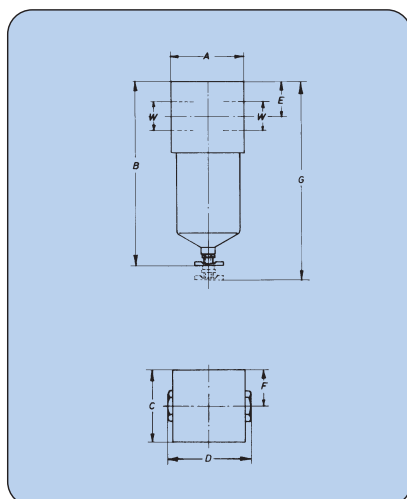


445.116



Compressed air filters in modular design with condensation drain, manually operated. Filter element of Borosilicate microfiber fleece. Body of aluminium (black anodized). Bowl of brass. Test certificate for pressure bowl included. Micro-filters guarantee as the second stage best possible quality with an effectiveness of 99,9999% based on 0,01 μm . Residual oil content 0,01 ppm. The filter element with a pore size lower than 0,01 μm are of borosilicate filter with supporting casing made of stainless steel (V2A) and foamed plastic cover. Flow passes from inside to outside. Replacement after 6 months.

Technical Data

	I	II	Super
Nominal rates of flow**	2000 NI/min	3000 NI/min	7000 NI/min
Max. operating pressure		40bar (PN40)	
Operating temperature		0°C to +90°C	
Effective bowl volume		max. to Microfilterelement	
Mounting position		vertical	
Direction of flow		arrow	
Nominal width	DN15	DN20	DN50
Weight	1220g	2000g	5800g
Material			
Seals		NBR	
Housing		aluminum	
Metal bowl		brass	aluminum
Filter element		borosilicate glass microfiber	

** measured at $p_1=6\text{bar}$ and $\Delta p=0,5\text{bar}$

40bar Micro-Filters

Size	G ^{3/8}	G ^{1/2}	G ^{3/4}	G1	G1 ^{1/2}	G2
I	445.115*	445.116	-	-	-	- II
II	-	-	445.108*	445.109	-	-
Super	-	-	-	-	454.511*	454.512

Accessories

	I	II	Super
Bracket mounting for housing	445-39	445-28	429-27

Main spare parts

	I	II	Super
Filter elements			
0,01 μm	448-8	403-3	454-17
Manual drain valve for metal bowls	275-41***	275-41***	275-41***

*** Condensate drain under pressure only to 25bar range

For maximum working life we recommend using a normal filter 40baras first stage.

Dimensions [mm]

Size Port	I G ^{3/8} *, G ^{1/2}	II G ^{3/4} *, G1	Super G1 ^{1/2} *, G2
A	65	80	140
B	200	210	285
C	65	80	120
D	70 65	92 80	160 140
E	32	40	42,5
F	31	40	70
G**	250	285	350

**Space required to change element.

Rates of flow

