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Flow limiter KM-...A

- **Male thread**

- **Metal construction**
- **Installation location as desired**
- **No need for auxiliary power**

Characteristics

The constant flow is created by two crossways stainless steel spring plates which close or open an annular gap located behind them to a greater or lesser degree, according to the flow value.
The controlled value results from the addition of the individual control inputs.

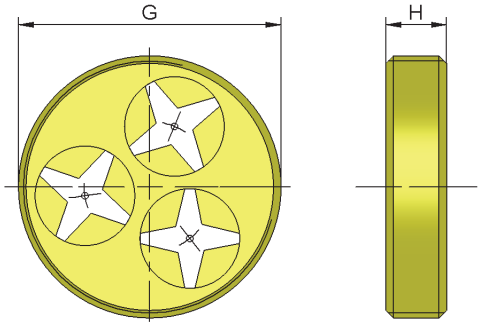
Flow value%
of controlled value

Technical data

Nominal width	DN 32..80		
Process connection	male thread G 3/4 A..G 3 A		
Controlled values	Connection	Controlled value	Control inputs
	G 3/4 A	1.. 30 l/min	1
	G 1 1/2 A	2.. 90 l/min	2..3
	G 2 A	3..120 l/min	3..4
	G 2 1/2 A	5..150 l/min	5
	G 3 A	6..210 l/min	6..7
	Example: The controlled value of 55 l/min is achieved using a limiter with two control inputs of 30 l/min + 25 l/min.		
Control inputs	individual controlled values for the control inputs		
	1 l/min	6 l/min	16 l/min
	2 l/min	8 l/min	20 l/min
	3 l/min	10 l/min	25 l/min
	4 l/min	12 l/min	30 l/min
Tolerance	to 2 l/min: ±15 % of nominal value from 3 l/min: ±10 % of nominal value		
Differential pressure	2..10 bar		
Media temperature	0..200 °C		
Ambient temperature	0..200 °C		

Medium	water	
Materials medium-contact	*Brass construction:* CW614N nickelled, 1.4310, 1.4301; 1.4121	*Stainless steel construction:* 1.4571, 1.4310, 1.4301; 1.4121
Weight	see table "Dimensions and weights"	
Installation location	as desired	

Dimensions and weights



G	Nominal width	Type	H	Control inputs	Weight kg
G 3/4 A	DN 20	KM-020A.	12	1	0.04
G 1 1/2 A	DN 40	KM-040A.	12	2..3	0.11
G 2 A	DN 50	KM-050A.	15	3..4	0.20
G 2 1/2 A	DN 65	KM-065A.	15	5	0.30
G 3 A	DN 80	KM-080A.	15	6..7	0.38

Ordering code

KM - 1. [ ] 2. [A] 3. [ ] 4. [ ]

1.	**Nominal width**		
	020	DN 20 - G 3/4 A	
	040	DN 40 - G 1 1/2 A	
	050	DN 50 - G 2 A	
	065	DN 65 - G 2 1/2 A	
	080	DN 80 - G 3 A	
2.	**Process connection**		
	A	male thread	
3.	**Connection material**		
	M	brass	
	K	stainless steel	
4.	**Controlled value H_2O**		
	001	001..030 l/min	●
		002..090 l/min	●
	..	003..120 l/min	●
		005..150 l/min	●
	210	006..210 l/min	●

Options

- Special values

Ordering information

- Specify direction of flow, medium, and controlled value.
- For viscous media specify viscosity, temperature, and medium (e.g. ISO VG 10) (enquire about controlled value).