- **Port size: 1/8” & 1/4” ISO G/PTF**
- **Very compact unit**
- **Snap action knob locks pressure setting when pushed in**
- **Protects air operated devices by removing liquid and solids contaminants**
- **Screw-on bowl reduces maintenance time**
- **Wide temperature range**
- **Shock and vibration tested to EN 61373, Category 1, class A and B**

EN 61373

+65°C (+149°F)

-40°C (-40°F)

Technical features

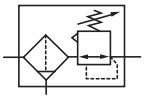
Medium:
Compressed air only
Maximum operating pressure:
17 bar (246 psi)
Pressure range:
0,3 ... 10 bar (4 ... 145 psi)
Other pressure ranges are available contact Norgren

Element:
5 or 40 µm
Flow:
See below
Main port sizes:
1/8” or 1/4”
Gauge ports:
1/8” PTF with PTF main ports
1/8” ISO Rc with ISO G main ports

Bowl:
31 ml (1 fluid ounce)
Drain:
Manual
Ambient/Media temperature:
-40 ... +65°C (-40 ... +149°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:
Body: Zinc alloy
Bonnet: Acetal
Bowl: Zinc alloy
Filter element: Sintered PE
Seals: NBR

Technical data, standard models with relieving

Symbol	Port size	Pressure range (bar)	Element (µm)	Flow *1) (dm^3/s)	Weight (kg)	Model ISO G thread	PTF thread
	1/8”	0,3 ... 10	40	6,2	0,26	LB07-133-M3MG	LB07-133-M3MA
	1/4”	0,3 ... 10	40	6,5	0,26	LB07-233-M3MG	LB07-233-M3MA
	1/8”	0,3 ... 10	5	6,2	0,26	LB07-133-M1MG	LB07-133-M1MA
	1/4”	0,3 ... 10	5	6,5	0,26	LB07-233-M1MG	LB07-233-M1MA

*1) Flow at inlet pressure 10 bar (145 psi), outlet pressure 6,3 bar (91 psi) and pressure drop 1 bar (14 psi)

Option selector

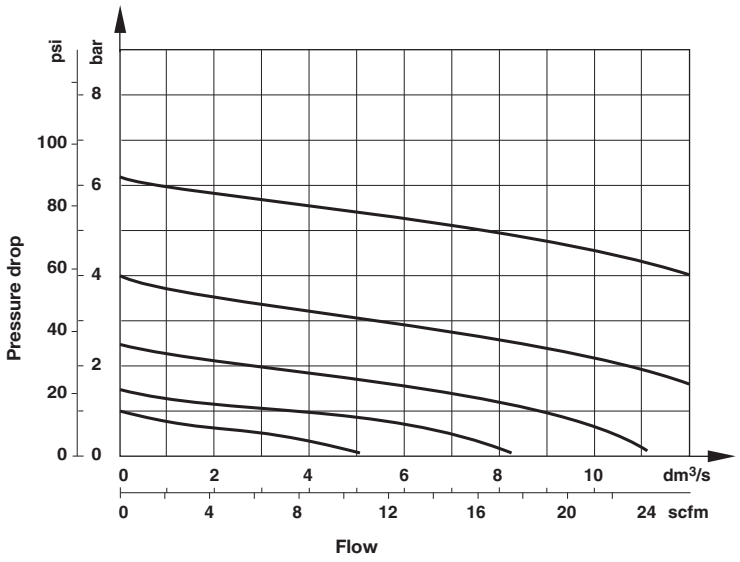
LB07-★33-M★M★

Port size	Substitute
1/8“	1
1/4”	2

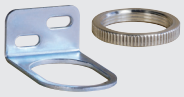
Element (µm)	Substitute
5	1
40	3

Thread	Substitute
PTF	A
ISO G	G

Flow characteristics
Port size: 1/4”
Element: 40 µm,
Inlet pressure:
10 bar (145 psi),
Range:
0,3 ... 7 bar (5 ... 100 psi)



Accessories

Wall mounting bracket and panel nut	Panel nut
	
1 & 4	4
18-025-004 (with metal nut)	2962-04 (Metal)

Service kit

	Manual drain	Replacement drain
		
40 µm:	3820-17	773-07
5 µm:	3820-15	

Gauge

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

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Pressure range bar *1	MPa	psi	Ø	Thread size	Model
0 ... 10	0 ... 1	0 ... 145	40 mm	Rc1/8	18-015-989

*1) primary scale

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

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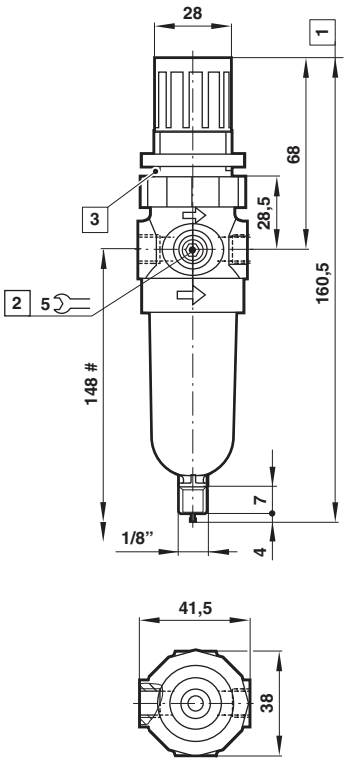
Pressure range psig *1	bar	MPa	Ø	Thread size	Model
0 ... 160	0 ... 11	0 ... 1.1	1 1/2""	1/8 NPT	18-015-212

*1) primary scale

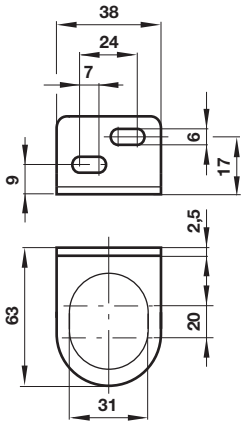
Dimensions

Manual drain



Bracket mounting

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
3 Panel mounting hole diameter 30 mm, Panel thickness 0 ... 6 mm

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 Precision Engineering, Norgren Inc.

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.