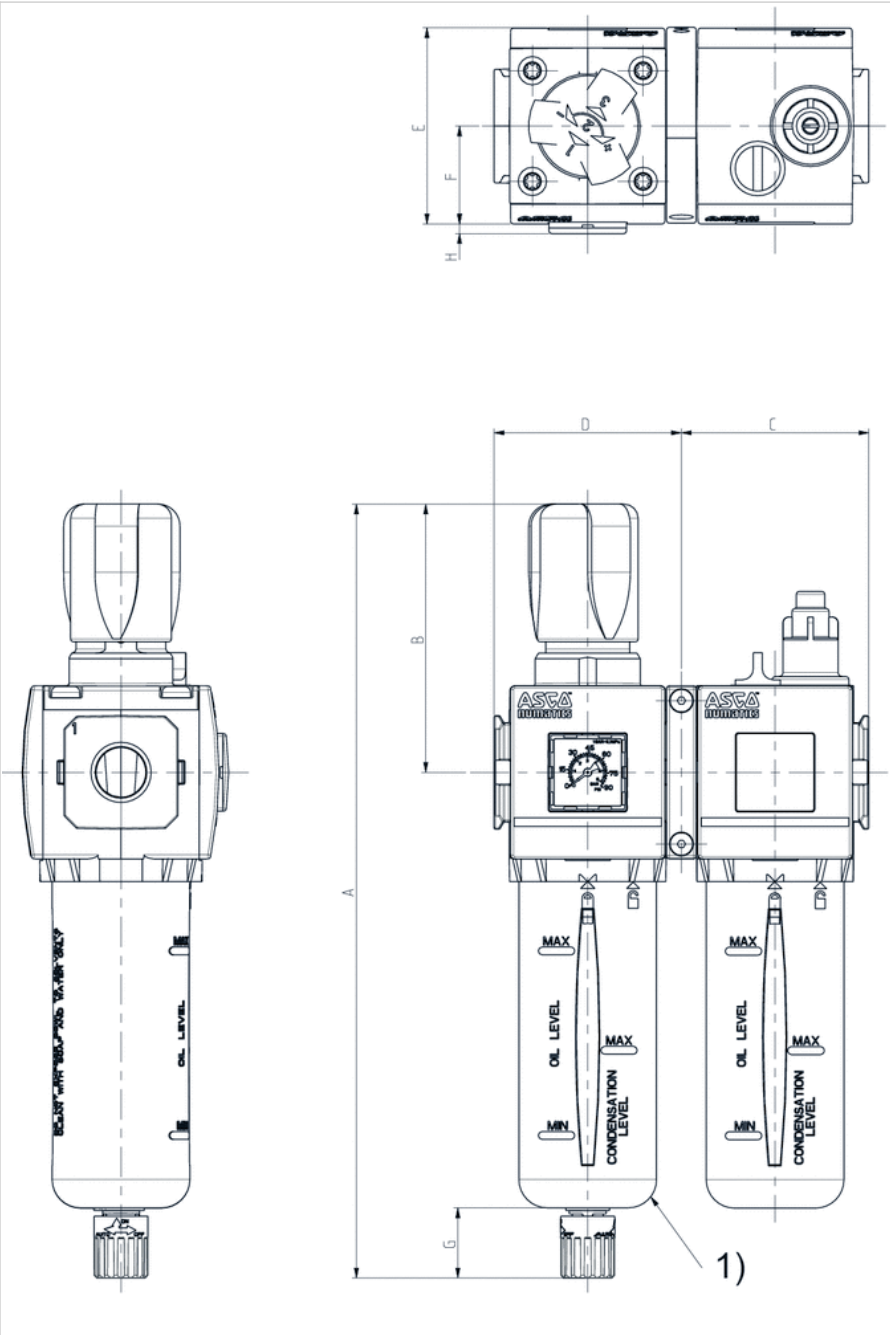
Part No.	Pressure gauge
A653A0000000600	With integrated pressure gauge
A653A0000000601	With integrated pressure gauge

Technical information

Material	
Housing	Aluminum
Seals	Nitrile butadiene rubber
Reservoir	Polycarbonate
Condensate drain	Plastic

Dimensions

Dimensions



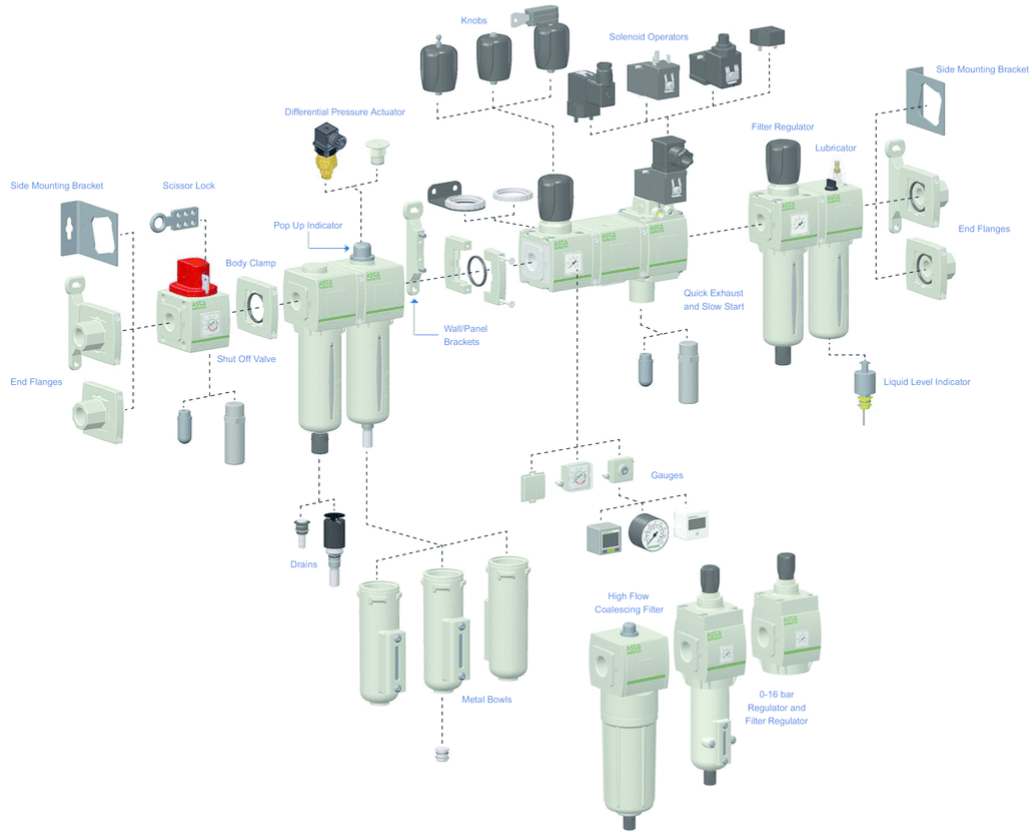
1) To remove the reservoir, allow a clearance of 105 mm from the bottom of the reservoir drain.

Dimensions

Series	A	B	C	D	E	F	G	H
653	340,2	117,5	90	90	93,6	46,8	25	2,7

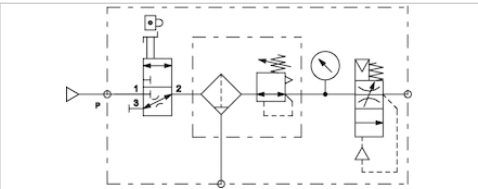
Accessories overview

Accessories overview



Air preparation unit, 3-part, Series 653

- G 3/4 G 1
- filter porosity 25 µm
- With integrated pressure gauge



Brand	ASCO Numatics
Version	3-part, Can be assembled into blocks
Parts	Shut-off valve, Filter pressure regulator, Filling valve
Working pressure min./max.	3.8 ... 10 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Adjustment range min./max.	0.5 ... 10 bar
Condensate drain	semi-automatic, open without pressure

Technical data

Part No.	Port	filter porosity	Condensate drain
A653A0000000702	G 3/4	25 µm	semi-automatic, open without pressure
A653A0000000703	G 1	25 µm	semi-automatic, open without pressure

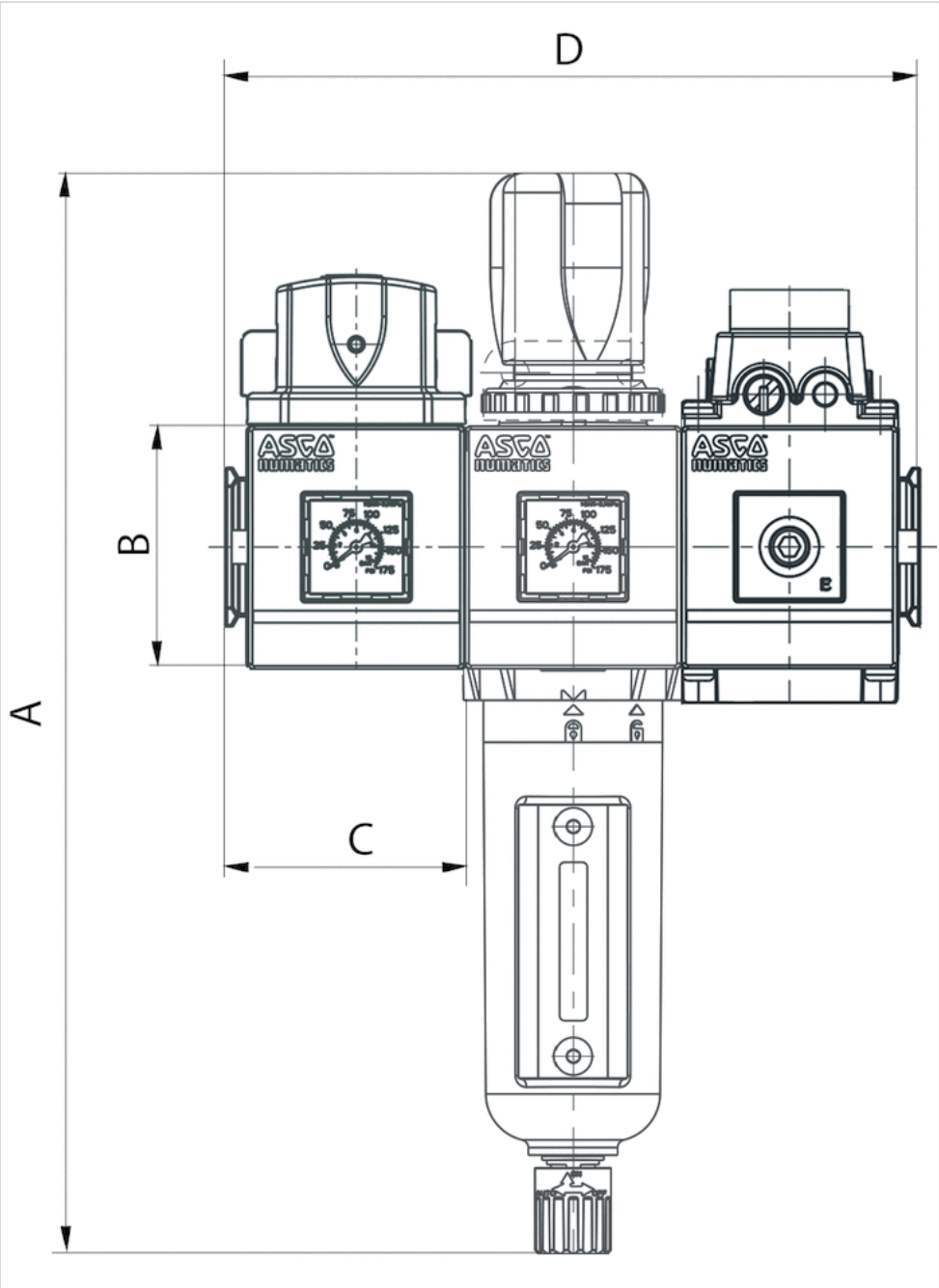
Part No.	Pressure gauge
A653A0000000702	With integrated pressure gauge
A653A0000000703	With integrated pressure gauge

Technical information

Material	
Seals	Nitrile butadiene rubber
Condensate drain	Plastic

Dimensions

Dimensions

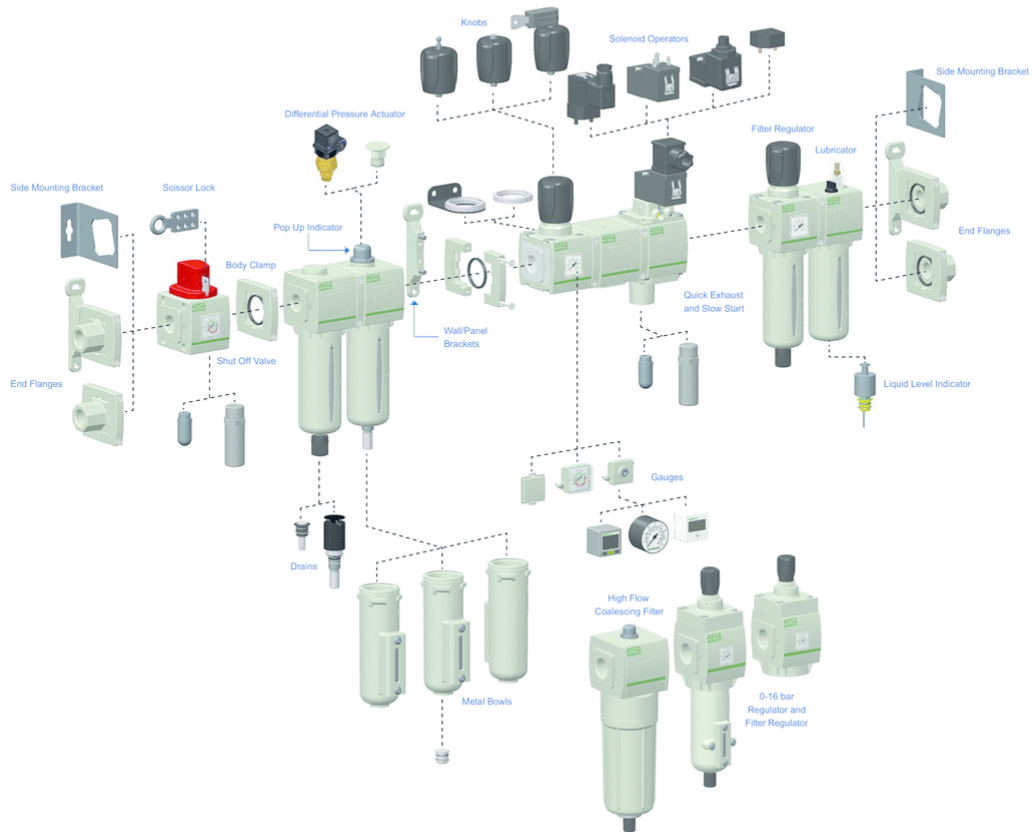


Dimensions

Series	A	B	C	D
653	340,2	93,6	90	270

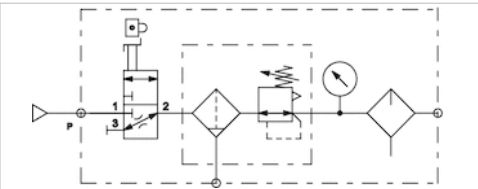
Accessories overview

Accessories overview



Air preparation unit, 3-part, Series 653

- G 3/4 G 1
- filter porosity 25 µm
- With integrated pressure gauge



Brand	ASCO Numatics
Version	3-part, Can be assembled into blocks
Parts	Shut-off valve, Filter pressure regulator, Lubricator
Working pressure min./max.	0 ... 10 bar
Ambient temperature min./max.	5 ... 50 °C
Medium temperature min./max.	5 ... 50 °C
Medium	Compressed air Neutral gases
Adjustment range min./max.	0.5 ... 10 bar
Condensate drain	semi-automatic, open without pressure

Technical data

Part No.	Port	filter porosity	Condensate drain
A653A0000000698	G 3/4	25 µm	semi-automatic, open without pressure
A653A0000000699	G 1	25 µm	semi-automatic, open without pressure

