



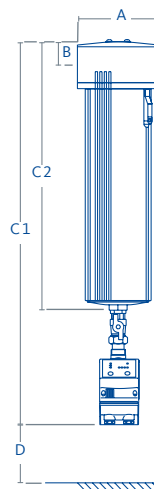
CLEARPOINT® (C, F, S): S040 – M032 Threaded filter

Filter for the separation of aerosols & solid particles

- › PFAS-free **CLEARPOINT® evo** filter element
- › Very low pressure difference at optimum separation efficiency
- › Performance-optimised volume flow higher by up to 30%
- › Validated in accordance with ISO 12500-1 and 3
- › With **BEKOMAT® 20 / BEKOMAT® 20 FM** (filter management) or float drain
- › Max. operating temperature: +60 °C, option +80 °C (Option +80 °C at extra charge. Not available with float drain)
- › Max. operating pressure: 16 bar [g]
- › Filter for natural gas (CNG) up to installation size M023 on request

Example for required filter size Application ≠ 7 bar [g]:

Volume flow rate: 480 m³/h
 Operating pressure: 5 bar [g]
 Correction factor: 0.84
 ⇒ 480 m³/h / 0,84 = 571 m³/h (7 bar [g])
 ⇒ required filter size: M020



CLEARPOINT® (C, F, S)	S040	S050	S055	S075	M010	M012
Connection*5	3/8" (1/2")*2	1/2"	1/2"	3/4" (1")*2	1"	1"
Volume flow rate 7 bar [g]*1 [m³/h] energy-optimised	35	65	100	150	200	250
Volume flow rate 7 bar [g]*1[m³/h] performance orientated	46	85	130	195	260	325

Dimensions

A (mm)	75	75	75	100	100	100
B (mm)	28	28	28	34	34	34
C1 (mm)	394	424	479	494	564	599
C2 (mm)	182	212	267	282	352	387
D (mm)	150	150	150	150	150	150
Volume (l)	0.25	0.31	0.42	0.87	1.12	1.26
Weight (kg)	0.75	0.85	1.2	1.7	2.1	2.2
Category according to PEDL2014/68/ EU / Fluid group 2	–	–	–	–	–	–

Price group 82

Order ref.: Filter with float drain (normally open)	S040 (Typ) WF	S050 (Typ) WF	S055 (Typ) WF	S075 (Typ) WF	M010 (Typ) WF	M012 (Typ) WF
Price (€)						

Order ref.: Filter with BEKOMAT® 20 FM	S040 (Typ) WT	S050 (Typ) WT	S055 (Typ) WT	S075 (Typ) WT	M010 (Typ) WT	M012 (Typ) WT
Price (€)						

Price group 86

Order ref.: Filter element incl. housing gasket	04(Typ)-evo	05(Typ)-evo	06(Typ)-evo	07(Typ)-evo	10(Typ)-evo	12(Typ)-evo
Price (€)						

*1 In the event of a deviating operating pressure please multiply the volume flow indicated at 7 bar by the corresponding correction factor of the actual operating pressure, see next page.

*2 Available as an option, same price as standard connection, e.g. S040SWF (3/8") S040SWFX (1/2").

*3 In order to achieve Class [1:-1] an additional active carbon filter and dust filter are generally required as the coalescence filter cannot retain the oil vapour.

*4 Values may vary depending on the application conditions.

*5 NPT on request.

The above footnotes also apply to the following page.

Ordering example	
Construction size	S040CWT
Type	S040CWT
	Type Filter C Coarse filter (25 µm) F Fine filter (1 µm) S Super fine filter (0.01 µm)
Differential pressure gauge	S040CWT
	D Differential pressure gauge FDPS without potential-free contact Extra charge of 151 € (Price group 84) P Differential pressure gauge FSSDPIWE with potential-free contact Extra charge of 239 € (Price group 84) W Without indicator unit
drain:	S040CWT
	T S040 – M032: BEKOMAT® 20 FM B S040 – M032: BEKOMAT® 20 less a charge of 73 € (compared to version BEKOMAT® 20 FM) F Float drain

Type	C	F	S
Solid particles class in accordance to DIN ISO 8573-1	4	2	1
Class attainable in accordance with DIN ISO 8573-1	[4::-4]	[2::-2]	[1::-2] *3
Oil aerosol content at 20 °C, 1 bar [a] – inlet side (mg/m³)	30	10	10
Oil aerosol content at 20 °C, 1 bar [g] – outlet side (mg/m³)	≤ 5	≤ 0.05	≤ 0.01
Initial differential pressure (dry)	0.03	0.03	0.04

Oil-free versions	
frame size	surcharge
S040 – S055	102,- €
S075 – M012	137,- €
M015 – M023	153,- €
M025 – M032	339,- €

CLEARPOINT® (C, F, S)	M015	M018	M020	M022	M023	M025	M027	M030	M032
Connection*5	1 1/2" (2")*2	1 1/2" (2")*2	2"	2"	2"	2 1/2" (3")*2	2 1/2" (3")*2	3"	3"
Volume flow rate 7 bar [g]*1 (m³/h) energy-optimised	320	420	600	780	1020	1300	1620	1940	2400
Volume flow rate 7 bar [g]*1 (m³/h) performance orientated	415	545	780	1015	1325	1690	2100	2520	3120

Dimensions									
A (mm)	146	146	146	146	146	260	260	260	260
B (mm)	48	48	48	48	48	77	77	77	77
C1 (mm)	575	628	678	775	893	882	986	1006	1256
C2 (mm)	363	416	466	563	681	670	774	894	1044
D (mm)	200	200	200	200	300	300	300	300	300
Volume (l)	2.52	2.97	3.4	4.23	5.24	13.88	16.49	19.51	23.24
Weight (kg)	4.1	4.5	5.1	6.1	7.1	19.9	22.6	25.9	29.9
Category according to PEDL2014/68/ EU / Fluid group 2	–	–	I	I	I	II	II	II	II

Price group 82									
Order ref.: Filter with float drain (normally open)	M015 (Typ) WF	M018 (Typ) WF	M020 (Typ) WF	M022 (Typ) WF	M023 (Typ) WF	M025 (Typ) WF	M027 (Typ) WF	M030 (Typ) WF	M032 (Typ) WF
Price (€)									

Order ref.: Filter with BEKOMAT® 20 FM	M015 (Typ) WT	M018 (Typ) WT	M020 (Typ) WT	M022 (Typ) WT	M023 (Typ) WT	M025 (Typ) WT	M027 (Typ) WT	M030 (Typ) WT	M032 (Typ) WT
Price (€)									

Price group 86									
Order ref.: Filter element incl. housing gasket	15 (Typ)-evo	18 (Typ)-evo	20 (Typ)-evo	22 (Typ)-evo	23 (Typ)-evo	25 (Typ)-evo	27 (Typ)-evo	30 (Typ)-evo	32 (Typ)-evo
Price (€)									

Correction factor

bar [g]	0.3	0.6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Correction factor	0.21	0.29	0.38	0.53	0.65	0.76	0.84	0.92	1	1.07	1.13	1.19	1.25	1.31	1.36	1.41	1.46	1.51