

Excelon design allows in-line installation or modular installation with other Excelon products

High efficiency water and particle removal

Quick release bayonet bowl

Push to lock adjusting knob with tamper resistant accessory

Technical features

Medium:

Compressed air only

Pressure range:

0,3 ... 10 bar (5 ... 145 psi)

transparent bowl

0,3 ... 17 bar (5 ... 250 psi)

metal bowl

0,3 ... 10 bar (5 ... 145 psi)

B72G automatic drain

Max. inlet pressure:

Transparent bowl: 10 bar (145 psi)

Metal bowl: 17 bar (250 psi)

Filter element:

5 µm, 40 µm

Gauge ports:

Rc 1/8

Drain:

Manual standard

Semi automatic optional

Relieving:

Standard

Fluid/Ambient temperature:

Transparent bowl:

-34 ... +50°C (-29 ... +150°F)

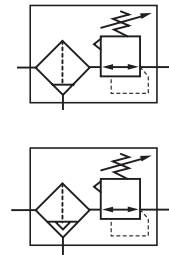
Metal bowl:

-34 ... +65°C (-29 ... +150°F)

Air supply must be dry enough

to avoid ice formation at

temperatures below +2°C (+35°F).



Materials:

B72G

Body: zinc

Bonnet: acetal

Valve: brass

Transparent bowl: polycarbonate

Metal bowl: zinc

Liquid level indicator lens (metal

bowl): transparent nylon

Element: sintered polypropylene

Elastomers: neoprene & nitrile

B73G & B74G

Body & bonnet: aluminium

Valve: brass

Transparent bowl: polycarbonate

Guarded transparent bowl:

polycarbonate with steel

Metal bowl: aluminium

Liquid level indicator lens (metal

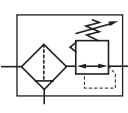
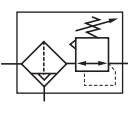
bowl): transparent nylon (Pyrex

optional)

Element: sintered polypropylene

Elastomers: neoprene & nitrile

Technical data, standard models

Symbol	Air port	Flow* dm ³ /s	Bowl	Weight kg	Drain	Model
	G1/4	38	T	0,6	Manual	B72G-2GK-QT3-RMN
	G3/8	38	T	0,6	Manual	B72G-3GK-QT3-RMN
	G1/4	49	T	0,7	Manual	B73G-2GK-QT3-RMN
	G3/8	50	T	0,7	Manual	B73G-3GK-QT3-RMN
	G1/2	50	T	0,7	Manual	B73G-4GK-QT3-RMN
	G3/8	77	GT	1,3	Manual	B74G-3GK-QP3-RMN
	G1/2	100	GT	1,3	Manual	B74G-4GK-QP3-RMN
	G3/4	100	GT	1,3	Manual	B74G-6GK-QP3-RMN
	G1/4	38	T	0,6	Automatic	B72G-2GK-AL3-RMN
	G3/8	38	T	0,6	Automatic	B72G-3GK-AL3-RMN
	G1/4	49	T	0,7	Automatic	B73G-2GK-AT3-RMN
	G3/8	50	T	0,7	Automatic	B73G-3GK-AT3-RMN
	G1/2	50	T	0,7	Automatic	B73G-4GK-AT3-RMN
	G3/8	77	GT	1,3	Automatic	B74G-3GK-AP3-RMN
	G1/2	100	GT	1,3	Automatic	B74G-4GK-AP3-RMN
	G3/4	100	GT	1,3	Automatic	B74G-6GK-AP3-RMN

*Typical flow with 10 bar inlet pressure, 6,3 set pressure and 1 bar drop from set