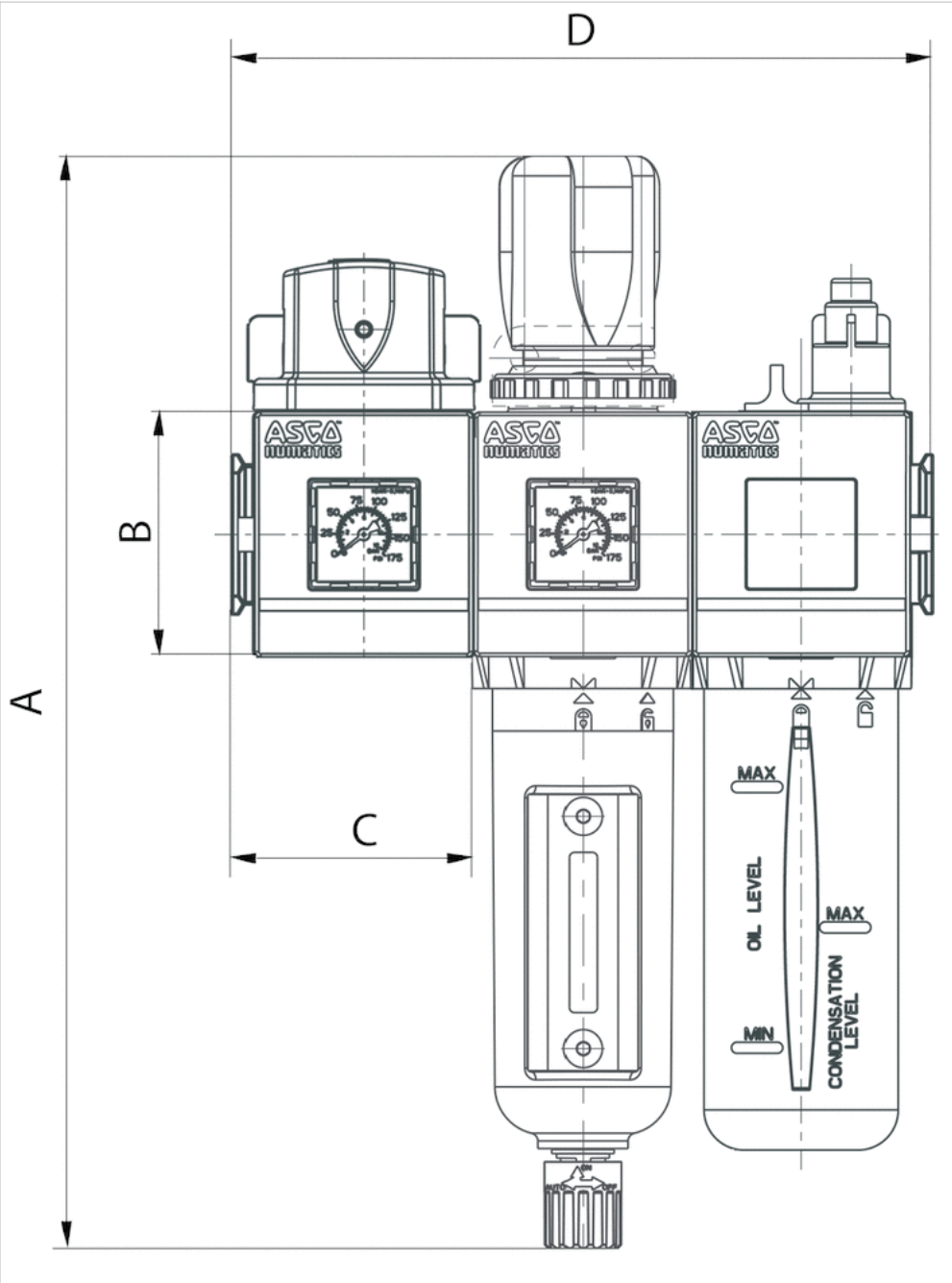
Part No.	Pressure gauge
A653A0000000698	With integrated pressure gauge
A653A0000000699	With integrated pressure gauge

Technical information

Material	
Housing	Aluminum
Seals	Nitrile butadiene rubber
Reservoir	Polycarbonate
Condensate drain	Plastic

Dimensions

Dimensions

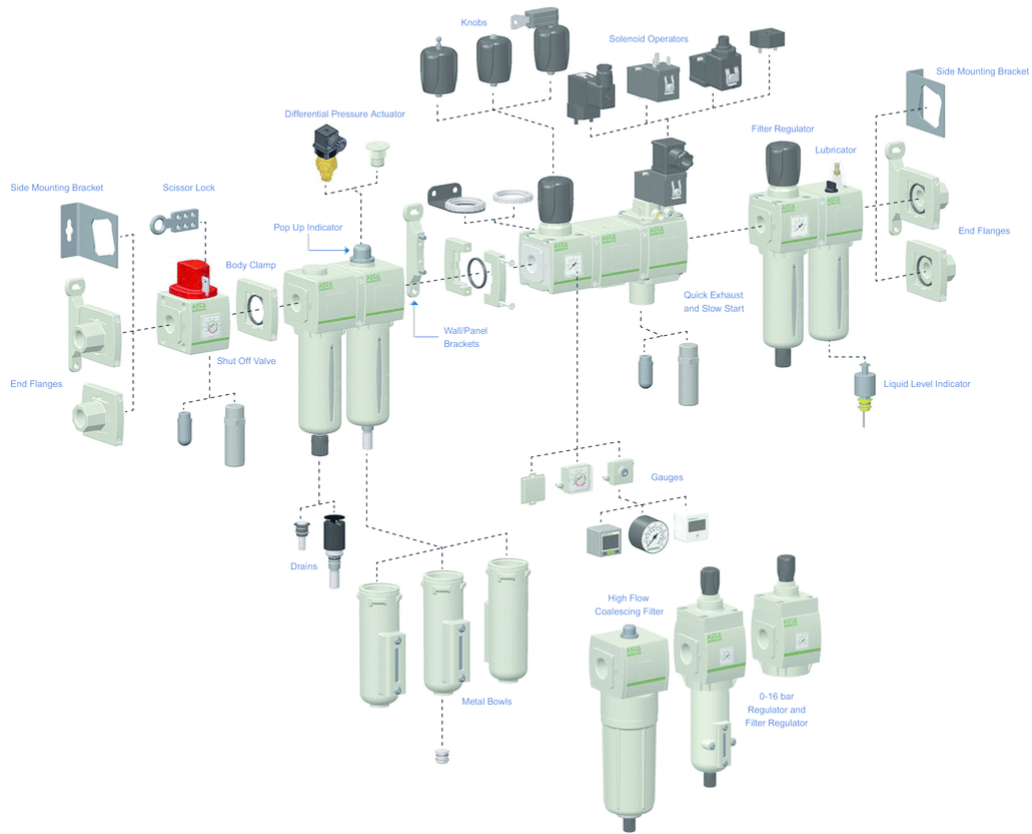


Dimensions

Series	A	B	C	D
653	340,2	93,6	90	270

Accessories overview

Accessories overview



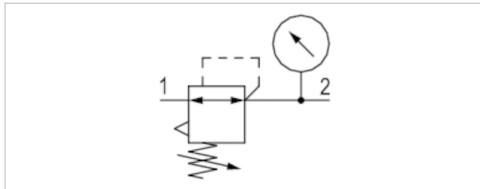
Pressure regulator, Series 653

- G 3/4 G 1

- Qn = 10000-11500 l/min



Brand	ASCO Numatics
Parts	Pressure regulator
Working pressure min./max.	0 ... 20 bar
Ambient temperature min./max.	-20 ... 50 °C
Medium temperature min./max.	-20 ... 50 °C
	Extended temperature range min./max. (optional) -40 °C ... 80 °C
Medium	Compressed air Neutral gases
Regulator type	Can be assembled into blocks
Adjustment range min./max.	See table below
Hysteresis	0.4 bar
Weight	1.1 kg
The delivered product varies from that in the illustration. See the drawing for an exact description.	



Technical data

Part No.	Port	Flow	Adjustment range min./max.
		Qn	
G653AR005GA00H0	G 3/4	10000 l/min	0.5 ... 10 bar
G653AR005PA00H0	G 3/4	10000 l/min	0.5 ... 10 bar
G653AR005QA00H0	G 3/4	10000 l/min	0.5 ... 10 bar
G653AR005GA00N0	G 3/4	10000 l/min	0.5 ... 16 bar
G653AR006GA00H0	G 1	11500 l/min	0.5 ... 10 bar
G653AR005PA00N0	G 3/4	10000 l/min	0.5 ... 16 bar
G653AR006PA00H0	G 1	11500 l/min	0.5 ... 10 bar
G653AR006GA00N0	G 1	11500 l/min	0.5 ... 16 bar
G653AR006QA00H0	G 1	11500 l/min	0.5 ... 10 bar
G653AR006PA00N0	G 1	11500 l/min	0.5 ... 16 bar

Part No.	Pressure gauge
G653AR005GA00H0	With integrated pressure gauge
G653AR005PA00H0	Transition plate for assembling a pressure gauge with connection thread G 1/8
G653AR005QA00H0	with pressure gauge
G653AR005GA00N0	With integrated pressure gauge
G653AR006GA00H0	With integrated pressure gauge
G653AR005PA00N0	Transition plate for assembling a pressure gauge with connection thread G 1/8
G653AR006PA00H0	Transition plate for assembling a pressure gauge with connection thread G 1/8
G653AR006GA00N0	With integrated pressure gauge
G653AR006QA00H0	with pressure gauge
G653AR006PA00N0	Transition plate for assembling a pressure gauge with connection thread G 1/8

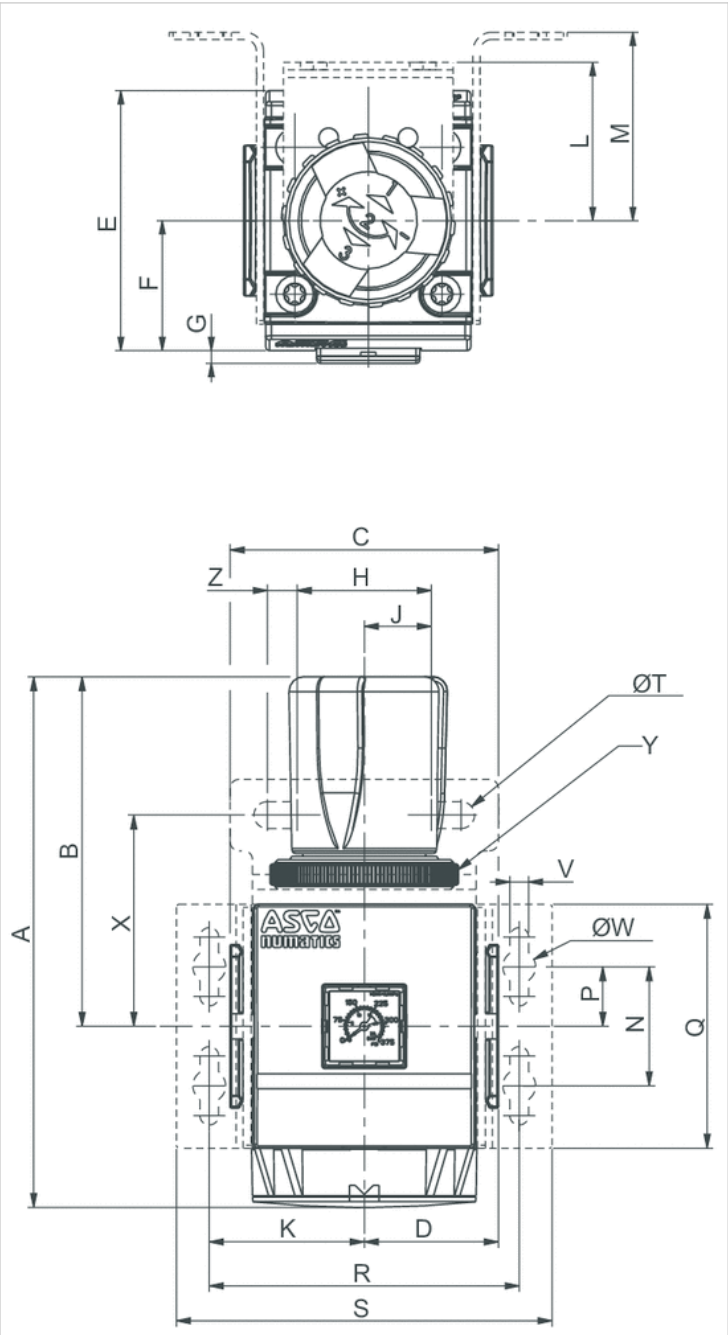
Nominal flow Qn at p1= 10 bar , p2= 6.3 bar and Δp = 1 bar

Technical information

Material	
Housing	Aluminum
Front plate	Polyamide
Seals	Nitrile butadiene rubber

Dimensions

Dimensions

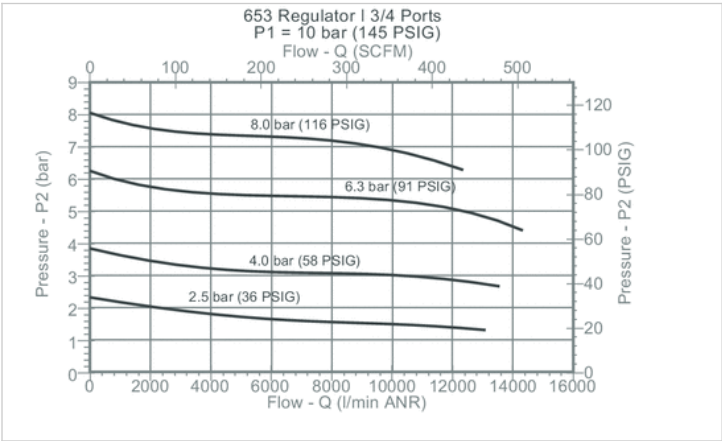


Dimensions

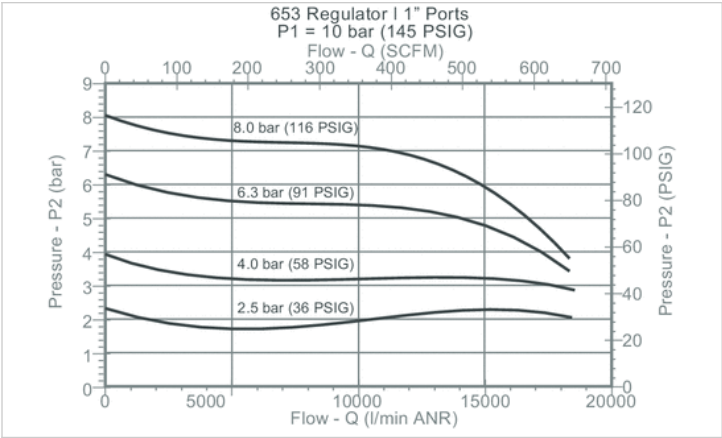
Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X	Y	Z
653	178,4	117,5	90	45	93	46,5	3	45	22,5	52	60	62	40	20	82	104	126	9	6,3	11	71	M51x2	10

Diagrams

Flow diagram, G 3/4

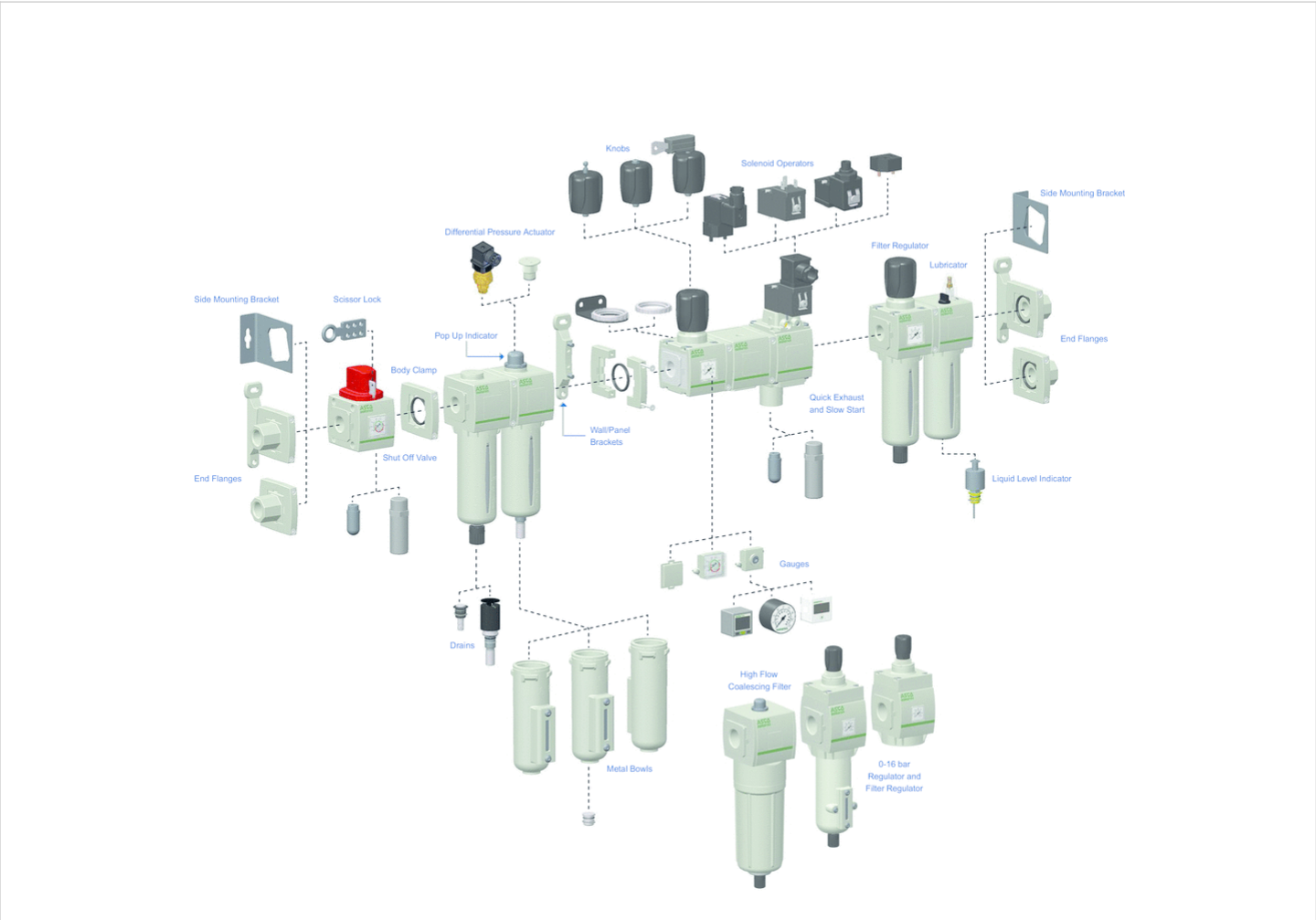


Flow diagram, G 1



Accessories overview

Accessories overview



Ordering information

G 651 A R 0 0 2 G A00 H 0

Thread connection
 G = ISO 228/1-G ⁽¹⁾
 8 = NPTF

Product series
 651
 652
 653

Revision letter
 A

Product type
 K = Regulator "Quick Relief Option" (652 only)
 R = Regulator ⁽²⁾
 W = Pilot Operated Regulator (652 only)

K/R W

Port size
 1 = 1/8 (651 Series)
 2 = 1/4 (651 or 652 Series)
 3 = 3/8 (652 Series)
 4 = 1/2 (652 Series)
 5 = 3/4 (653 Series)
 6 = 1 (653 Series)

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
 P = Port Plate Rc 1/8

B/C D G J P Q 0

Pressure range
 D = 0,2..3 bar
 H = 0,5..10 bar
 N = 0,5..16 bar (653 only)

Options ⁽³⁾
 A00 = Without option
 101 = Side Mounting Brackets
 102 = Panel Nut (651 or 652)
 103 = Tamper resistant
 104 = Key lockable
 105 = High temperature (+80°C)
 106 = Low temperature (-40°C) ⁽⁴⁾
 109 = FPM seals
 113 = Stainless steel fasteners
 114 = Provision for key lock
 117 = ATEX zones 1-21 
 119 = Panel Bracket with Panel Nut (651 or 652)
 121 = Non-relieving
 122 = Bottom oriented pressure adjustment
 123 = Gauge type mounted for right-to-left flow
 124 = CUTR Certification (EAC)
 125 = CUTR Ex
 202 = 105 + 109
 2A9 = 105 + 106

101 103 104 119 122 123



⁽¹⁾ Conforms to ISO standards 1179-1.

