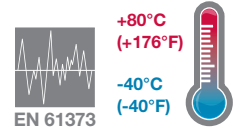


- > Port size: 3/4" ... 1 1/2" (ISO G/ PTF)
- > Olympian Plus plug in system
- > Effective liquid removal and positive solid particle filtration
- > Large filter element area provides minimum pressure drop
- > Optional male threaded drain adaptor available for connection to pilot or solenoid operated drain valve
- > 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)

Filter element:

40 µm (standard), 5 µm optional

Port sizes:

3/4", 1", 1 1/4" or 1 1/2"

Flow:

See table below

Drain:

Manual (standard)

Optional: automatic or open ended (with male thread adaptor)

Bowl size:

1 litre (34 fluid oz optional)

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, yoke and bowl: Aluminium

Liquid level indicator: Pyrex

Element: Sintered bronze

Elastomers: Synthetic rubber

Technical data - standard models

Symbol	Port size	Size	Flow* dm³/s	scfm	Filter element (µm)	Weight (kg)	(lbs)	Model ISO G thread	PTF thread
	3/4"	—	160	339	40	2,45	5,40	LF68E-6GN-MU3	LF68E-6AN-MU3
	1"	Basic	190	403	40	2,33	5,13	LF68E-8GN-MU3	LF68E-8AN-MU3
	1 1/4"	—	200	424	40	2,43	5,35	LF68E-AGN-MU3	LF68E-AAN-MU3
	1 1/2"	—	200	424	40	2,30	5,07	LF68E-BGN-MU3	LF68E-BAN-MU3
	Without yoke	—	—	—	40	—	—	LF68E-NNN-MU3	LF68E-NNN-MU3
	3/4"	—	160	339	5	2,45	5,40	LF68E-6GN-MU1	LF68E-6AN-MU1
	1"	Basic	190	403	5	2,33	5,13	LF68E-8GN-MU1	LF68E-8AN-MU1
	1 1/4"	—	200	424	5	2,43	5,35	LF68E-AGN-MU1	LF68E-AAN-MU1
	1 1/2"	—	200	424	5	2,30	5,07	LF68E-BGN-MU1	LF68E-BAN-MU1
	Without yoke	—	—	—	5	—	—	LF68E-NNN-MU1	LF68E-NNN-MU1

* Typical flow at 6,3 bar (90 psi) inlet pressure, 40 µm element and 0,5 bar (7 psi) pressure drop.

Option selector

Port size	Substitute
3/4"	6
1"	8
1 1/4"	A
1 1/2"	B
Without yoke	N
Thread	Substitute
PTF or without yoke (N in 6 h position), drain thread = PTF	A
ISO G parallel (standard)	G
Without yoke (N in 6th position), drain thread = ISO Rc	N

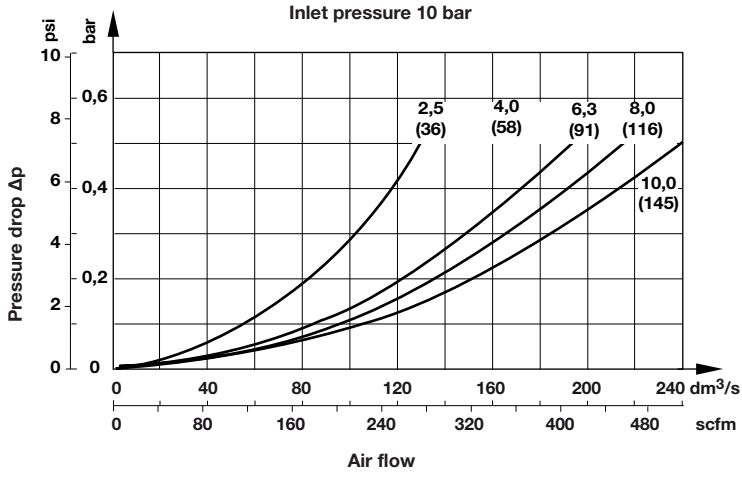
LF68E-★N-★

Element	Substitute
5 µm	1
40 µm	3
Bowl	Substitute
With liquid level indicator (standard)	U
No liquid level indicator	C
Drain	Substitute
Automatic	A *1)
Manual, spindle type (standard)	M
Open ended (with male thread adaptor)	N

*1) For temperature range -25 ... 80°C only, shock and vibration, contact Norgren






Flow characteristics

Port size 1", 40 µm element,
Inlet pressure: 6,3 bar (91 psi)



Accessories, service kit

Accessories




	Single yoke	Double yoke	End connector kit	Single yoke non threads	Bracket mounting
					
