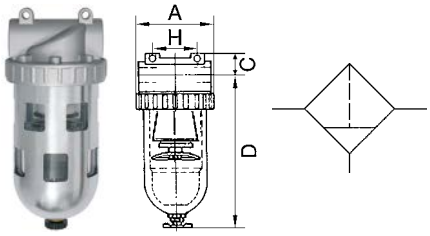
Filter

»Standard« series

EASY

Art. No. **100963**

Type No. **640.116 S**



Exemplary illustration

Centrifugal separators with a sintered filter element.

Technical data

Series	Standard
Size	1
Thread	G 1/4 IT
Type of construction	sintered filter centrifugal principle
Filter rating	5 µm
Condensate drain	semi-automatic
Bowl	polycarbonate container with protective cage
DN	6 mm
Minimum inlet pressure for semi-autom. and fully autom. discharge	1.5 bar
Max. input pressure	16 bar
Flow rate measurement	at P_2 = 6 bar and pressure drop Δ_p = 1 bar
Flow rate	800 l/min
Medium	compressed air, neutral gases
Medium temperature	-10 to 60 °C
Ambient temperature	-10 to 60 °C
Housing	die-cast zinc, painted silver
Mounting position	vertically, drain valve at bottom
Type of fastening	angle bracket
A	48.0 mm
C	14.0 mm
D	131.6 mm
H	38.0 mm

Special designs (other condensate drain, temperature range) available on request

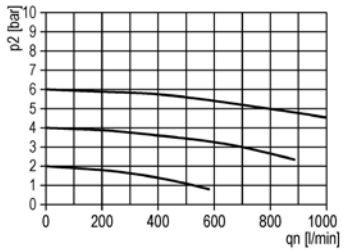
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Commercial data

Customs tariff number	84213925
Country of origin	DE
eCl@ss 5.1.4	27293001
eCl@ss 9.0	27293001
UNSPSC_Code_v190501	40161505
UNSPSC_CodeDesc_v190501	Air filters

Flow chart



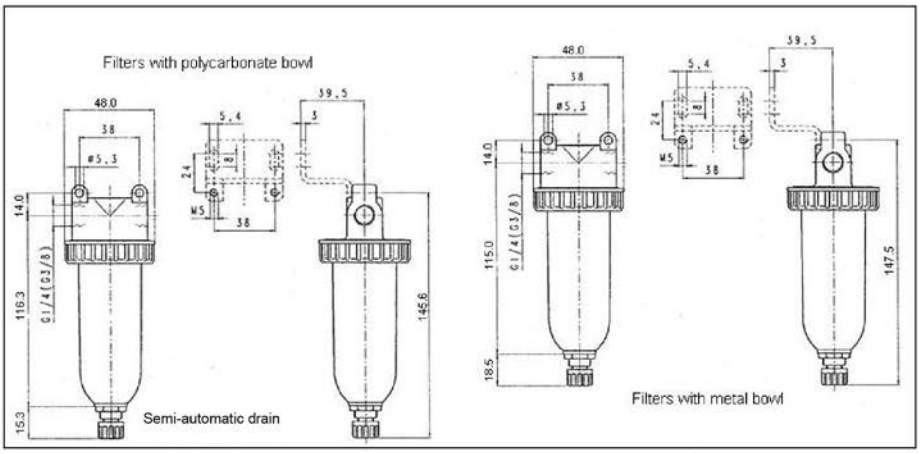
Materials

Part	Material
Head piece (body)	Z 410
O-ring 37x2	NBR
Filter element 5 µm	Polyethylene
Air deflector	PS
Baffle	PE

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Dimensions [mm]



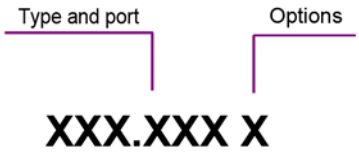
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Description

Standard design
Flow direction indicated by arrows
Filter rating acc. to ISO 4003, glass bead test

Ordering information



Order example: 640.116 K-HA

Port	
640.116	G 1/4
640.126	G 3/8
Options	
K-HA	Plastic bowl
M	Metal bowl
S	Bowl guard

Please use the suffix »A« to order fully-automatic drain

Accessories

	Art. No.	Type No.
Mounting bracket with 2 screws	100981	H 800
Metal container, incl. O-ring 37x2, with manual bleeder valve, for filter regulator and filter »Standard«, Size 1, G 1/4 and G 3/8	100942	640/12
Automatic bleeder valve, Input pressure max. 16 bar, »multifix«,»multifix-mini«,»FUTURA«, »FUTURA-mini«,»Standard«,»Standard-mini«	100362	655.6.900

Spareparts

	Art. No.	Type No.
Protective cage, for series »Standard«, Size 1, G 1/4 and G 3/8	100940	SK 01
PC container, incl. O-ring, with semi automated bleeder valve, for filter regulator and filter »Standard«, Size 1, G 1/4 and G 3/8	100941	640/2-HA
Filter element 5 µm, Cellpor, for »FUTURA«, »FUTURA-mini«, »multifix-mini« and »Standard«, Size 1, G 1/4 and G 3/8	100134	611.6.905

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