⁽²⁾ Relieving standard; use option 121 for non-relieving

⁽³⁾ If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asco.com).

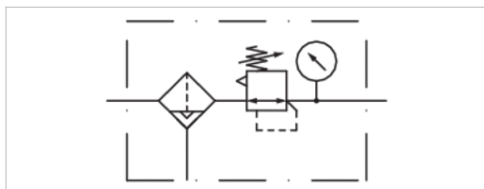
⁽⁴⁾ Compressed air must be dry enough so no ice formation is present on the product.

Filter pressure regulator, Series 653

- G 3/4 G 1
- filter porosity 5 25 µm
- With integrated pressure gauge



Brand	ASCO Numatics
Version	1-part, Can be assembled into blocks
Parts	Filter pressure regulator
Working pressure min./max.	See table below
Ambient temperature min./max.	-20 ... 50 °C
Medium temperature min./max.	-20 ... 50 °C
	Extended temperature range min./max. (optional) -40 °C ... 80 °C
Medium	Compressed air Neutral gases
Adjustment range min./max.	See table below
Hysteresis	0.4 bar
Weight	See table below
The delivered product varies from that in the illustration. See the drawing for an exact description.	



Technical data

Part No.	Port	filter porosity	Flow	Working pressure min./max.	Adjustment range min./max.
			Qn		
G653APBK5GA00HN	G 3/4	5 µm	8900 l/min	0 ... 20 bar	0.5 ... 10 bar
G653APBK6GA00HN	G 1	5 µm	9000 l/min	0 ... 20 bar	0.5 ... 10 bar
G653APBP6GA00HA	G 1	5 µm	9000 l/min	0 ... 12 bar	0.5 ... 10 bar
G653APJK5GA00HN	G 3/4	25 µm	9000 l/min	0 ... 20 bar	0.5 ... 10 bar
G653APBK5GA00HA	G 3/4	5 µm	8900 l/min	0 ... 17 bar	0.5 ... 10 bar
G653APBP5GA00HA	G 3/4	5 µm	8900 l/min	0 ... 12 bar	0.5 ... 10 bar
G653APJK5GA00HA	G 3/4	25 µm	9000 l/min	0 ... 17 bar	0.5 ... 10 bar
G653APJL6GA00NN	G 1	25 µm	10000 l/min	0 ... 20 bar	0.5 ... 16 bar
G653APBL5GA00HN	G 3/4	5 µm	8900 l/min	0 ... 20 bar	0.5 ... 10 bar
G653APBP5GA00HN	G 3/4	5 µm	8900 l/min	0 ... 12 bar	0.5 ... 10 bar
G653APJK6GA00HN	G 1	25 µm	10000 l/min	0 ... 20 bar	0.5 ... 10 bar
G653APJL5GA00NN	G 3/4	25 µm	9000 l/min	0 ... 20 bar	0.5 ... 16 bar
G653APBL5GA00HA	G 3/4	5 µm	8900 l/min	0 ... 17 bar	0.5 ... 10 bar
G653APBL5GA00NN	G 3/4	5 µm	8900 l/min	0 ... 20 bar	0.5 ... 16 bar
G653APBP6GA00HN	G 1	5 µm	9000 l/min	0 ... 12 bar	0.5 ... 10 bar
G653APJK6GA00HA	G 1	25 µm	10000 l/min	0 ... 17 bar	0.5 ... 10 bar
G653APBK6GA00HA	G 1	5 µm	9000 l/min	0 ... 17 bar	0.5 ... 10 bar
G653APBL6GA00NN	G 1	5 µm	9000 l/min	0 ... 20 bar	0.5 ... 16 bar
G653APJL5GA00HA	G 3/4	25 µm	9000 l/min	0 ... 17 bar	0.5 ... 10 bar
G653APBL6GA00HN	G 1	5 µm	9000 l/min	0 ... 20 bar	0.5 ... 10 bar
G653APJL5GA00HN	G 3/4	25 µm	9000 l/min	0 ... 20 bar	0.5 ... 10 bar
G653APBL6GA00HA	G 1	5 µm	9000 l/min	0 ... 17 bar	0.5 ... 10 bar

Part No.	Port	filter porosity	Flow	Working pressure min./max.	Adjustment range min./max.
			Qn		
G653APJL6GA00HA	G 1	25 µm	10000 l/min	0 ... 17 bar	0.5 ... 10 bar
G653APBK5GA00NN	G 3/4	5 µm	8900 l/min	0 ... 20 bar	0.5 ... 16 bar
G653APJL6GA00HN	G 1	25 µm	10000 l/min	0 ... 20 bar	0.5 ... 10 bar
G653APBK6GA00NN	G 1	5 µm	9000 l/min	0 ... 20 bar	0.5 ... 16 bar
G653APJP5GA00HA	G 3/4	25 µm	9000 l/min	0 ... 17 bar	0.5 ... 10 bar
G653APJK5GA00NN	G 3/4	25 µm	9000 l/min	0 ... 20 bar	0.5 ... 16 bar
G653APJP5GA00HN	G 3/4	25 µm	9000 l/min	0 ... 12 bar	0.5 ... 10 bar
G653APJK6GA00NN	G 1	25 µm	10000 l/min	0 ... 20 bar	0.5 ... 16 bar
G653APJP6GA00HA	G 1	25 µm	10000 l/min	0 ... 12 bar	0.5 ... 10 bar
G653APJP6GA00HN	G 1	25 µm	10000 l/min	0 ... 12 bar	0.5 ... 10 bar

Part No.	Condensate drain
G653APBK5GA00HN	semi-automatic, open without pressure
G653APBK6GA00HN	semi-automatic, open without pressure
G653APBP6GA00HA	fully automatic, open without pressure
G653APJK5GA00HN	semi-automatic, open without pressure
G653APBK5GA00HA	fully automatic, open without pressure
G653APBP5GA00HA	fully automatic, open without pressure
G653APJK5GA00HA	fully automatic, open without pressure
G653APJL6GA00NN	semi-automatic, open without pressure
G653APBL5GA00HN	semi-automatic, open without pressure
G653APBP5GA00HN	semi-automatic, open without pressure
G653APJK6GA00HN	semi-automatic, open without pressure
G653APJL5GA00NN	semi-automatic, open without pressure
G653APBL5GA00HA	fully automatic, open without pressure
G653APBL5GA00NN	semi-automatic, open without pressure
G653APBP6GA00HN	semi-automatic, open without pressure
G653APJK6GA00HA	fully automatic, open without pressure
G653APBK6GA00HA	fully automatic, open without pressure
G653APBL6GA00NN	semi-automatic, open without pressure
G653APJL5GA00HA	fully automatic, open without pressure
G653APBL6GA00HN	semi-automatic, open without pressure
G653APJL5GA00HN	semi-automatic, open without pressure
G653APBL6GA00HA	fully automatic, open without pressure
G653APJL6GA00HA	fully automatic, open without pressure
G653APBK5GA00NN	semi-automatic, open without pressure
G653APJL6GA00HN	semi-automatic, open without pressure
G653APBK6GA00NN	semi-automatic, open without pressure
G653APJP5GA00HA	fully automatic, open without pressure
G653APJK5GA00NN	semi-automatic, open without pressure
G653APJP5GA00HN	semi-automatic, open without pressure
G653APJK6GA00NN	semi-automatic, open without pressure
G653APJP6GA00HA	fully automatic, open without pressure
G653APJP6GA00HN	semi-automatic, open without pressure

Part No.	Pressure gauge	Reservoir
G653APBK5GA00HN	With integrated pressure gauge	Aluminum

Part No.	Pressure gauge	Reservoir
G653APBK6GA00HN	With integrated pressure gauge	Aluminum
G653APBP6GA00HA	With integrated pressure gauge	-
G653APJK5GA00HN	With integrated pressure gauge	Aluminum
G653APBK5GA00HA	With integrated pressure gauge	Aluminum
G653APBP5GA00HA	With integrated pressure gauge	-
G653APJK5GA00HA	With integrated pressure gauge	Aluminum
G653APJL6GA00NN	With integrated pressure gauge	-
G653APBL5GA00HN	With integrated pressure gauge	-
G653APBP5GA00HN	With integrated pressure gauge	-
G653APJK6GA00HN	With integrated pressure gauge	Aluminum
G653APJL5GA00NN	With integrated pressure gauge	-
G653APBL5GA00HA	With integrated pressure gauge	-
G653APBL5GA00NN	With integrated pressure gauge	-
G653APBP6GA00HN	With integrated pressure gauge	-
G653APJK6GA00HA	With integrated pressure gauge	Aluminum
G653APBK6GA00HA	With integrated pressure gauge	Aluminum
G653APBL6GA00NN	With integrated pressure gauge	-
G653APJL5GA00HA	With integrated pressure gauge	-
G653APBL6GA00HN	With integrated pressure gauge	-
G653APJL5GA00HN	With integrated pressure gauge	-
G653APBL6GA00HA	With integrated pressure gauge	-
G653APJL6GA00HA	With integrated pressure gauge	-
G653APBK5GA00NN	With integrated pressure gauge	Aluminum
G653APJL6GA00HN	With integrated pressure gauge	-
G653APBK6GA00NN	With integrated pressure gauge	Aluminum
G653APJP5GA00HA	With integrated pressure gauge	-
G653APJK5GA00NN	With integrated pressure gauge	Aluminum
G653APJP5GA00HN	With integrated pressure gauge	-
G653APJK6GA00NN	With integrated pressure gauge	Aluminum
G653APJP6GA00HA	With integrated pressure gauge	-
G653APJP6GA00HN	With integrated pressure gauge	-

Part No.	Material Reservoir	Material Condensate drain	Weight
G653APBK5GA00HN	Metal reservoir without window	Plastic	1.56 kg
G653APBK6GA00HN	Metal reservoir without window	Plastic	1.56 kg
G653APBP6GA00HA	Reservoir polycarbonate	Brass	1.31 kg
G653APJK5GA00HN	Metal reservoir without window	Plastic	1.56 kg
G653APBK5GA00HA	Metal reservoir without window	Brass	1.56 kg
G653APBP5GA00HA	Reservoir polycarbonate	Brass	1.31 kg
G653APJK5GA00HA	Metal reservoir without window	Brass	1.56 kg
G653APJL6GA00NN	reservoir, metal, with inspection glass	Plastic	1.56 kg
G653APBL5GA00HN	reservoir, metal, with inspection glass	Plastic	1.56 kg
G653APBP5GA00HN	Reservoir polycarbonate	Plastic	1.31 kg
G653APJK6GA00HN	Metal reservoir without window	Plastic	1.56 kg
G653APJL5GA00NN	reservoir, metal, with inspection glass	Plastic	1.56 kg
G653APBL5GA00HA	reservoir, metal, with inspection glass	Brass	1.56 kg
G653APBL5GA00NN	reservoir, metal, with inspection glass	Plastic	1.56 kg

Part No.	Material Reservoir	Material Condensate drain	Weight
G653APBP6GA00HN	Reservoir polycarbonate	Plastic	1.31 kg
G653APJK6GA00HA	Metal reservoir without window	Brass	1.56 kg
G653APBK6GA00HA	Metal reservoir without window	Brass	1.56 kg
G653APBL6GA00NN	reservoir, metal, with inspection glass	Plastic	1.56 kg
G653APJL5GA00HA	reservoir, metal, with inspection glass	Brass	1.56 kg
G653APBL6GA00HN	reservoir, metal, with inspection glass	Plastic	1.56 kg
G653APJL5GA00HN	reservoir, metal, with inspection glass	Plastic	1.56 kg
G653APBL6GA00HA	reservoir, metal, with inspection glass	Brass	1.56 kg
G653APJL6GA00HA	reservoir, metal, with inspection glass	Brass	1.56 kg
G653APBK5GA00NN	Metal reservoir without window	Plastic	1.56 kg
G653APJL6GA00HN	reservoir, metal, with inspection glass	Plastic	1.56 kg
G653APBK6GA00NN	Metal reservoir without window	Plastic	1.56 kg
G653APJP5GA00HA	Reservoir polycarbonate	Brass	1.31 kg
G653APJK5GA00NN	Metal reservoir without window	Plastic	1.56 kg
G653APJP5GA00HN	Reservoir polycarbonate	Plastic	1.31 kg
G653APJK6GA00NN	Metal reservoir without window	Plastic	1.56 kg
G653APJP6GA00HA	Reservoir polycarbonate	Brass	1.31 kg
G653APJP6GA00HN	Reservoir polycarbonate	Plastic	1.31 kg

Nominal flow Qn at p1= 10 bar , p2= 6.3 bar and Δp = 1 bar

Technical information

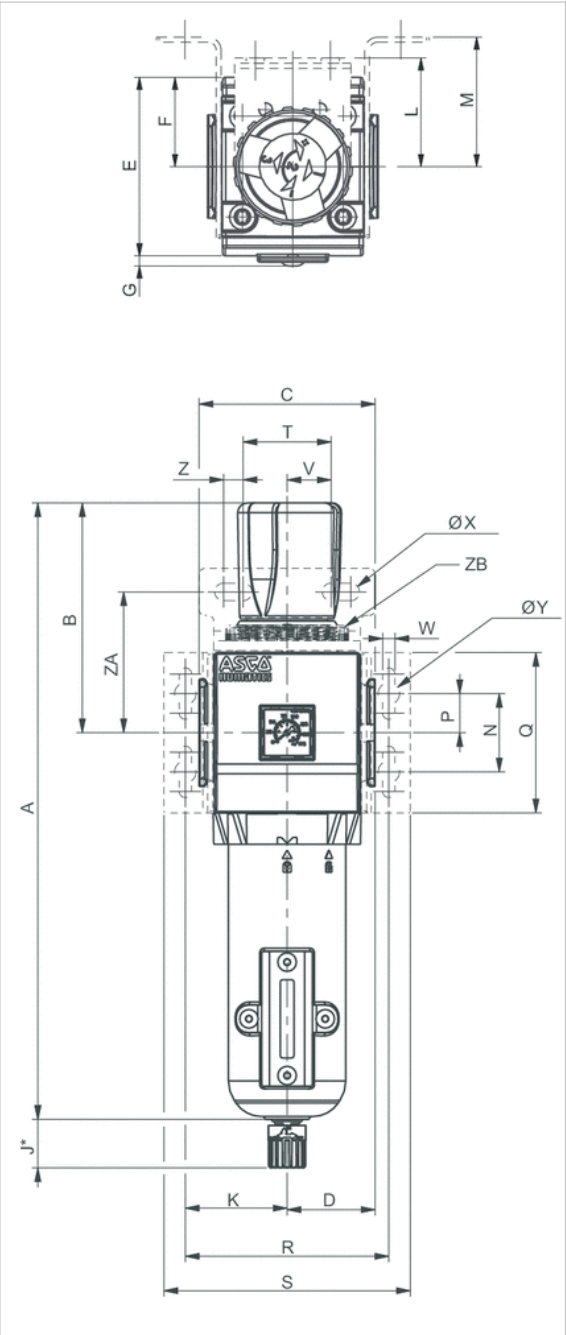
Max. achievable compressed air class acc. to ISO 8573-1:2010 5 : 8 : 4 (5 µm filter porosity) und 6 : 8 : 4 (25µm filter porosity)
Other filter porosities on request.

Technical information

Material	
Housing	Aluminum
Front plate	Polyamide
Seals	Nitrile butadiene rubber
Reservoir	Aluminum
Filter insert	Sintered bronze
Condensate drain	Plastic Brass

Dimensions

Dimensions



To remove the reservoir, allow a clearance of 105 mm from the bottom of the reservoir drain.

