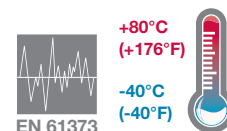


- > Port size: 1/4" ... 1/2" (ISO G/PTF)
- > Excelon design allows in-line installation or modular installation with other Excelon products
- > High efficiency water and particle removal
- > Quick release bayonet bowl
- > Push to lock adjusting knob with tamper resistant accessory
- > Prismatic liquid level indicator lens
- > Wide temperature range
- > Shock and vibration tested to EN 61373, Category 1, class A and B



Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (246 psi)

Pressure range:

0,3 ... 10 bar (4 ... 145 psi)

Filter element:

5 or 40 µm

Port size:

G1/4, G3/8, G1/2,
1/4 PTF, 3/8 PTF 1/2 PTF

Gauge port:

Rc 1/8 with ISO G main ports
1/4 PTF with PTF main ports

Flow:

See table below

Relieving:

Standard

Drain:

Manual

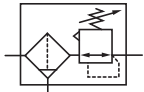
Ambient/Media temperature:

-40 ... +80°C (-40 ... +176°F)
Air supply must be dry enough
to avoid ice formation at
temperatures below +2°C (+35°F).

Materials:

Body: aluminium
Bonnet: zinc
Valve: brass & NBR
Bowl: die cast aluminium
Liquid level indicator lens (metal
bowl): transparent PA
Filter element: sintered PP
Elastomers: NBR

Technical data LB73G- standard models

Symbol	Port size	Size	Flow* dm³/s	scfm	Pressure range (bar)	Filter element (µm)	Weight kg	lbs	Model
	G1/4	—	49	104	0,3 ... 10	40	0,71	1,56	LB73G-2GK-MD3-RMN
	1/4 PTF	—	49	104	0,3 ... 10	40	0,71	1,56	LB73G-2AK-MD3-RMN
	G3/8	Basic	50	106	0,3 ... 10	40	0,71	1,56	LB73G-3GK-MD3-RMN
	3/8 PTF	Basic	50	106	0,3 ... 10	40	0,71	1,56	LB73G-3AK-MD3-RMN
	G1/2	—	50	106	0,3 ... 10	40	0,71	1,56	LB73G-4GK-MD3-RMN
	1/2 PTF	—	50	106	0,3 ... 10	40	0,71	1,56	LB73G-4AK-MD3-RMN
	G1/4	—	49	104	0,3 ... 10	5	0,71	1,56	LB73G-2GK-MD1-RMN
	1/4 PTF	—	49	104	0,3 ... 10	5	0,71	1,56	LB73G-2AK-MD1-RMN
	G3/8	Basic	50	106	0,3 ... 10	5	0,71	1,56	LB73G-3GK-MD1-RMN
	3/8 PTF	Basic	50	106	0,3 ... 10	5	0,71	1,56	LB73G-3AK-MD1-RMN
	G1/2	—	50	106	0,3 ... 10	5	0,71	1,56	LB73G-4GK-MD1-RMN
	1/2 PTF	—	50	106	0,3 ... 10	5	0,71	1,56	LB73G-4AK-MD1-RMN

* Typical flow at 10 bar (145 psi) inlet pressure, 6,3 bar (90 psi) set pressure and 0,5 bar (7 psi) droop from set.

Option selector

LB73G-★★★-MD★-RMN

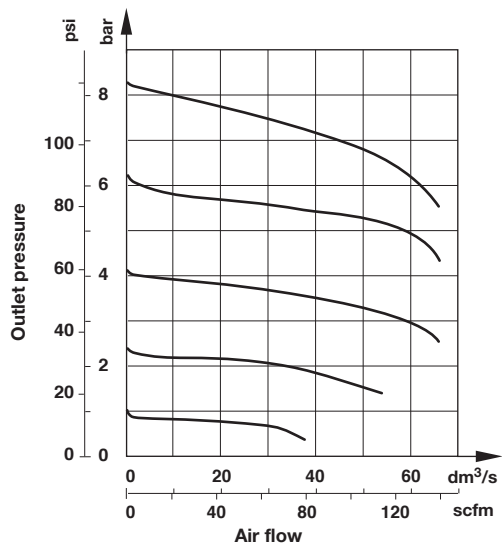
Port size	Substitute
1/4"	2
3/8"	3
1/2"	4
Thread form	Substitute
PTF	A
ISO G parallel (standard)	G

Element	Substitute
40 µm	3
5 µm	1
Adjustment	Substitute
Knob (standard)	K
T-bar	T

Flow characteristics

Inlet pressure: 10 bar (145 psi)