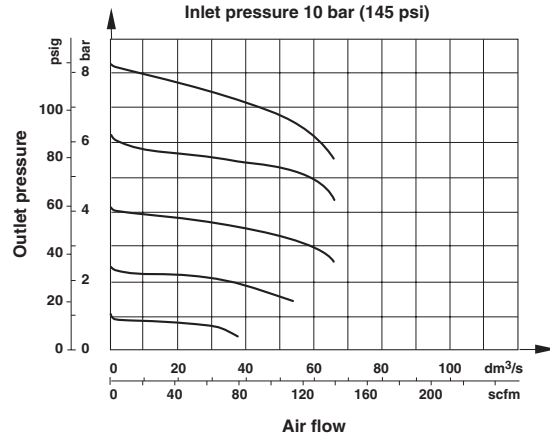
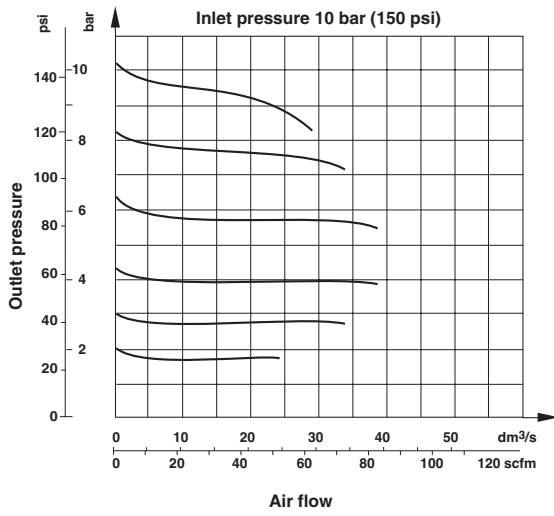
T=Transparent bowl

GT= Guarded transparent bowl

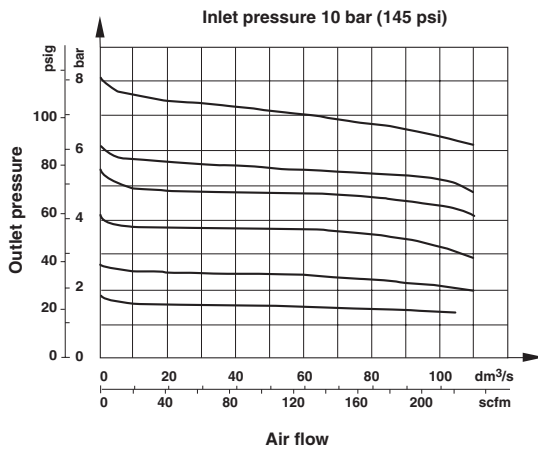
Flow characteristics

B72G – Port size 1/4", pressure range 0,3 ... 10 bar (5 ... 145 psi), 40 µm element

B73G – Port size 3/8", pressure range 0,3 ... 10 bar (5 ... 145 psi), 40 µm element



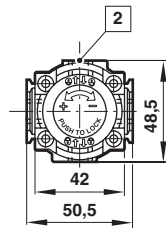
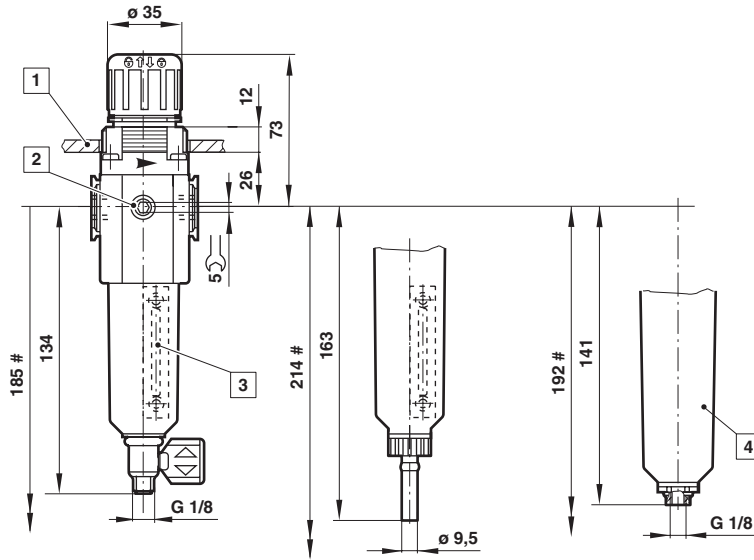
B74G – Port size 1/2", pressure range 0,3 ... 10 bar (5 ... 145 psi), 40 µm element