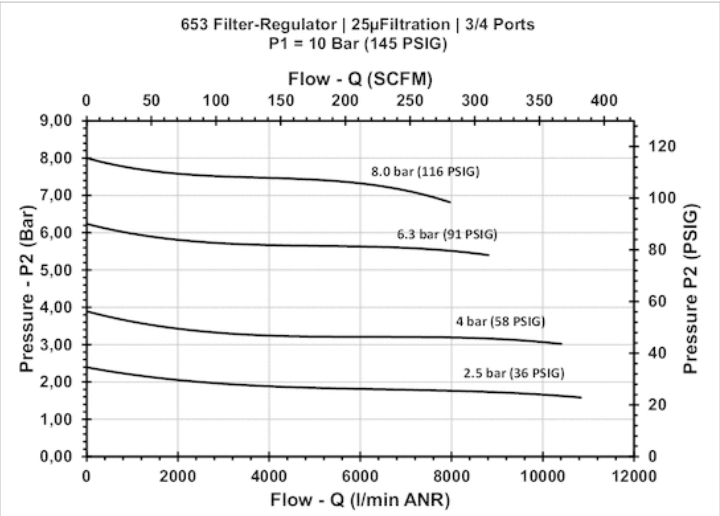
*Variable dimension based on the type of drain specified, if an automatic drain is specified, add another 5 mm to the “J” dimension.

Dimensions

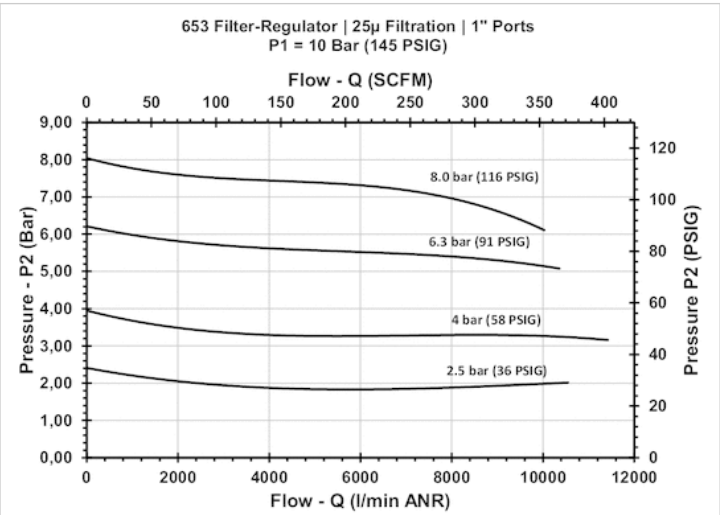
Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X	Y
653	329,5	132	90	45	93,6	46,2	2,7	158,9	25	41,75	42	50	20	10	61,5	84	105,5	29	14,5	6,3	7	11

Diagrams

Flow diagram, G 3/4

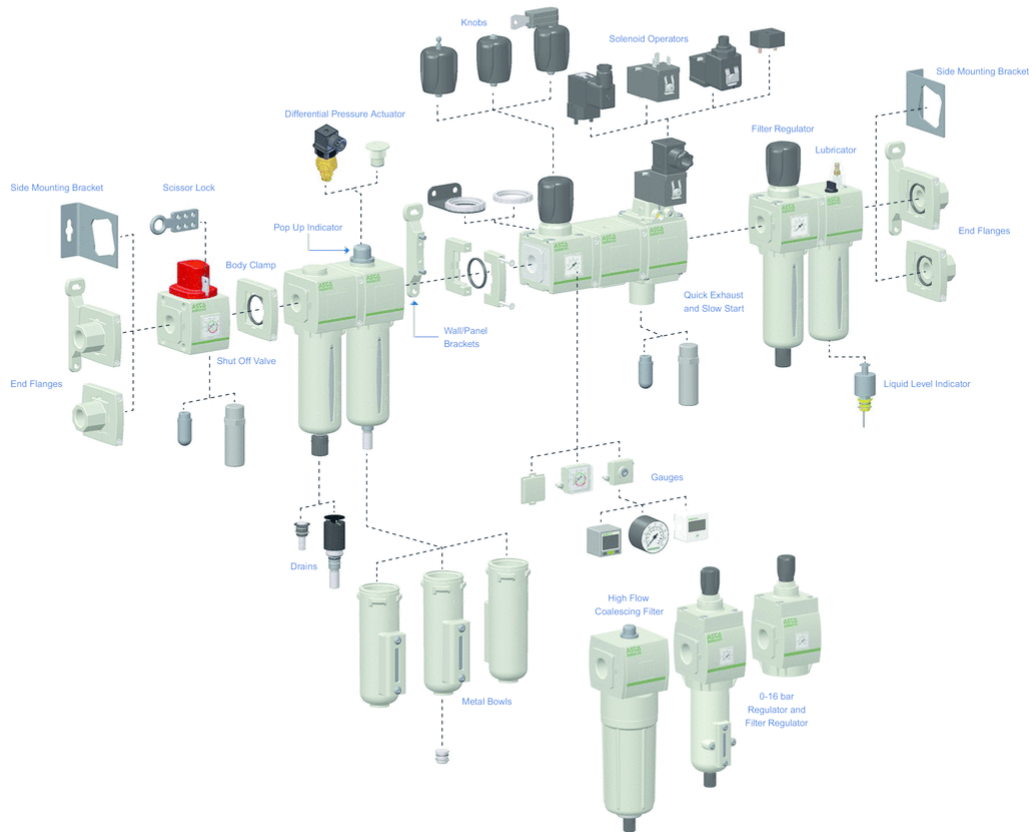


Flow diagram, G 1



Accessories overview

Accessories overview



Ordering information

G 651 A P B P 2 G A00 H N

Thread connection
 G = ISO 228/1-G ⁽¹⁾
 8 = NPTF

Product series
 651
 652
 653

Revision letter
 A

Product type
 P = Filter/Regulator - Particulate

Elements
 B = 5 µm (White)
 J = 25 µm (Yellow)

Bowl type
 K = Metal bowl without sight gauge
 L = Metal bowl with sight gauge (glass)
 P = Polycarbonate bowl with bowl guard

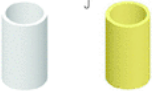
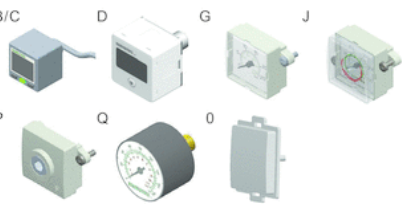
Port size
 1 = 1/8 (651 Series)
 2 = 1/4 (651 or 652 Series)
 3 = 3/8 (652 Series)
 4 = 1/2 (652 Series)
 5 = 3/4 (653 Series)
 6 = 1 (653 Series)

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
 P = Port Plate Rc 1/8

Drain type
 0 = Without
 A = Auto drain normally open
 N = Manual/Semi-automatic drain
 Q = Manual drain - Stainless steel

Pressure range
 D = 0,2...3 bar
 H = 0,5...10 bar
 N = 0,5...16 bar (653 only) ⁽²⁾

Options ⁽³⁾
 A00 = Without option
 101 = Side Mounting Brackets
 102 = Panel Nut (651 or 652)
 103 = Tamper resistant
 104 = Key lockable
 105 = High temperature (+80°C)
 106 = Low temperature (-40°C) ⁽⁴⁾
 109 = FPM seals
 113 = Stainless steel fasteners
 114 = Provision for key lock
 117 = ATEX zones 1-21 
 119 = Panel Bracket with Panel Nut (651 or 652)
 121 = Non-relieving
 123 = Gauge type mounted for right-to-left flow
 124 = CUTR Certification (EAC)
 125 = CUTR Ex
 202 = 105 + 109
 2A9 = 105 + 106

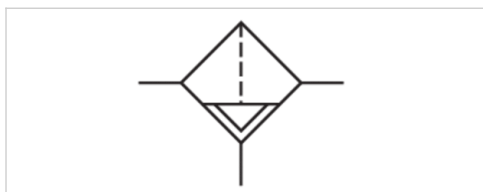
Images:
 - Bowl types B and J: 
 - Gauge types B/C, D, G, J, Q, 0, P: 
 - Drain types A, N, Q: 
 - Options 101, 103, 104, 119: 
 - Option 123: 

⁽¹⁾ Conforms to ISO standards 1179-1.
⁽²⁾ Metal Bowl Types K or L only.
⁽³⁾ If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asco.com).
⁽⁴⁾ Compressed air must be dry enough so no ice formation is present on the product. All bowls should be emptied prior to ambient temperatures dropping below 0°C.

Filter, Series 653

- G 3/4 G 1

- filter porosity 5 25 µm



Brand	ASCO Numatics
Version	Can be assembled into blocks
Parts	Filter
Working pressure min./max.	See table below
Ambient temperature min./max.	-20 ... 50 °C
Medium temperature min./max.	-20 ... 50 °C
	Extended temperature range min./max. (optional) -40 °C ... 80 °C
Medium	Compressed air Neutral gases
Condensate drain	See table below
Weight	See table below
The delivered product varies from that in the illustration. See the drawing for an exact description.	

Technical data

Part No.	Port	filter porosity	Flow Qn	Working pressure min./max.
G653ABBK5JA000A	G 3/4	5 µm	4000 l/min	0 ... 20 bar
G653ABBP5JA000N	G 3/4	5 µm	4700 l/min	0 ... 12 bar
G653ABJK5JA000N	G 3/4	25 µm	4700 l/min	0 ... 20 bar
G653ABBK5JA000N	G 3/4	5 µm	4000 l/min	0 ... 20 bar
G653ABBL5JA000A	G 3/4	5 µm	4000 l/min	0 ... 20 bar
G653ABJK5JA000A	G 3/4	25 µm	4700 l/min	0 ... 20 bar
G653ABBK6JA000A	G 1	5 µm	4250 l/min	0 ... 20 bar
G653ABBP6JA000N	G 1	5 µm	4250 l/min	0 ... 12 bar
G653ABJL5JA000A	G 3/4	25 µm	4700 l/min	0 ... 20 bar
G653ABBK6JA000N	G 1	5 µm	4250 l/min	0 ... 20 bar
G653ABBL5JA000N	G 3/4	5 µm	4000 l/min	0 ... 20 bar
G653ABJK6JA000N	G 1	25 µm	5000 l/min	0 ... 20 bar
G653ABBL6JA000N	G 1	5 µm	4250 l/min	0 ... 20 bar
G653ABBP5JA000A	G 3/4	5 µm	4000 l/min	0 ... 12 bar
G653ABJL6JA000A	G 1	25 µm	5000 l/min	0 ... 20 bar
G653ABBL6JA000A	G 1	5 µm	4250 l/min	0 ... 20 bar
G653ABBP6JA000A	G 1	5 µm	4250 l/min	0 ... 12 bar
G653ABJK6JA000A	G 1	25 µm	5000 l/min	0 ... 20 bar
G653ABJL5JA000N	G 3/4	25 µm	4700 l/min	0 ... 20 bar
G653ABJL6JA000N	G 1	25 µm	5000 l/min	0 ... 20 bar
G653ABJP5JA000A	G 3/4	25 µm	4700 l/min	0 ... 12 bar
G653ABJP5JA000N	G 3/4	25 µm	4700 l/min	0 ... 12 bar
G653ABJP6JA000A	G 1	25 µm	5000 l/min	0 ... 12 bar

Part No.	Port	filter porosity	Flow Qn	Working pressure min./max.
G653ABJP6JA000N	G 1	25 µm	5000 l/min	0 ... 12 bar

Part No.	Condensate drain	Material Condensate drain
G653ABBK5JA000A	fully automatic, open without pressure	Brass
G653ABBP5JA000N	semi-automatic, open without pressure	Plastic
G653ABJK5JA000N	semi-automatic, open without pressure	Plastic
G653ABBK5JA000N	semi-automatic, open without pressure	Plastic
G653ABBL5JA000A	fully automatic, open without pressure	Brass
G653ABJK5JA000A	fully automatic, open without pressure	Brass
G653ABBK6JA000A	fully automatic, open without pressure	Brass
G653ABBP6JA000N	semi-automatic, open without pressure	Plastic
G653ABJL5JA000A	fully automatic, open without pressure	Brass
G653ABBK6JA000N	semi-automatic, open without pressure	Plastic
G653ABBL5JA000N	semi-automatic, open without pressure	Plastic
G653ABJK6JA000N	semi-automatic, open without pressure	Plastic
G653ABBL6JA000N	semi-automatic, open without pressure	Plastic
G653ABBP5JA000A	fully automatic, open without pressure	Brass
G653ABJL6JA000A	fully automatic, open without pressure	Brass
G653ABBL6JA000A	fully automatic, open without pressure	Brass
G653ABBP6JA000A	fully automatic, open without pressure	Brass
G653ABJK6JA000A	fully automatic, open without pressure	Brass
G653ABJL5JA000N	semi-automatic, open without pressure	Plastic
G653ABJL6JA000N	semi-automatic, open without pressure	Plastic
G653ABJP5JA000A	fully automatic, open without pressure	Brass
G653ABJP5JA000N	semi-automatic, open without pressure	Plastic
G653ABJP6JA000A	fully automatic, open without pressure	Brass
G653ABJP6JA000N	semi-automatic, open without pressure	Plastic

Part No.	Version	Weight
G653ABBK5JA000A	Metal reservoir without window	1.14 kg
G653ABBP5JA000N	reservoir, PA, with PA protective guard	0.93 kg
G653ABJK5JA000N	Metal reservoir without window	1.14 kg
G653ABBK5JA000N	Metal reservoir without window	1.14 kg
G653ABBL5JA000A	reservoir, metal, with inspection glass	1.14 kg
G653ABJK5JA000A	Metal reservoir without window	1.14 kg
G653ABBK6JA000A	Metal reservoir without window	1.14 kg
G653ABBP6JA000N	reservoir, PA, with PA protective guard	0.93 kg
G653ABJL5JA000A	reservoir, metal, with inspection glass	1.14 kg
G653ABBK6JA000N	Metal reservoir without window	1.14 kg
G653ABBL5JA000N	reservoir, metal, with inspection glass	1.14 kg
G653ABJK6JA000N	Metal reservoir without window	1.14 kg
G653ABBL6JA000N	reservoir, metal, with inspection glass	1.14 kg
G653ABBP5JA000A	reservoir, PA, with PA protective guard	0.93 kg
G653ABJL6JA000A	reservoir, metal, with inspection glass	1.14 kg
G653ABBL6JA000A	reservoir, metal, with inspection glass	1.14 kg
G653ABBP6JA000A	reservoir, PA, with PA protective guard	0.93 kg
G653ABJK6JA000A	Metal reservoir without window	1.14 kg

Part No.	Version	Weight
G653ABJL5JA000N	reservoir, metal, with inspection glass	1.14 kg
G653ABJL6JA000N	reservoir, metal, with inspection glass	1.14 kg
G653ABJP5JA000A	reservoir, PA, with PA protective guard	0.93 kg
G653ABJP5JA000N	reservoir, PA, with PA protective guard	0.93 kg
G653ABJP6JA000A	reservoir, PA, with PA protective guard	0.93 kg
G653ABJP6JA000N	reservoir, PA, with PA protective guard	0.93 kg

Nominal flow Q_n at p₁= 10 bar , p₂= 6.3 bar and Δp = 0.35 bar

Technical information

Other filter porosities on request.

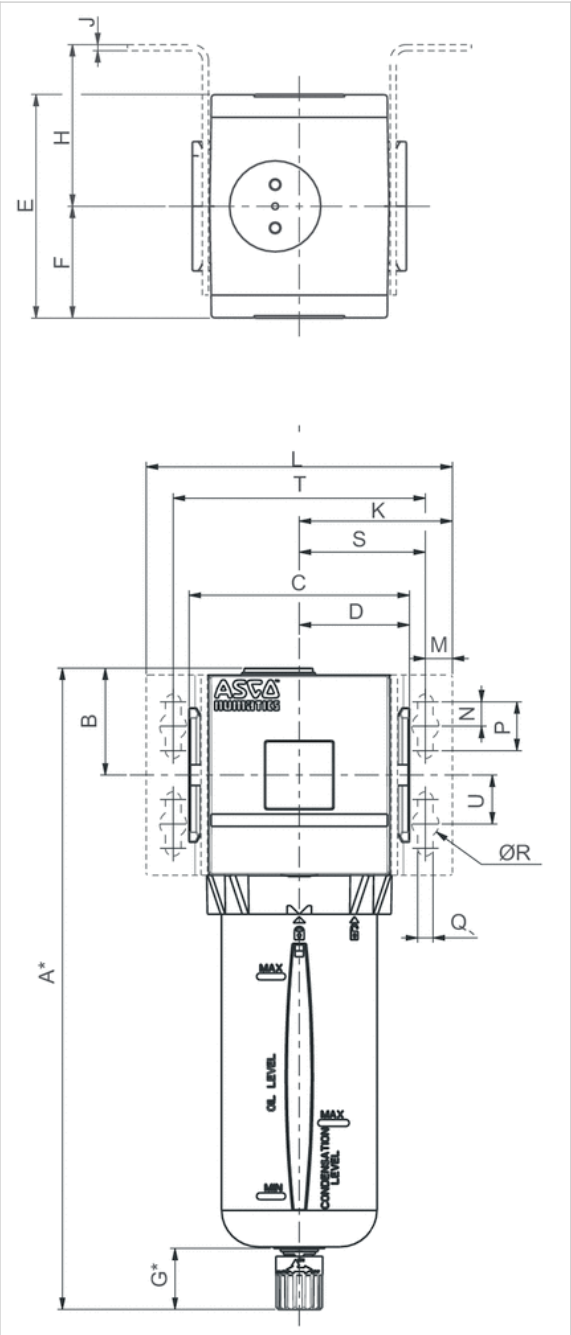
Max. achievable compressed air class acc. to ISO 8573-1:2010 1 : - : 2

Technical information

Material	
Housing	Aluminum
Seals	Nitrile butadiene rubber
Filter insert	Sintered polyethylene
Condensate drain	Brass Plastic

Dimensions

Dimensions



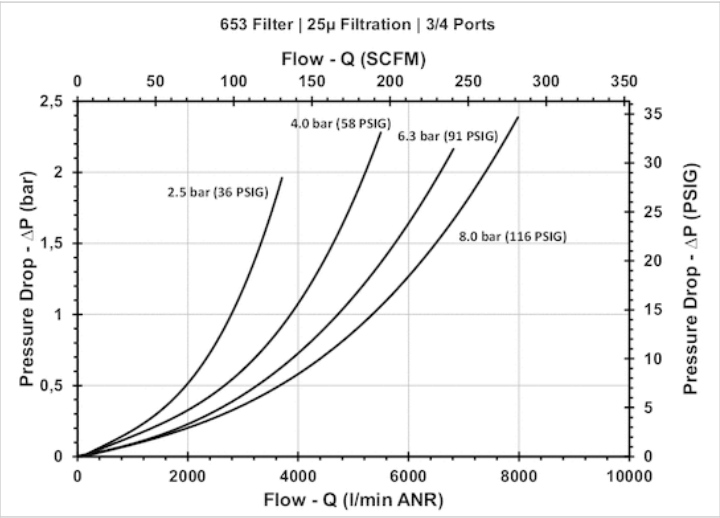
*Variable dimension based on the type of drain specified, if an automatic drain is specified, add another 5 mm to the “G” dimension, which also adds 5 mm to the “A” dimension.

