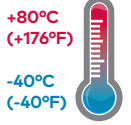


## LF17 series General purpose filter

- Port size: 3/4" ... 1 1/2" (ISO G, PTF)
- Protects air operated devices by removing liquid and solid contaminants from compressed air
- Screw-on bowl reduces maintenance time
- Optional service indicator turns from green to red when the filter element needs to be replaced
- Wide temperature range
- Shock and vibration tested to EN 61373, Category 1, class A and B



### Technical features

**Medium:**  
Compressed air

**Maximum operating pressure:**  
17 bar (250 psi)

**Filter element:**  
5 or 40 µm

**Flow:**  
See below

**Port size:**  
3/4", 1", 1 1/4" or 1 1/2"


**Drain:**  
Manual or open ended adaptor

**Bowl size:**  
1 litre (1 quart US)

**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 and bowl: Aluminum  
Bowl sight glass: Pyrex  
Elastomers: NBR  
Filter element: Sintered bronze

### Technical data, standard models

Symbol	Port size	Maximum flow *1)		Weight		Model ISO G parallel threads		Model PTF threads	
		(dm <sup>3</sup> /s)	scfm	(kg)	(lbs)	40 µm	5 µm	40 µm	5 µm
	3/4"	153	324	1,93	4,25	LF17-600-P3DG	LF17-600-P1DG	LF17-600-P3DA	LF17-600-P1DA
	1"	201	426	1,88	4,14	LF17-800-P3DG	LF17-800-P1DG	LF17-800-P3DA	LF17-800-P1DA
	1 1/4"	201	426	1,99	4,38	LF17-A00-P3DG	LF17-A00-P1DG	LF17-A00-P3DA	LF17-A00-P1DA
	1 1/2"	201	426	1,95	4,29	LF17-B00-P3DC *1)	LF17-B00-P1DC *1)	LF17-B00-P3DA	LF17-B00-P1DA

\*1) Typical flow with a 40 µm element at 6,3 bar (90 psi) inlet pressure and 0,5 bar (7 psi) pressure drop.

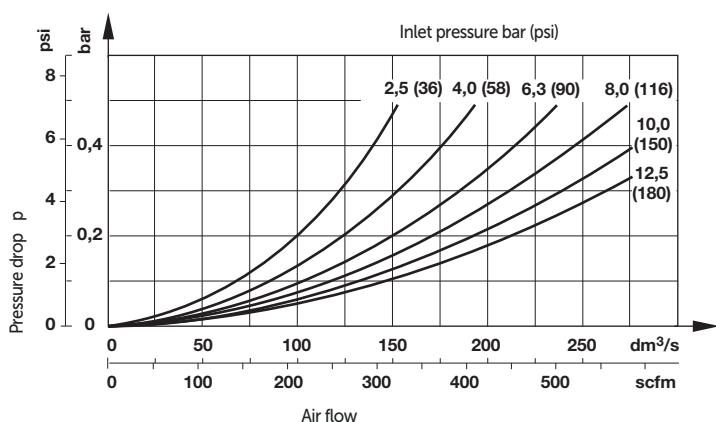
\*1) ISO Rp thread

### Option selector

Port size		Substitute		Thread		Substitute	
3/4"		6		PTF		A	
1"		8		ISO Rp (1 1/2" ported units only)		C	
1 1/4"		A		ISO G parallel (not available with 1 1/2" ported units)		G	
1 1/2"		B		Bowl			
Service life Indicator				With sight glass (standard)		D	
Without		0		Without sight glass		M	
With (visual)		1		Filter element			
Drain				5 µm		1	
Manual (standard)		P		25 µm (optional)		2	
Open ended adaptor		X		40 µm		3	

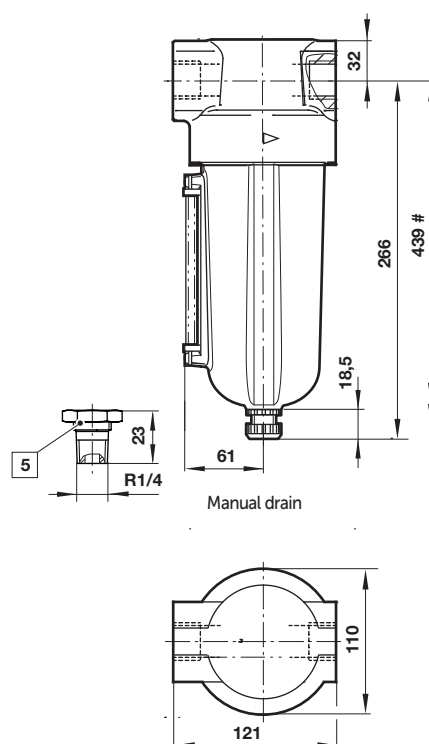
## Flow characteristics

Port size: 1"



## Dimensions

Dimensions in mm  
Projection/First angle



## Service kit



# Min clearance required to remove intermediate body and bowl.

1 Optional with service life indicator

5 Open ended adaptor

## Warning

These products are intended for use in industrial compressed air 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 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.