Basic dimensions

B72

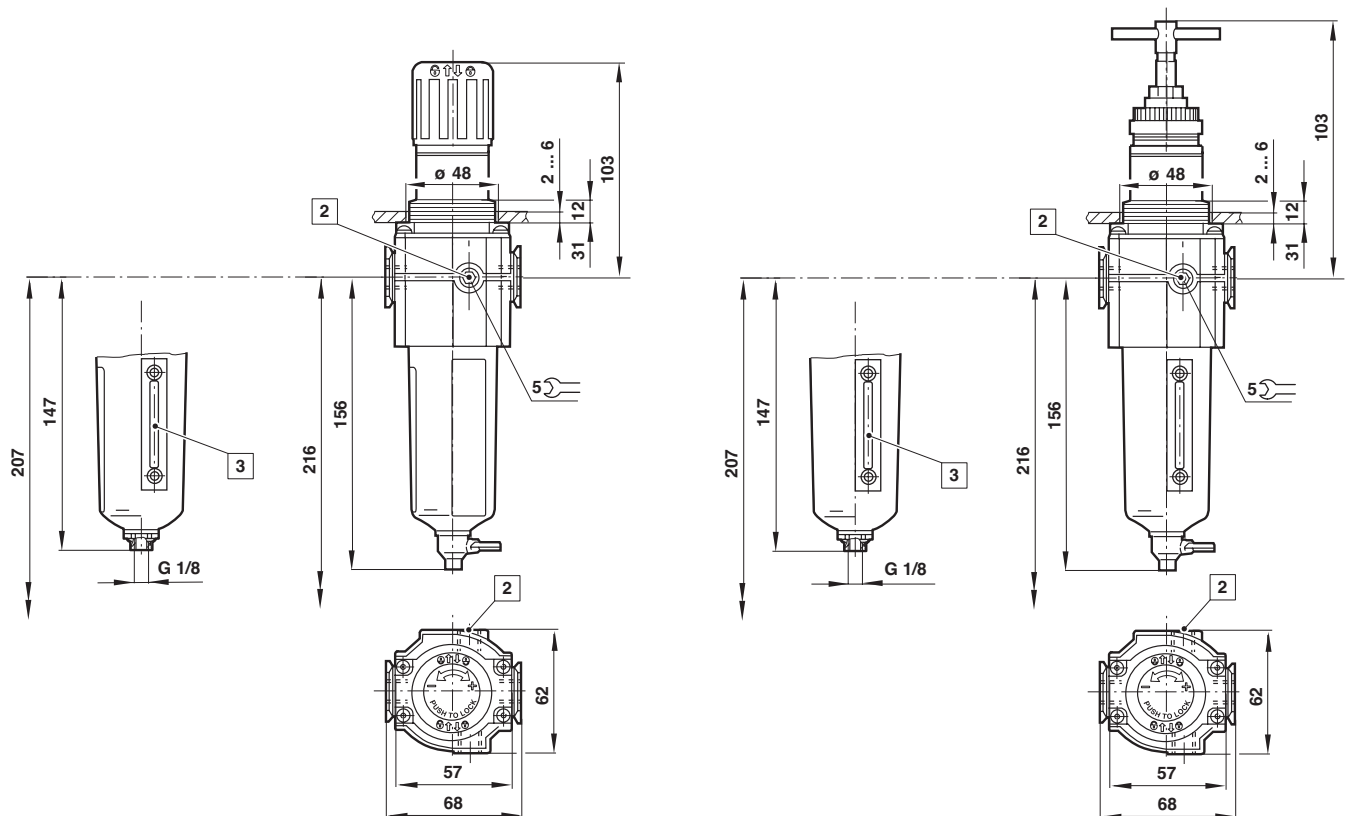
Dimensions shown in mm
Projection/First angle