Dimensions

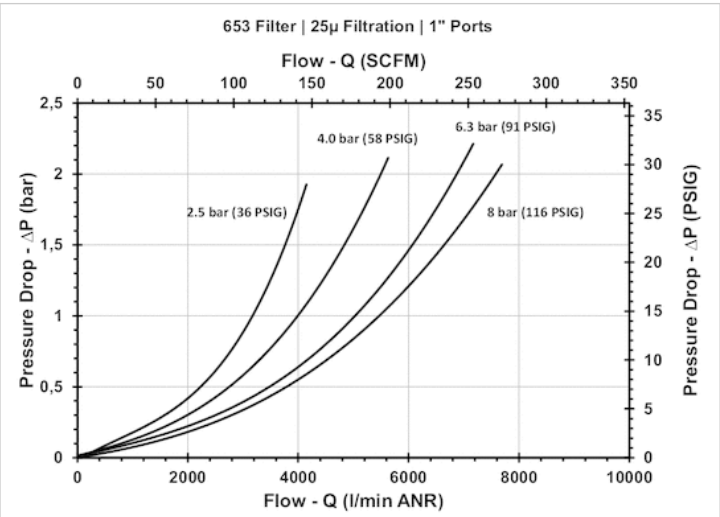
Series	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
653	260,7	43,8	90	45	93,2	46,6	25	62	3	62,5	125	11	10	20	6,3	11	51,5	103	20

Diagrams

Flow diagram, G 3/4

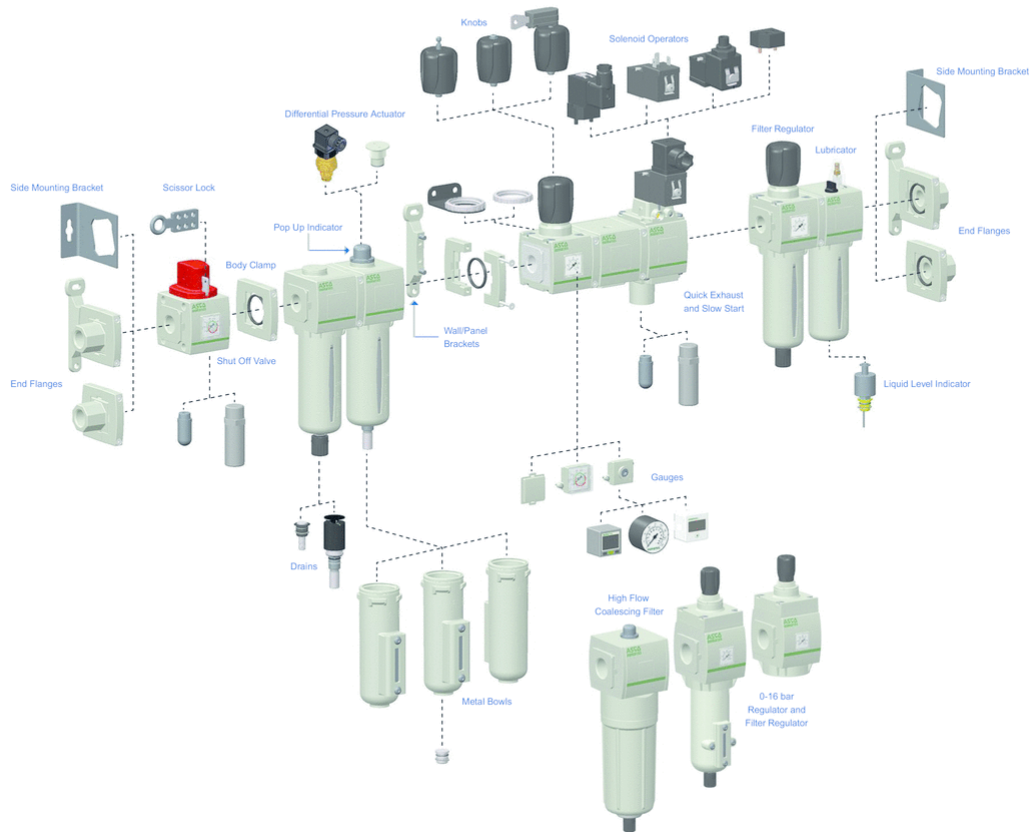


Flow diagram, G 1



Accessories overview

Accessories overview



Ordering information

G 651 A B B P 2 J A00 0 N

Thread connection
 G = ISO 228/1-G ⁽¹⁾
 8 = NPTF

Product series
 651
 652
 653

Revision letter
 A

Product type
 B = Filter - Particulate

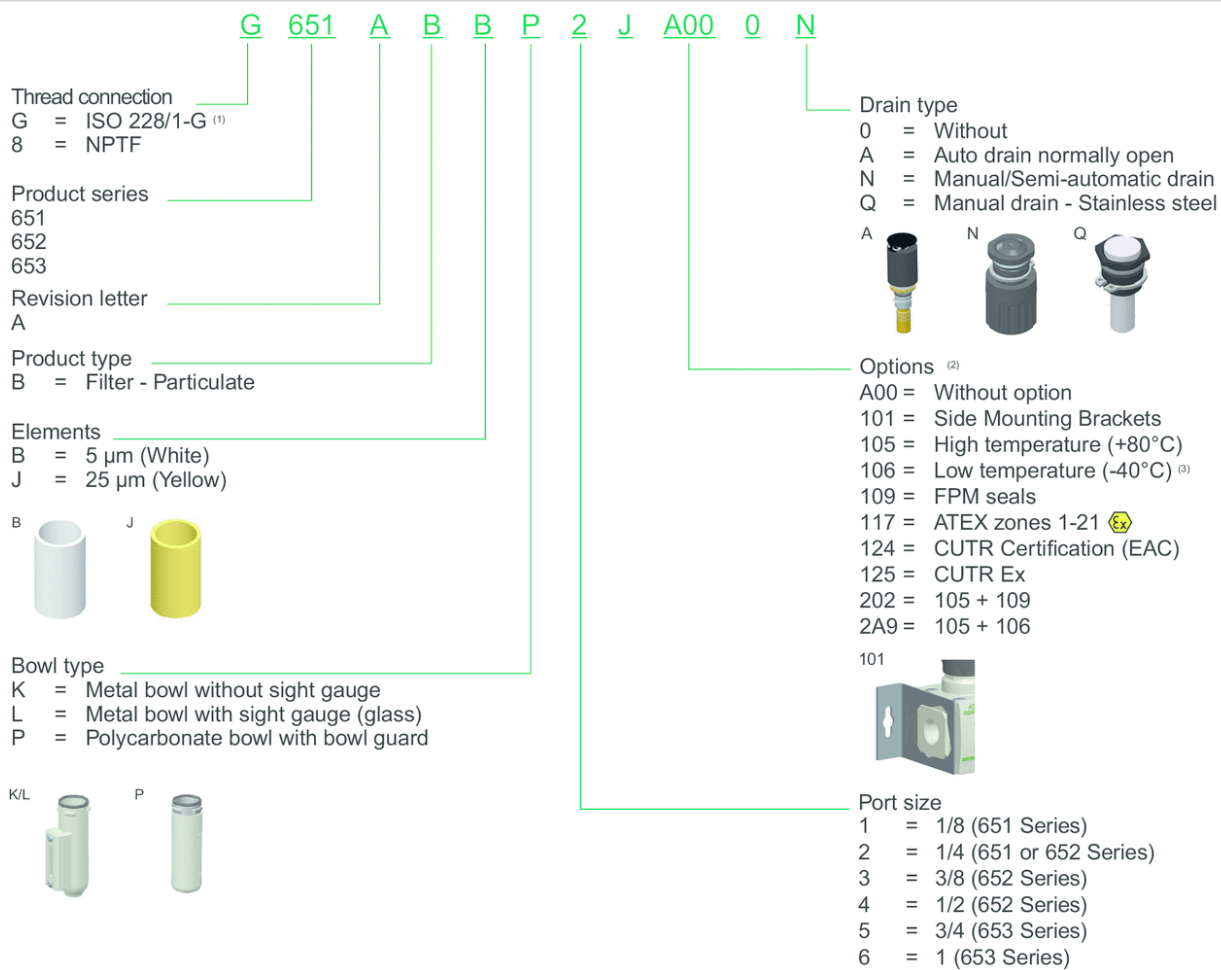
Elements
 B = 5 µm (White)
 J = 25 µm (Yellow)

Bowl type
 K = Metal bowl without sight gauge
 L = Metal bowl with sight gauge (glass)
 P = Polycarbonate bowl with bowl guard

Drain type
 0 = Without
 A = Auto drain normally open
 N = Manual/Semi-automatic drain
 Q = Manual drain - Stainless steel

Options ⁽²⁾
 A00 = Without option
 101 = Side Mounting Brackets
 105 = High temperature (+80°C)
 106 = Low temperature (-40°C) ⁽³⁾
 109 = FPM seals
 117 = ATEX zones 1-21 
 124 = CUTR Certification (EAC)
 125 = CUTR Ex
 202 = 105 + 109
 2A9 = 105 + 106

Port size
 1 = 1/8 (651 Series)
 2 = 1/4 (651 or 652 Series)
 3 = 3/8 (652 Series)
 4 = 1/2 (652 Series)
 5 = 3/4 (653 Series)
 6 = 1 (653 Series)

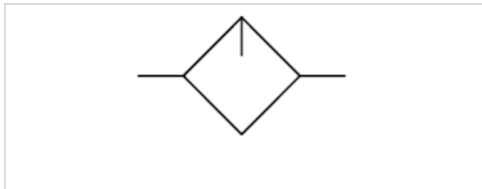


Standard oil-mist lubricator, Series 653

- G 3/4 G 1



Brand	ASCO Numatics
Version	Can be assembled into blocks
Parts	Standard oil-mist lubricator
Working pressure min./max.	See table below
Ambient temperature min./max.	5 ... 50 °C
Medium temperature min./max.	5 ... 50 °C
Medium	Compressed air Neutral gases
Lubricator reservoir volume	200 cm ³
Weight	See table below
The delivered product varies from that in the illustration. See the drawing for an exact description.	



Technical data

Part No.	Port	Nominal flow Q _n	Working pressure min./max.	Material Reservoir
G653AL0K50A0000	G 3/4	13000 l/min	0 ... 16 bar	Aluminum
G653AL0K60A0000	G 1	13000 l/min	0 ... 16 bar	Aluminum
G653AL0L50A0000	G 3/4	13000 l/min	0 ... 16 bar	Aluminum
G653AL0L60A0000	G 1	13000 l/min	0 ... 16 bar	Aluminum
G653AL0P50A0000	G 3/4	13000 l/min	0 ... 10 bar	Polycarbonate
G653AL0P60A0000	G 3/4	13000 l/min	0 ... 10 bar	Polycarbonate

Part No.	Reservoir	Weight
G653AL0K50A0000	Metal reservoir without window	1.16 kg
G653AL0K60A0000	Metal reservoir without window	1.16 kg
G653AL0L50A0000	reservoir, metal, with inspection glass	1.16 kg
G653AL0L60A0000	reservoir, metal, with inspection glass	1.16 kg
G653AL0P50A0000	Reservoir polycarbonate	0.93 kg
G653AL0P60A0000	Reservoir polycarbonate	0.93 kg

Nominal flow Q_n at 6.3 bar and Δp = 0.8 bar

Technical information

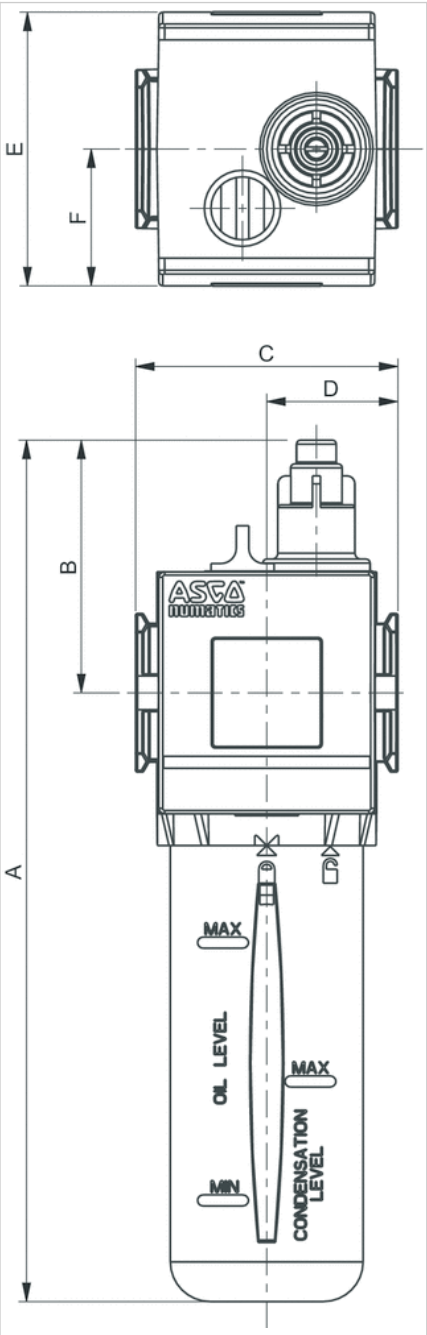
Recommended oil type
Non-detergent type and without aggressive additives (VG32-ISO3448)

Technical information

Material	
Housing	Aluminum
Front plate	Polycarbonate
Seals	Nitrile butadiene rubber
Reservoir	Aluminum Polycarbonate

Dimensions

Dimensions



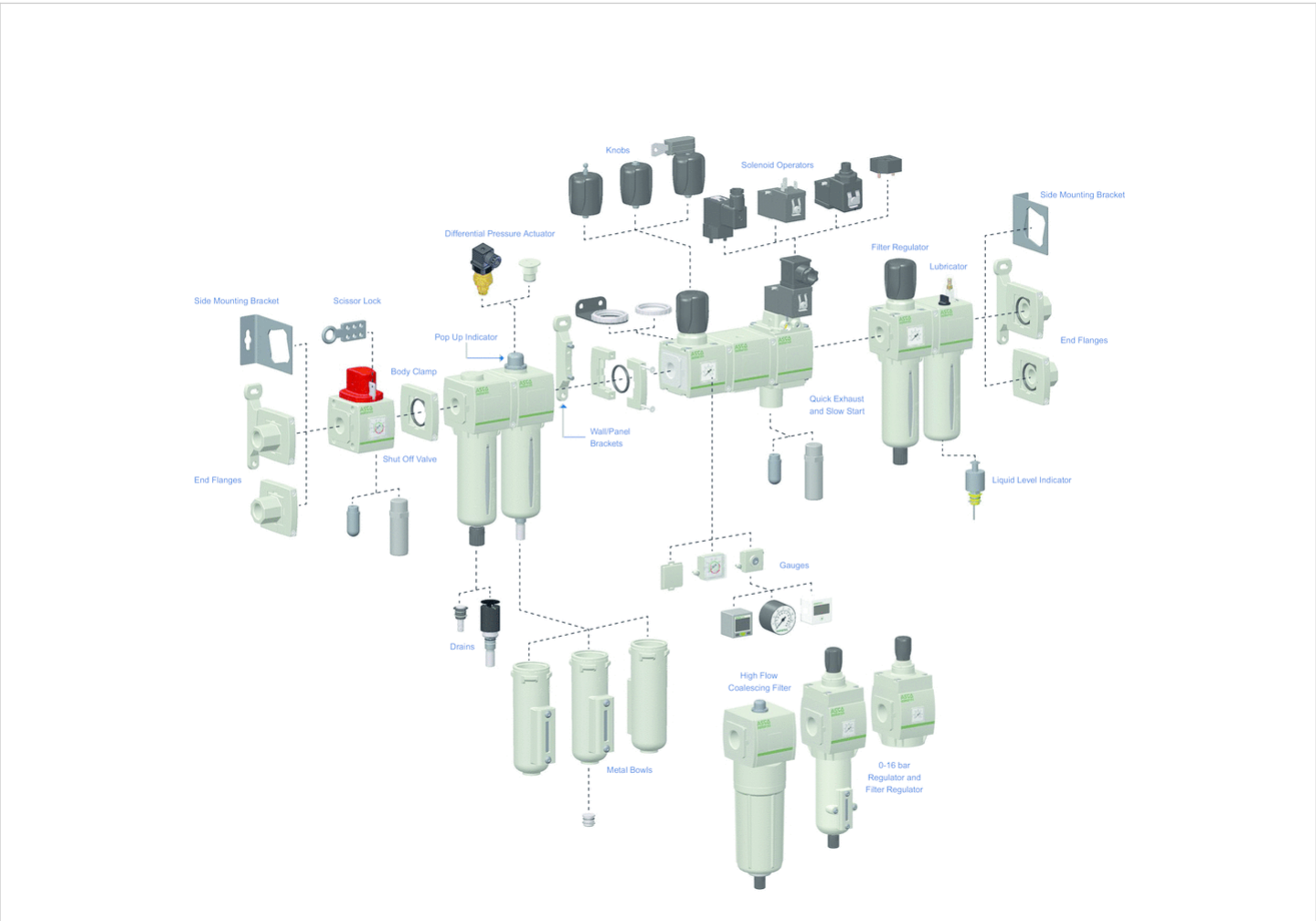
To remove the reservoir, allow a clearance of 25 mm from the bottom of the reservoir drain.