Thread	5	5	2	5	1
G3/4	Y68A-6GN-N1N	Y68A-6GN-N2N	5524-55	74785-98	18-001-979
G1	Y68A-8GN-N1N	Y68A-8GN-N2N	5524-52		18-001-979
G1 1/4	Y68A-AGN-N1N	Y68A-AGN-N2N	5523-52		18-001-978
G1 1/2	Y68A-BGN-N1N	Y68A-BGN-N2N	5523-93		18-001-972
3/4 PTF	Y68A-6AN-N1N	Y68A-6AN-N2N	5524-53		18-001-979
1 PTF	Y68A-8AN-N1N	Y68A-8AN-N2N	5524-50		18-001-979
1 1/4 PTF	Y68A-AAN-N1N	Y68A-AAN-N2N	5523-50		18-001-978
1 1/2 PTF	Y68A-BAN-N1N	Y68A-BAN-N2N	5523-95		18-001-972

Nut

4

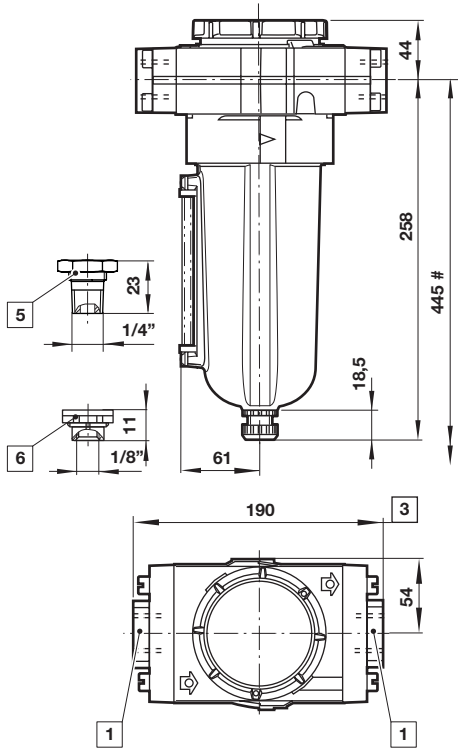
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Service kit

Service kit manual drain	Service kit, open ended adaptor	Service kit automatic drain
		
LF68G-KITM05 (5 µm) LF68G-KITM40 (40 µm)	LF68G-KITN05 (5 µm) LF68G-KITN40 (40 µm)	LF68G-KITA05 (5 µm) LF68G-KITA40 (40 µm)

Dimensions

Dimensions in mm
Projection/First angle

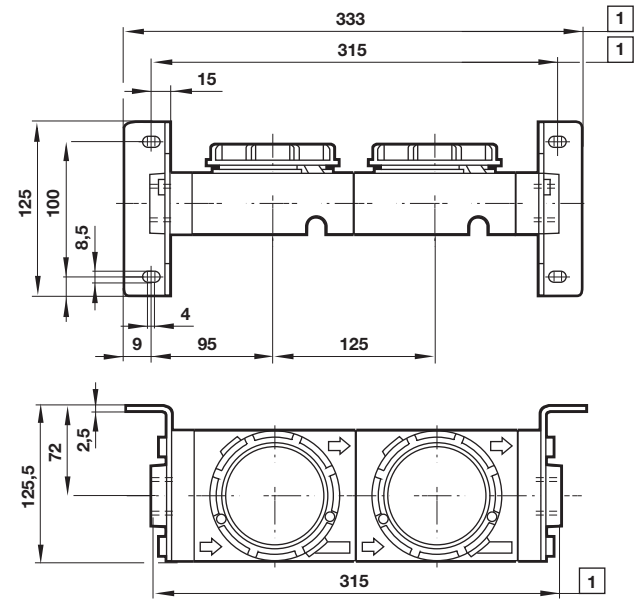
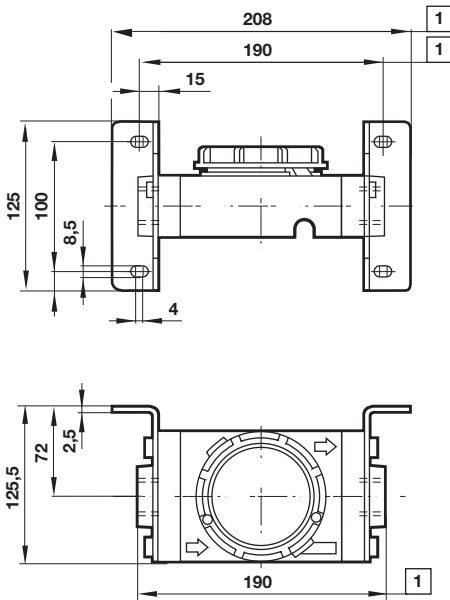


Minimum clearance required to remove bowl

- 1 Main ports 3/4", 1", 1 1/4" or 1 1/2"
- 3 Plus 10 mm for ports 1 1/4" or 1 1/2"
- 5 Open ended adaptor
- 6 Automatic drain (optional)

Single yoke with bracket

Double yoke with bracket



1 For 1 1/4" and 1 1/2" ported yokes add 10 mm

1 For 1 1/4" and 1 1/2" ported yokes add 10 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 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.