Port size: 3/8", 40 µm element



Accessories



Accessories

Neck mounting bracket



5

Page 4

4461-50

Panel nut



4

5191-88

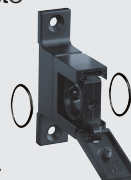
Quikclamp®



Page 4

4314-62

Quikclamp with wall bracket®



1

Page 4

4314-63

Tamper resistant kit



3

4455-51

Quikmount pipe adaptor



2

Page 4

G1/4: 4315-09

G3/8: 4315-10

G1/2: 4315-11

1/4 PTF: 4315-01

3/8 PTF: 4315-02

1/2 PTF: 4315-03

Service kit

Service kit



4383-607

Service kit for manual drain



4380-607

Replacement element



40 µm: 4438-03

5 µm: 4438-01

Gauge

Center back connection, white face (for full technical specification see datasheet 8.900.900)



6

Pressure range

bar *1	Mpa	psi	Ø	Thread size	Model
0 ... 10	0 ... 1	0 ... 145	50 mm	R1/8	18-015-013

*1) primary scale

Center back connection, black face for North America (for full technical specification see datasheet 8.900.900)



6

Pressure range

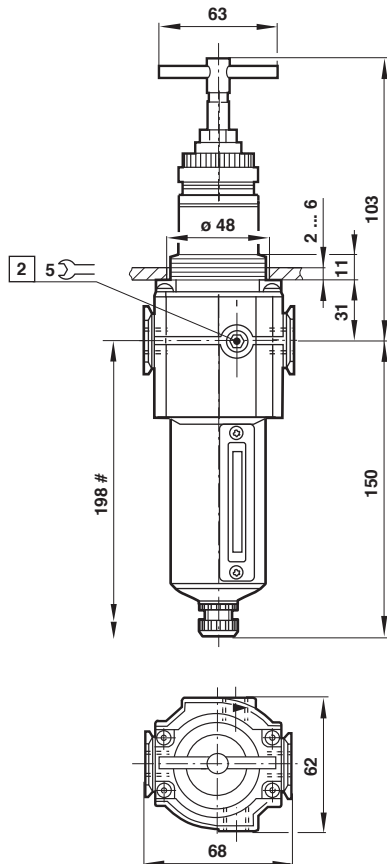
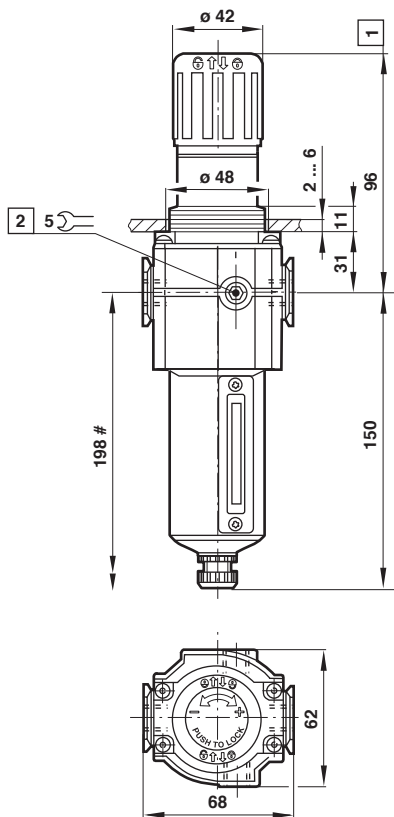
psig *1	bar	Mpa	Ø	Thread size	Model
0 ... 160	0 ... 11	0 ... 1.1	2" (50 mm)	1/4 NPT	18-015-209

*1) primary scale

Drawings Standard

T ba

Dimensions in mm
Projection/First angle



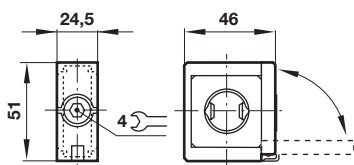
Minimum clearance required to remove bowl

1 Reduces by 4 mm with knob in locked position

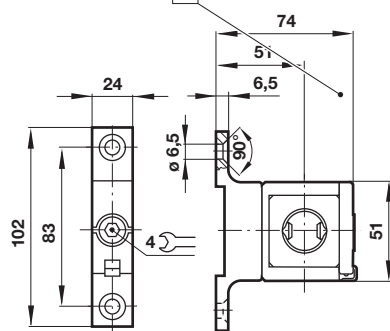
2 Gauge port Rc1/8 for ISO G and 1/4 PTF for PTF main ports

Accessories

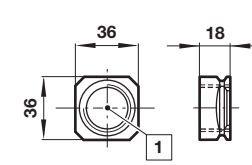
Quikclamp®



Quikclamp® with wall bracket

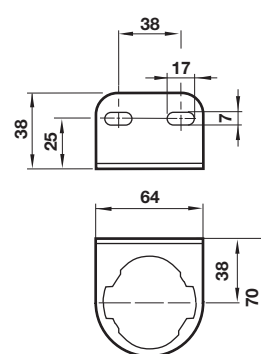


Pipe adapter



1 Main ports 3/8", 1/2" or 3/4"
ISO G/PTF

Neck mounting bracket



Warning

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

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 IMI 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.