Dimensions

Series	A	B	C	D	E	F	G
653	266	75	90	45	93	46,5	155

Accessories overview

Accessories overview



Ordering information

G 651 A L 0 P 2 0 A00 0 0

Thread connection
 G = ISO 228/1-G ⁽¹⁾
 8 = NPTF

Product series
 651
 652
 653

Revision letter
 A

Product type
 L = Lubricator

Bowl Type
 K = Metal Bowl without Sight Gauge
 L = Metal bowl with sight gauge (glass)
 P = Polycarbonate bowl with bowl guard

K/L



P



Options ⁽²⁾
 A00 = Without option
 101 = Side Mounting Brackets
 108 = Liquid Level Indicator - Electronic
 109 = FPM seals
 117 = ATEX zones 1-21 
 124 = CUTR Certification (EAC)
 125 = CUTR Ex

101



108



Port size
 1 = 1/8 (651 Series)
 2 = 1/4 (651 or 652 Series)
 3 = 3/8 (652 Series)
 4 = 1/2 (652 Series)
 5 = 3/4 (653 Series)
 6 = 1 (653 Series)

⁽¹⁾ Conforms to ISO standards 1179-1.

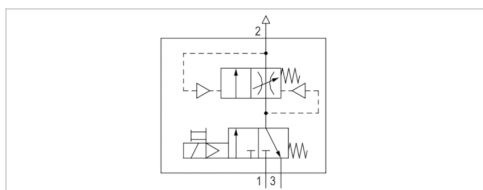
⁽²⁾ If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asco.com).

Filling unit, electrically operated, Series 653

- Compressed air connection G 3/4 G 1
- Pipe connection



Brand	ASCO Numatics
Version	Poppet valve
Nominal flow 1 ► 2	See table below
Nominal flow 2 ► 3	See table below
Working pressure min./max.	3.8 ... 10 bar
Medium	Compressed air Neutral gases
Medium temperature min./max.	-10 ... 50 °C
Ambient temperature min./max.	-10 ... 50 °C
Weight	1.59 kg
The delivered product varies from that in the illustration. See the drawing for an exact description.	



Technical data

Part No.	Compressed air connection input	Compressed air connection output	Port
G653A6S650A00F1	G 3/4	G 3/4	G 3/4
G653A6S660A00F1	G 1	G 1	G 1
G653A6S650A00F8	G 3/4	G 3/4	G 3/4
G653A6S660A00F8	G 1	G 1	G 1

Part No.	Operational voltage	Flow	Flow
		Qn 1►2	Qn 2►3
G653A6S650A00F1	24 V DC	7280 l/min	8890 l/min
G653A6S660A00F1	24 V DC	8230 l/min	8960 l/min
G653A6S650A00F8	230 V AC	7280 l/min	8890 l/min
G653A6S660A00F8	230 V AC	8230 l/min	8960 l/min

Nominal flow Qn at 6.3 bar and $\Delta p = 1$ bar

Technical information

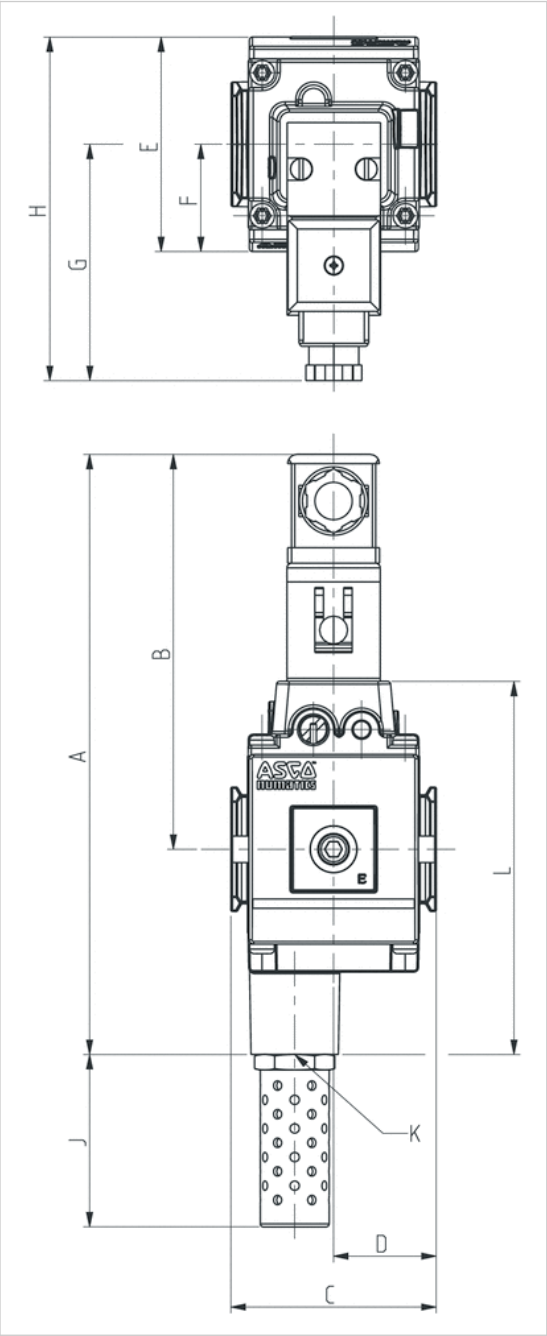
If P1 supply flow is restricted on valves with internal pilot supply, temporary leakage can occur.

Technical information

Material	
Housing	Aluminum
Seals	Nitrile butadiene rubber

Dimensions

Dimensions

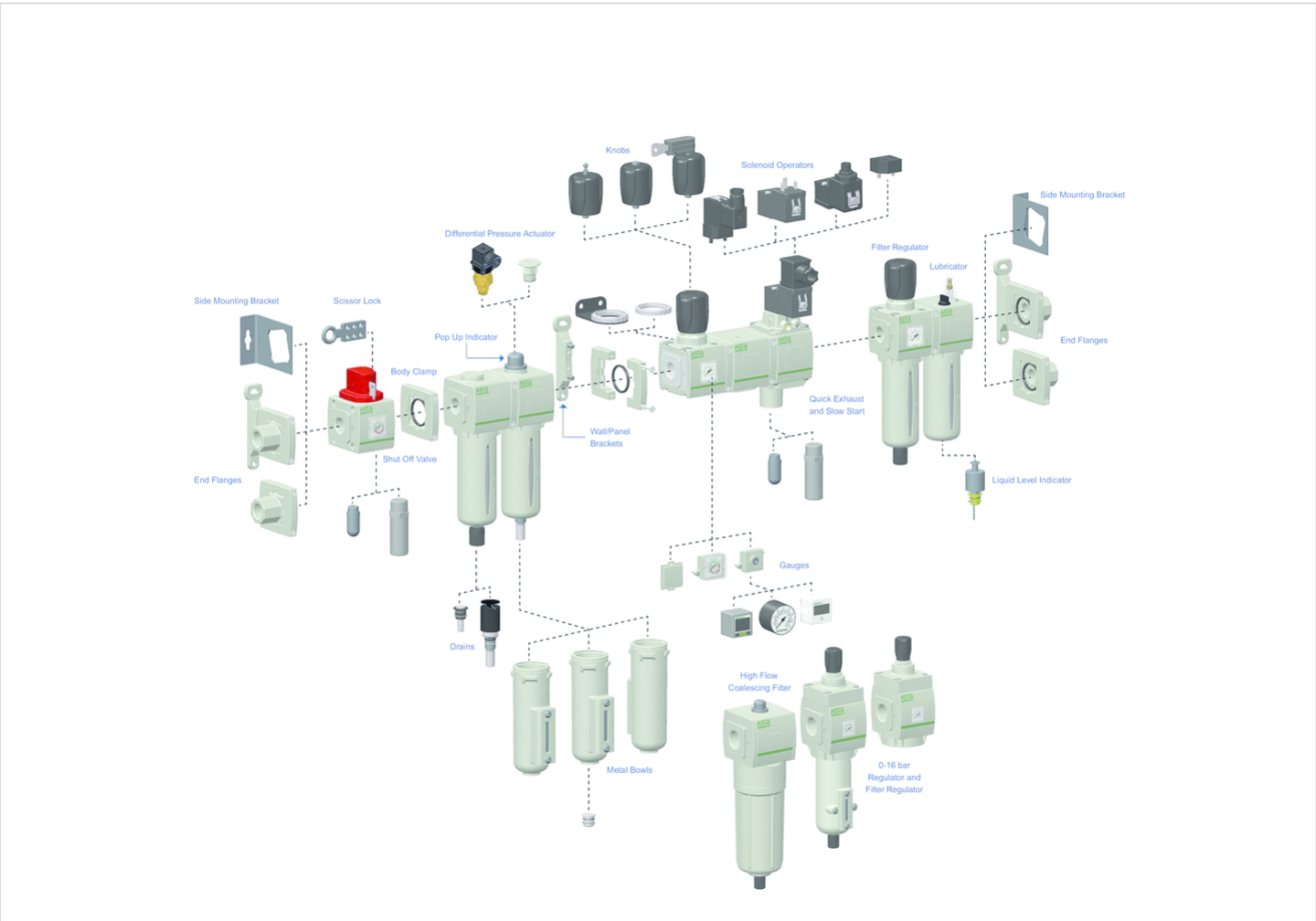


Dimensions

Series	A	B	C	D	E	F	G	H	J	K	L
653	214	137	90	45	93,1	46,5	94	140,5	81,2	G 1	142

Accessories overview

Accessories overview



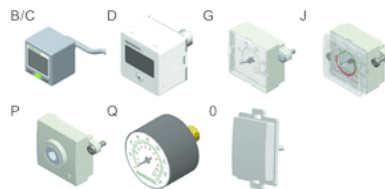
Ordering information

Thread connection	G	651	A	6	S	6	2	G	A00	F1	Voltage
G = ISO 228/1-G ⁽¹⁾											EW = 115 50/60 VAC
8 = NPTF											F1 = 24 VDC
Product series											FQ = 24 50/60 VAC
651											FH = 230 50/60 VAC (651 or 652)
652											F8 = 230/50 VAC (653 only)
653											DE = 230/60 VAC (653 only)
Revision letter											00 = No voltage
A											Options ⁽³⁾
Product type											A00 = Without option
4 = 2/2 - Slow start											101 = Side Mounting Brackets
5 = 3/2 - Quick exhaust											109 = FPM seals
6 = 3/2 - Slow start/Quick exhaust											110 = Without manual operator
Valve type											111 = Metal Muffler
E = External air pilot											112 = Polyethylene Muffler
P = Internal air pilot											113 = Stainless steel fasteners
(Available on 2/2 Slow Start only)											117 = ATEX zones 1/21 ⁽⁴⁾
S = Solenoid air pilot											122 = Inverter Mounting
Pilot valve /Electrical connection											123 = Gauge type mounted for right-to-left flow
0 = No Electrical Connection											124 = CUTR Certification (EAC)
1 = Vertical Solenoid Pilot, without DIN Connector											125 = CUTR Ex
(must order with option 110)											201 = 110 + 111
2 = Vertical Solenoid Pilot, DIN Connector with LED											
(must order with option 110)											
3 = Vertical Solenoid Pilot, DIN Connector w/o LED											
(must order with option 110)											
4 = Vertical Solenoid Pilot, 3 Pin M12 Connection ⁽²⁾											
(must order with option 110)											
5 = Horizontal Solenoid Pilot, without DIN Connector											
6 = Horizontal Solenoid Pilot, DIN Connector with LED											
7 = Horizontal Solenoid Pilot, DIN Connector without LED											
8 = Horizontal Solenoid Pilot with 3 Pin M12 Connection ⁽²⁾											
9 = Without pilot operator											
Port size											
1 = 1/8 (651 Series)											
2 = 1/4 (651 or 652 Series)											
3 = 3/8 (652 Series)											
4 = 1/2 (652 Series)											
5 = 3/4 (653 Series)											
6 = 1 (653 Series)											

⁽¹⁾ Conforms to ISO standards 1179-1.⁽²⁾ Available for DC voltage only.⁽³⁾ If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asco.com).⁽⁴⁾ Option 117 (ATEX 1-21) is available with Valve Type "E" or "P". For Valve Type "S" (Solenoid Pilot), please select "9" under the "Pilot Valve/Electrical Connection". Contact us for further information.

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
 P = Port Plate Rc 1/8

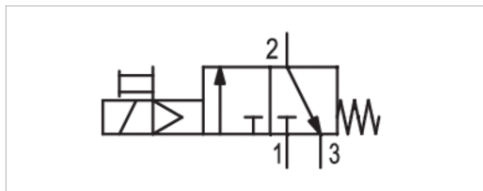


3/2-directional valve, electrically operated, Series 653

- Compressed air connection G 3/4 G 1
- Pipe connection



Brand	ASCO Numatics
Version	Poppet valve
Nominal flow 1 ► 2	See table below
Nominal flow 2 ► 3	See table below
Working pressure min./max.	3.8 ... 10 bar
Medium	Compressed air Neutral gases
Medium temperature min./max.	-10 ... 50 °C
Ambient temperature min./max.	-10 ... 50 °C
Weight	0.94 kg
The delivered product varies from that in the illustration. See the drawing for an exact description.	