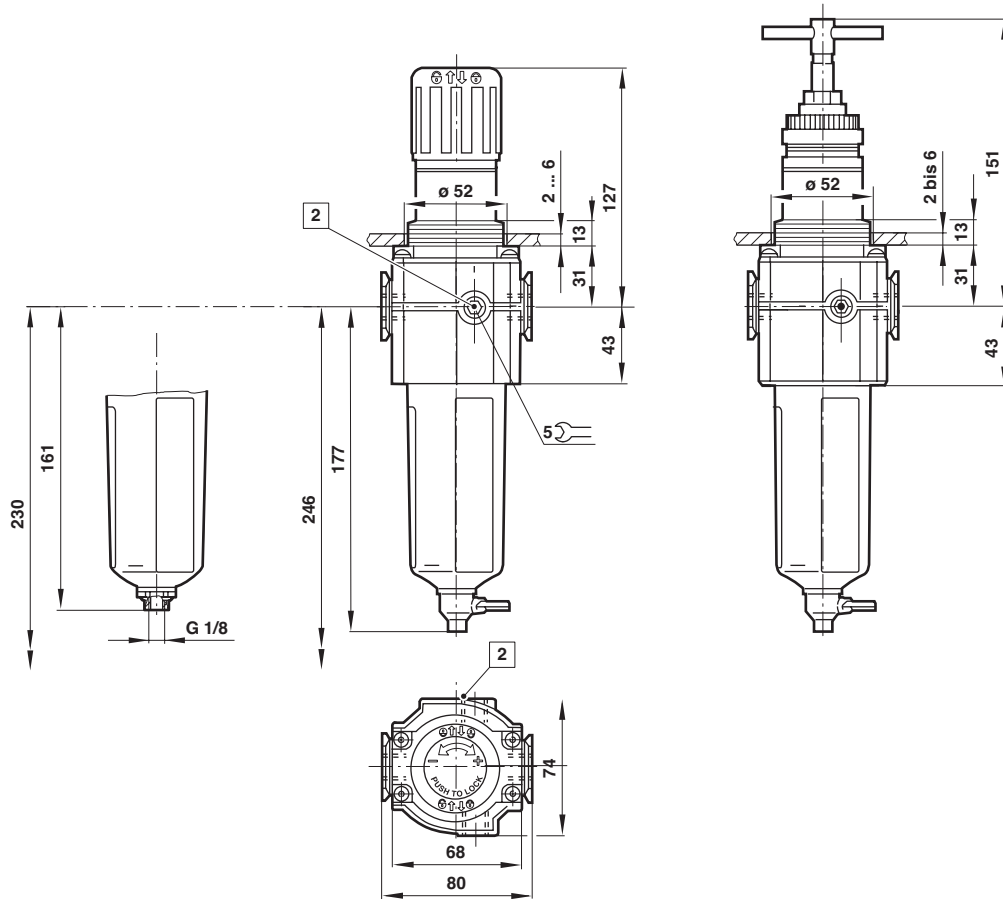
Minimum clearance required to remove bowl

- 2 Gauge port
- 3 Metal bowl

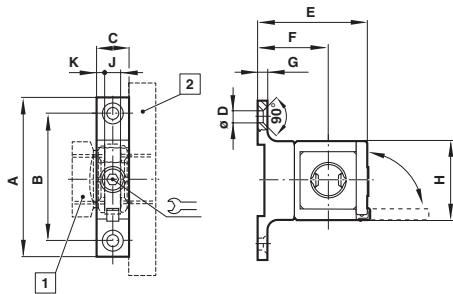
B73



B74

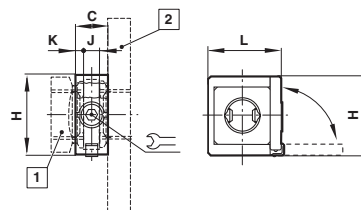


Quikclamp® with wall bracket



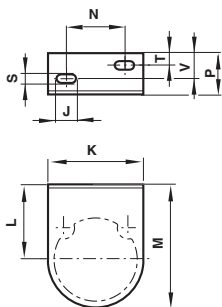
Series	A	B	C	Ø D	E	F	G	H	J	K	⌘
72	74	59	14,5	5,3	56	38	4,5	36,5	6,5	4	3
73/74	102	83	24,5	6,5	74	51	6,5	51	13,5	5,5	4

Quikclamp®



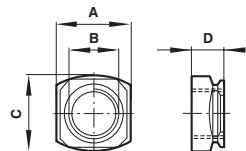
Series	C	H	J	K	L	⌘
72	14,5	36,5	6,5	4	36,5	3
73/74	24,5	51	13,5	5,5	46	4

Neck mounting bracket



Series	J	K	L	M	N	P	R	S	T	V
72	8	49	38	63,5	30	24	-	4,4	7	10
73	17	64	38	70	38	38	25	7	13	13
74	24	89	52	86	56	35	23	7	12	12

Quikmount pipe adaptor



Series	A	B	C	D
72	29	1/4, 3/8	29	16
73/74	38,5	1/4, 3/8, 1/2, 3/4	38,5	18

Warning

These products are intended for use in industrial compressed air and fluid systems only. Do not use these products where pressures and temperatures can exceed those listed under **‘Technical features’**.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.