



Flow Limiter BF

Mechanical flow limiter with flange connection



- High functional reliability
- Installation in any mounting position
- No power supply required
- Suitable for hot water
- Sandwich mounting

D-EN_BF-20211110



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Arbeitsweise

The flow limiters BF work on a pure mechanical base and do not require any external power source.

The cross sectional area, available to the flowing medium, will change with pressure changes in that way, that an almost constant flow stream can be maintained.

Features

- Universal orientation
- High reliability
- No power supply required
- Suitable for hot water
- Flange connection

Application

- Water treatment
- Irrigation
- Sanitary installations

Operating data	
Control pressure	2 - 10 bar
Operating pressure max.	10 bar
Temperature max.	200 °C
Measuring accuracy	up to 2 l/min ± 15% of nominal value
	up to 3 l/min ± 10% of nominal value

Flow		
	Flow for H ₂ O at 20°C	
	Q _{min} (l/min)	Q _{max} (l/min)
BF [DN 40]	2	60
BF [DN 50]	4	120
BF [DN 65]	7	210
BF [DN 80]	9	270
BF [DN 100]	14	420

Materials	
Stainless steel version, wetted parts	
Device body	1.4571
Regulating star	1.4310
Cone	1.4301
Rivet	1.4301
Spacer ring	1.4310
Retaining ring	1.4122

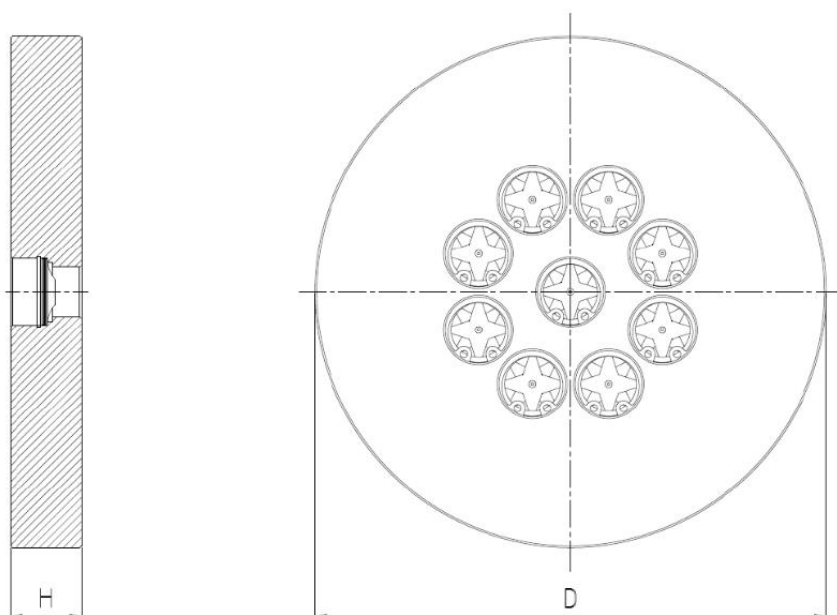
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Technical drawing BF



Summary of Types							
Nominal size	Standard	Number of regulating stars	Pressure rating of the intermediate flange	Flow [l/min]		H [mm]	D [mm]
				min.	max.		
DN 40	DIN / ASME	2	PN 16 / 300 lbs	2	60	19,1	95
DN 50	DIN	4	PN 16	4	120	18,0	110
DN 50	ASME	4	300 lbs	4	120	23,9	113
DN 65	DIN / ASME	7	PN 16 / 300 lbs	7	210	23,9	130
DN 80	DIN	9	PN 16	9	270	20,0	145
DN 80	ASME	9	300 lbs	9	270	23,9	150
DN 100	DIN	14	PN 16	14	420	20,0	165
DN 100	ASME	14	300 lbs	14	420	23,9	182

Important instructions!

Technical changes and errors reserved. Pictures can be similar.

The operating instructions belonging to this device must be observed! Download at www.schmidt-messtechnik.com.

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