Technical data

Part No.	Compressed air connection input	Compressed air connection output	Port
G653A5S650A00F1	G 3/4	G 3/4	G 3/4
G653A5S650A00F8	G 3/4	G 3/4	G 3/4
G653A5S660A00F1	G 1	G 1	G 1
G653A5S660A00F8	G 1	G 1	G 1

Part No.	Operational voltage	Flow	Flow
		Qn 1►2	Qn 2►3
G653A5S650A00F1	24 V DC	7280 l/min	8890 l/min
G653A5S650A00F8	230 V AC	7280 l/min	8890 l/min
G653A5S660A00F1	24 V DC	8230 l/min	8960 l/min
G653A5S660A00F8	230 V AC	8230 l/min	8960 l/min

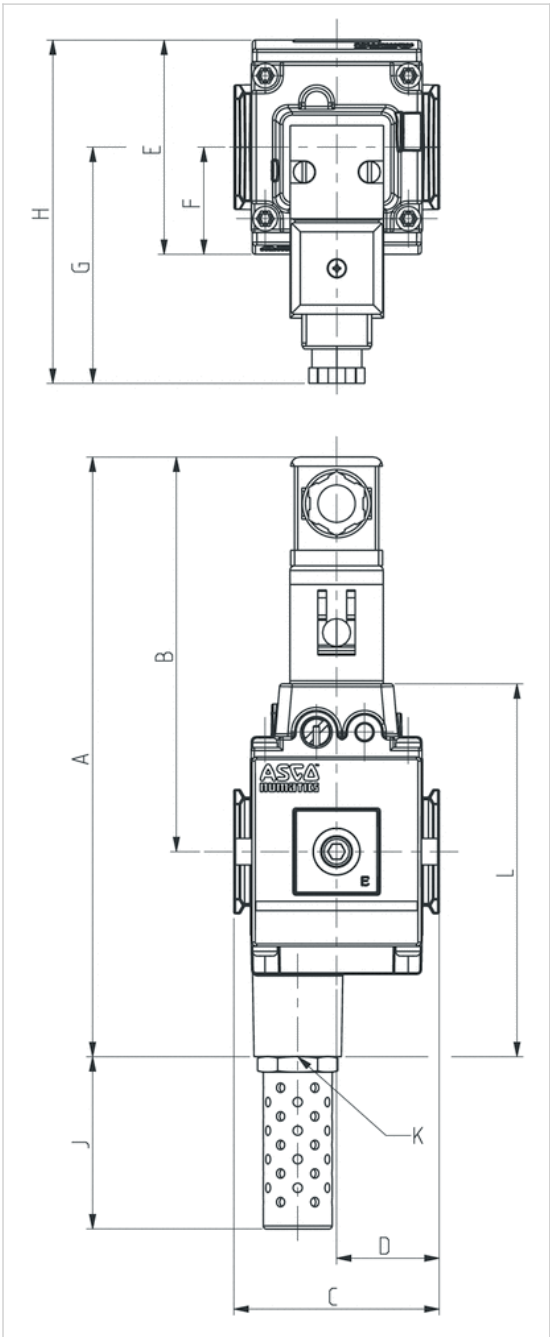
Nominal flow Qn at 6.3 bar and $\Delta p = 1$ bar

Technical information

Material	
Housing	Aluminum
Seals	Nitrile butadiene rubber

Dimensions

Dimensions

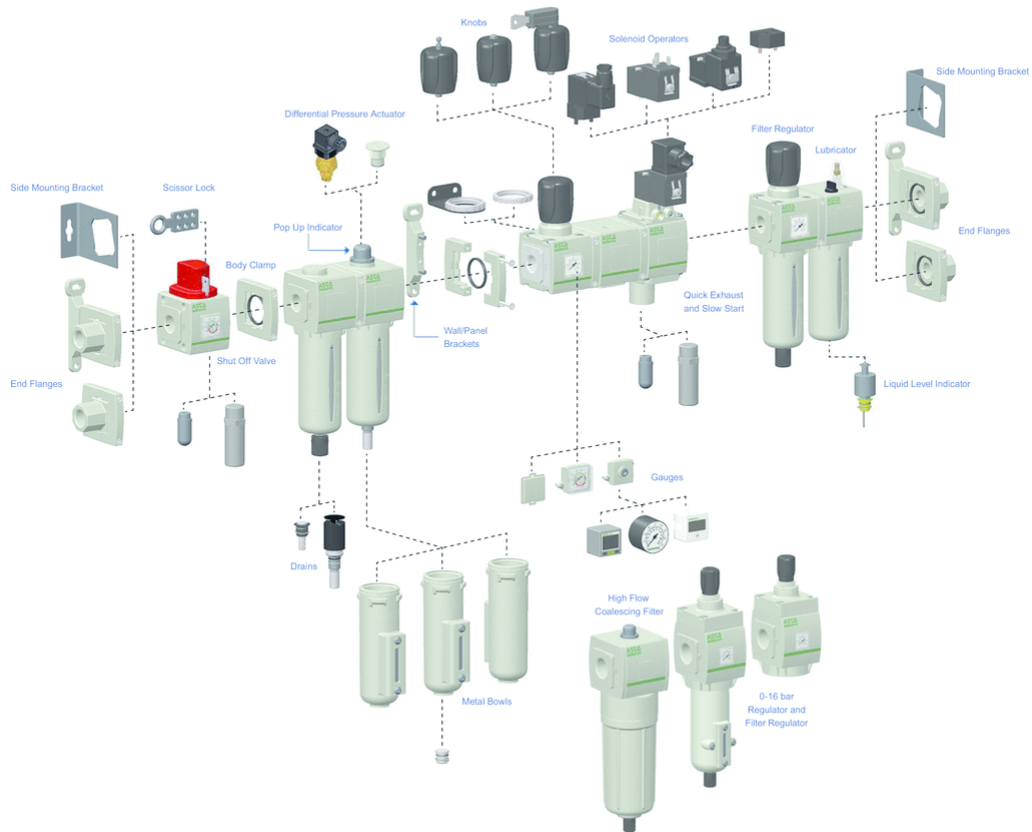


Dimensions

Series	A	B	C	D	E	F	G	H	J	K	L
653	214	137	90	45	93,1	46,5	94	140,5	81,2	G 1	142

Accessories overview

Accessories overview



Ordering information

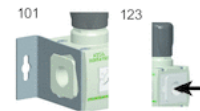
Thread connection	G	651	A	6	S	6	2	G	A00	F1	Voltage
G = ISO 228/1-G ⁽¹⁾											EW = 115 50/60 VAC
8 = NPTF											F1 = 24 VDC
Product series											FQ = 24 50/60 VAC
651											FH = 230 50/60 VAC (651 or 652)
652											F8 = 230/50 VAC (653 only)
653											DE = 230/60 VAC (653 only)
Revision letter											00 = No voltage
A											Options ⁽³⁾
Product type											A00 = Without option
4 = 2/2 - Slow start											101 = Side Mounting Brackets
5 = 3/2 - Quick exhaust											109 = FPM seals
6 = 3/2 - Slow start/Quick exhaust											110 = Without manual operator
Valve type											111 = Metal Muffler
E = External air pilot											112 = Polyethylene Muffler
P = Internal air pilot											113 = Stainless steel fasteners
(Available on 2/2 Slow Start only)											117 = ATEX zones 1/21 ⁽⁴⁾
S = Solenoid air pilot											122 = Inverter Mounting
Pilot valve /Electrical connection											123 = Gauge type mounted for right-to-left flow
0 = No Electrical Connection											124 = CUTR Certification (EAC)
1 = Vertical Solenoid Pilot, without DIN Connector											125 = CUTR Ex
(must order with option 110)											201 = 110 + 111
2 = Vertical Solenoid Pilot, DIN Connector with LED											
(must order with option 110)											
3 = Vertical Solenoid Pilot, DIN Connector w/o LED											
(must order with option 110)											
4 = Vertical Solenoid Pilot, 3 Pin M12 Connection ⁽²⁾											
(must order with option 110)											
5 = Horizontal Solenoid Pilot, without DIN Connector											
6 = Horizontal Solenoid Pilot, DIN Connector with LED											
7 = Horizontal Solenoid Pilot, DIN Connector without LED											
8 = Horizontal Solenoid Pilot with 3 Pin M12 Connection ⁽²⁾											
9 = Without pilot operator											
Port size											
1 = 1/8 (651 Series)											
2 = 1/4 (651 or 652 Series)											
3 = 3/8 (652 Series)											
4 = 1/2 (652 Series)											
5 = 3/4 (653 Series)											
6 = 1 (653 Series)											

⁽¹⁾ Conforms to ISO standards 1179-1.

⁽²⁾ Available for DC voltage only.

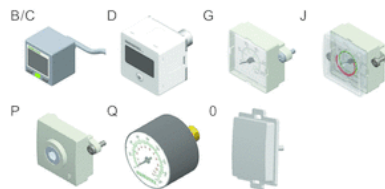
⁽³⁾ If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asco.com).

⁽⁴⁾ Option 117 (ATEX 1-21) is available with Valve Type "E" or "P". For Valve Type "S" (Solenoid Pilot), please select "9" under the "Pilot Valve/Electrical Connection". Contact us for further information.



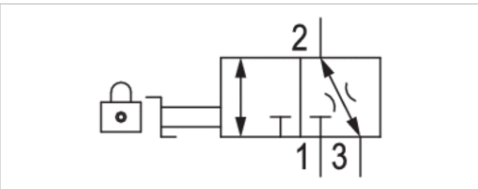
Gauge type

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
 P = Port Plate Rc 1/8



3/2-shut-off valve, mechanically operated, Series 653

- Qn 1►2 = 33000-51900 l/min
- Qn 2►3 = 300 l/min



Brand	ASCO Numatics
Activation	Mechanical
Control pressure min./max.	0 ... 20 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Weight	0.94 kg
	The delivered product varies from that in the illustration. See the drawing for an exact description.

Technical data

Part No.	Port	Flow	Flow	Material Silencer
		Qn 1 ► 2	Qn 2 ► 3	
G653A3M05011100	G 3/4	33000 l/min	300 l/min	metal
G653A3M050A0000	G 3/4	33000 l/min	300 l/min	-
G653A3M06011100	G 1	51900 l/min	300 l/min	metal
G653A3M060A0000	G 1	51900 l/min	300 l/min	-

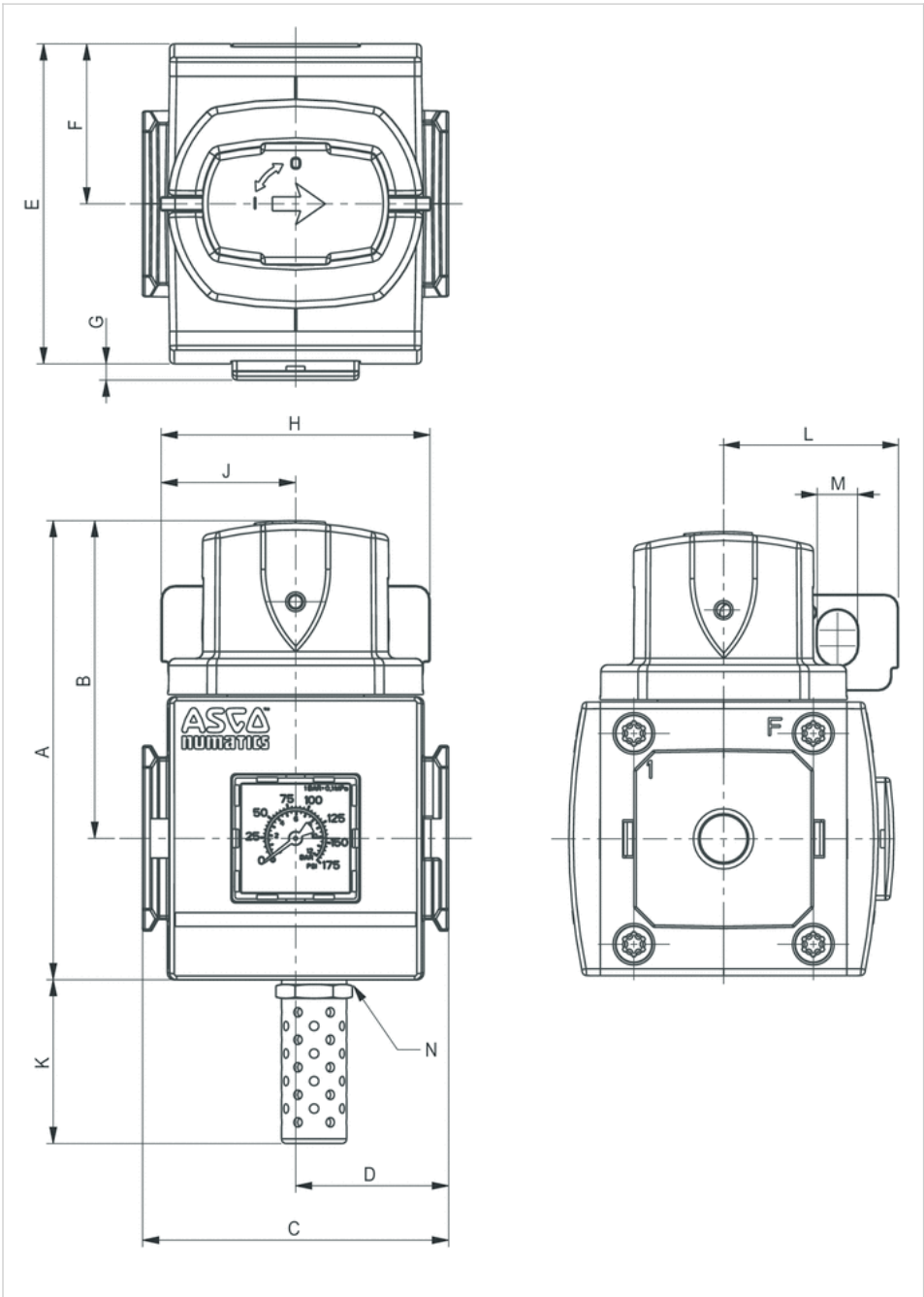
Nominal flow Qn at 6.3 bar and Δp = 1 bar

Technical information

Material	
Housing	Aluminum
Seals	Nitrile butadiene rubber

Dimensions

Dimensions

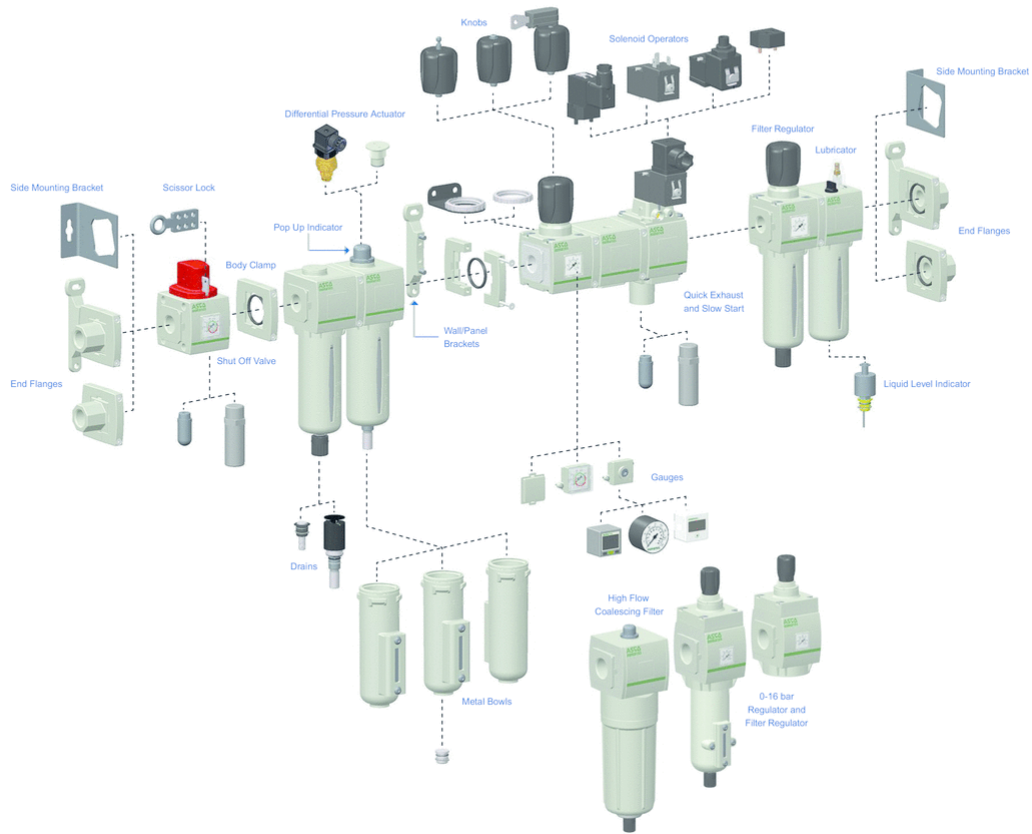


Dimensions

Series	A	B	C	D	E	F	G	H	J	K	L	M	N
653	120	79	90	45	93	46,5	1,9	58	29	46,7	38	9	G 3/8

Accessories overview

Accessories overview



Ordering information

G 651 A 3 M 0 2 G A00 00

Thread connection
 G = ISO 228/1-G ⁽¹⁾
 8 = NPTF

Product series
 651
 652
 653

Revision letter
 A

Product type
 2 = 2/2 - Shut Off Valve
 3 = 3/2 - Shut Off Valve

Valve Type
 M = Manually Operated Ball Valve with Lockout

Pilot valve /Electrical connection
 0 = No Electrical Connection

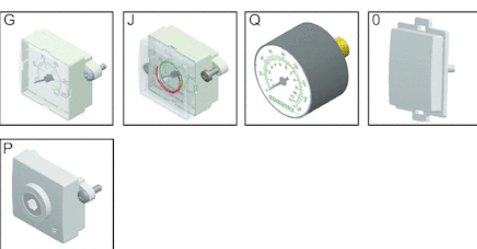
Port size
 1 = 1/8 (651 Series)
 2 = 1/4 (651 or 652 Series)
 3 = 3/8 (652 Series)
 4 = 1/2 (652 Series)
 5 = 3/4 (653 Series)
 6 = 1 (653 Series)

Options ⁽²⁾
 A00 = Without option
 101 = Side Mounting Brackets
 109 = FPM seals
 111 = Metal Muffler
 112 = Polyethylene Muffler
 113 = Stainless steel fasteners
 115 = Scissor Lock
 117 = ATEX zones 1-21 
 122 = Bottom oriented pressure adjustment
 123 = Gauge type mounted for right-to-left flow
 124 = CUTR Certification (EAC)
 125 = CUTR Ex
 2B9 = 111 + 115

Gauge type
 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
 P = Port Plate Rc 1/8

⁽¹⁾ Conforms to ISO standards 1179-1.

⁽²⁾ [If multiple options are required, please use the on-line CAD configurator on the website to generate the part number \(www.asco.com\).](http://www.asco.com)

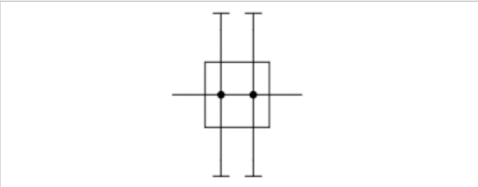



Distributor, Series 653

- G 1



Brand	ASCO Numatics
Parts	Distributor
Working pressure min./max.	0 ... 20 bar
Ambient temperature min./max.	-40 ... 80 °C
Medium temperature min./max.	-40 ... 80 °C
Medium	Compressed air Neutral gases
Weight	0.75 kg
The delivered product varies from that in the illustration. See the drawing for an exact description.	



Technical data

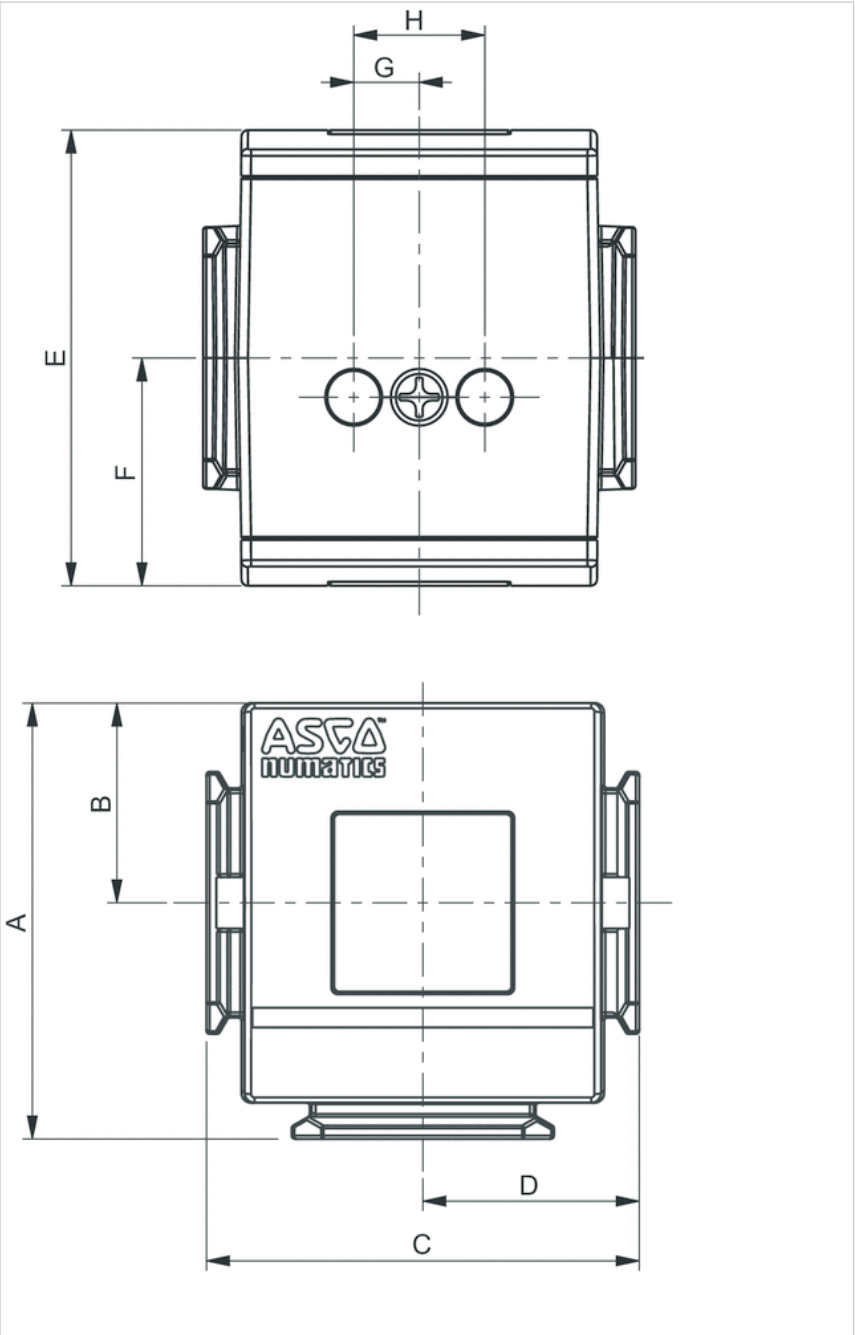
Part No.	Port
G653AD006CA0000	G 1

Technical information

Material	
Housing	Aluminum
Seals	Nitrile butadiene rubber

Dimensions

Dimensions

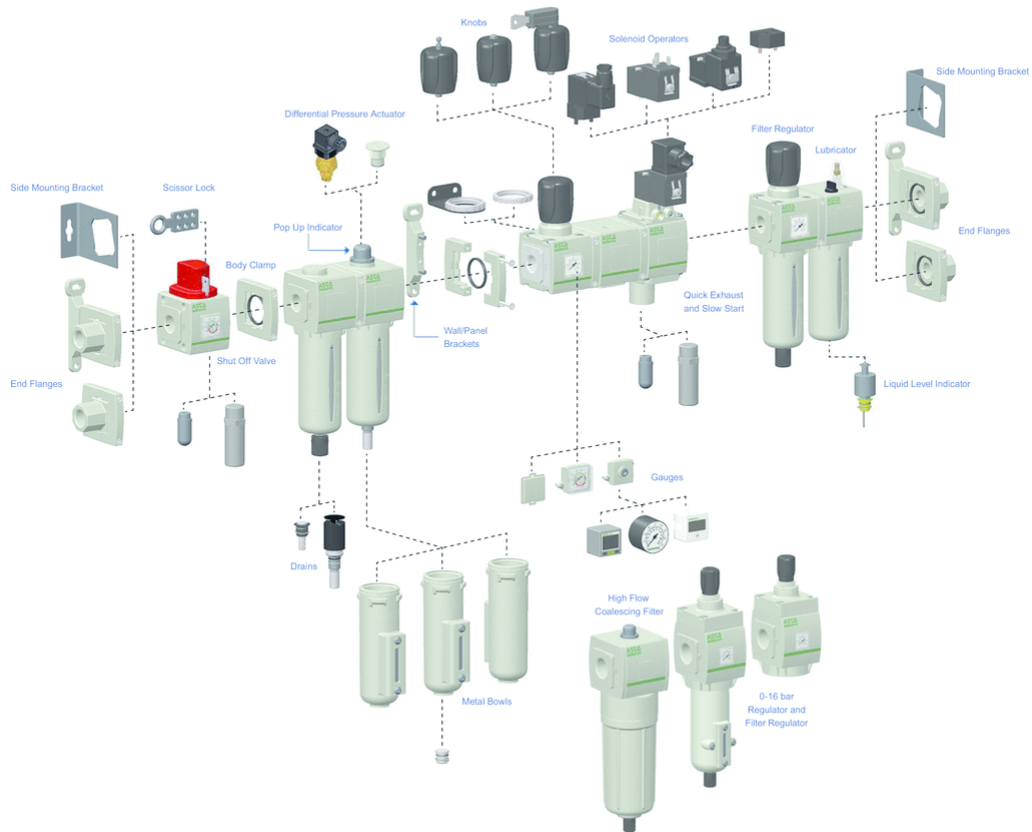


Dimensions

Series	A	B	C	D	E	F	G	H
653	86,5	41	90	45	93	46,5	10	20

Accessories overview

Accessories overview



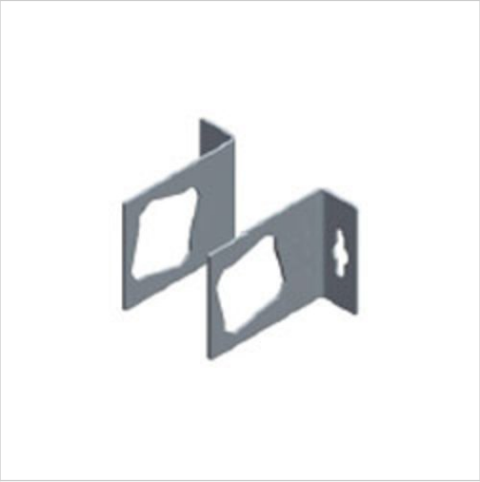
The diagram illustrates the breakdown of the part number **G651AD002CA000** into its constituent parts and their meanings:

- Thread connection**
 - G = ISO 228/1-G ⁽¹⁾
 - 8 = NPTF
- Product series**
 - 651
 - 652
 - 653
- Revision letter**
 - A
- Product type**
 - D = Diverter Block
- Pressure switch type**
 - 0 = No pressure switch
 - 1 = Pad mount without Visual indicator 10 bar max.
 - 2 = Pad mount with Visual indicator 10 bar max.
- Options ⁽²⁾**
 - A00 = Without option
 - 101 = Side Mounting Brackets
 - 117 = ATEX zones 1-21
 - 124 = CUTR Certification (EAC)
 - 125 = CUTR Ex
- Pressure switch interface**
 - C = Provisioned for 349 pressure switch pad mount
- Port size**
 - 2 = 1/4 (651 Series)
 - 4 = 1/2 (652 Series)
 - 6 = 1 (653 Series)

(1) Conforms to ISO standards 1179-1.
(2) If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asco.com).

Mounting bracket

- Side mounting brackets



Brand

ASCO Numatics

Technical data

Part No.
P653AT503860003

Includes two brackets.

Technical information

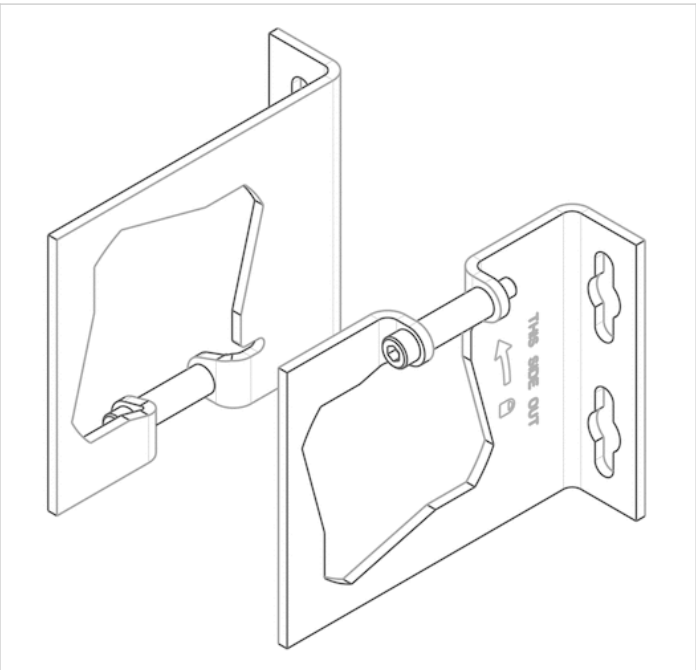
Recommended only for static applications (without vibration)

Technical information

Material	
Housing	Aluminum
Seal	Nitrile butadiene rubber

Dimensions

Dimensions



Block assembly kit

- End plate kit
- Body-to-body assembly clamps



Brand

ASCO Numatics

Technical data

Part No.
P653AT507291001

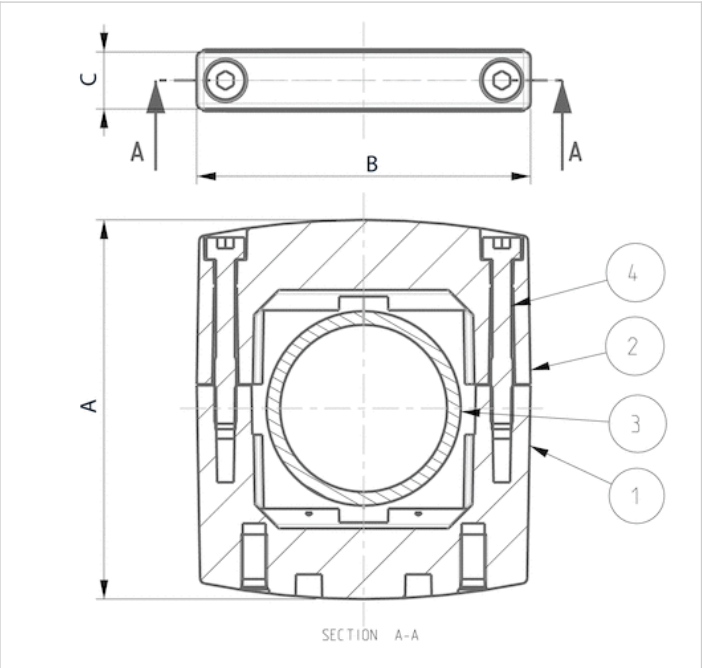
Includes NBR O-ring

Technical information

Material	
Housing	Aluminum
Seal	Nitrile butadiene rubber

Dimensions

Dimensions



- 1) Block assembly kit
- 2) Block assembly kit
- 3) O-ring
- 4) Screw

Dimensions

Series	A	B	C
653	93	82	16

End plate kit



Brand

ASCO Numatics

Technical data

Part No.	Port
T653AT507292002	G 1

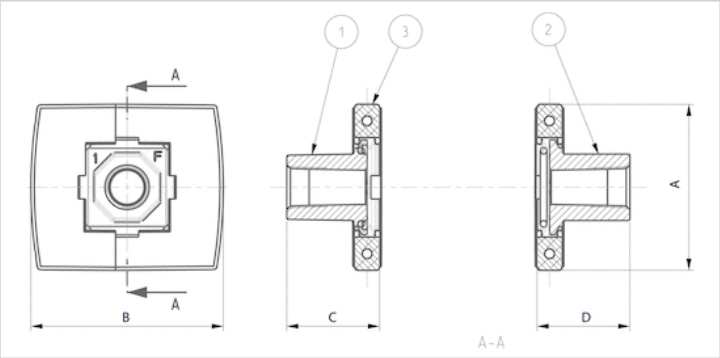
Includes two end plates, body-to-body assembly clamps, and O-ring

Technical information

Material	
Housing	Aluminum
Seal	Nitrile butadiene rubber

Dimensions

Dimensions



- 1) Right end plate
- 2) Left end plate
- 3) Kit

Dimensions

Series	A	B	C	D
653	82	93	57	57

Mounting clip

- Wall/panel bracket kit



Brand

ASCO Numatics

Technical data

Part No.
P699AT502467001

Includes one bracket and two screws for attaching the bracket to the body clamps.

Technical information

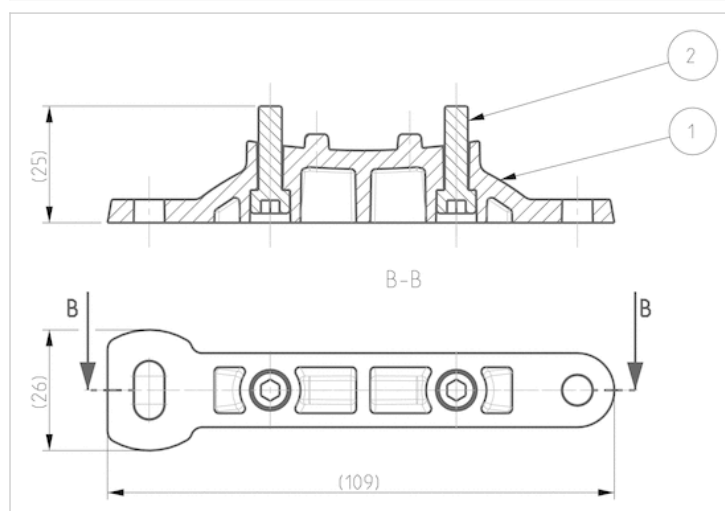
One bracket is suitable for mounting two products.
Two brackets are required for mounting three or more products.

Technical information

Material	
Housing	Aluminum
Seal	Nitrile butadiene rubber

Dimensions

Dimensions



- 1) Holder
- 2) Screw

Panel nut and bracket

- For panel installation



Brand

ASCO Numatics

Technical data

Part No.
P652AT503861003

Technical information

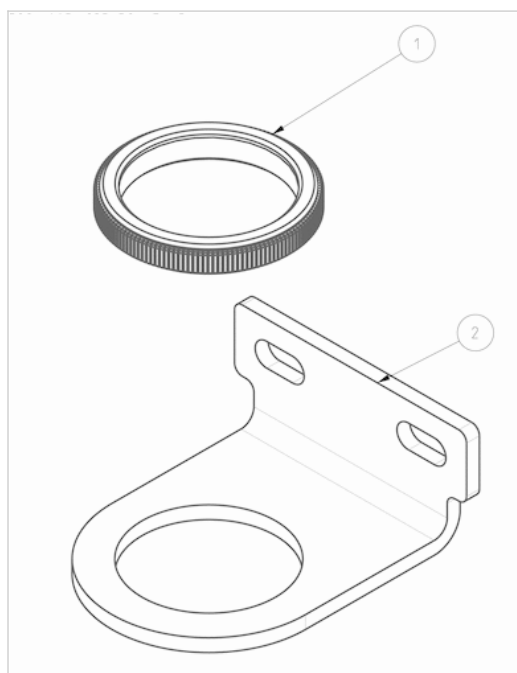
The panel nut and bracket are used to mount a regulator or filter-regulator to a wall or panel.

Technical information

Material	
Housing	Stainless steel

Dimensions

Dimensions



- 1) Panel nut
- 2) Mounting bracket

Filter element

- 653

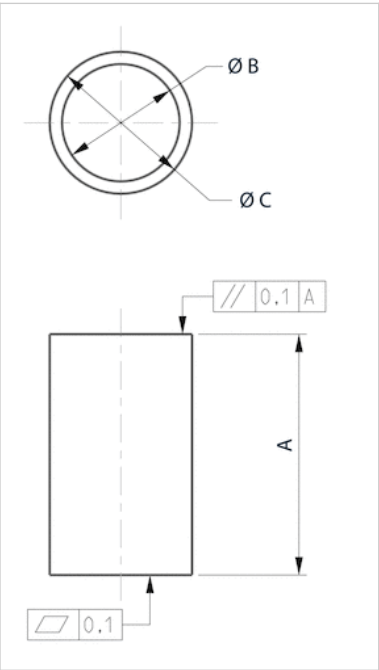


Technical data

Part No.	filter porosity	Color
M653AE439490001	5 µm	White
M653AE439490002	25 µm	Yellow

Dimensions

Dimensions



Dimensions

Series	A	B	C
653	80	32,4	38,4

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