

TOPCART Multiple Cartridge Filters

TOPCART multiple cartridge filters are heavy-duty standard filter housings designed for industrial liquid filtration. They are made of either stainless steel (SS 316) or special materials such as Hastelloy for 6 to 73 standard filter cartridges in 9 3/4" to 40" in length.

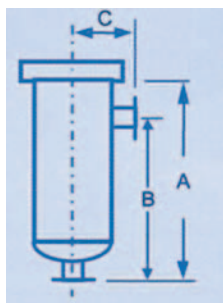
These filters feature a variety of different options including flat or spherical covers, clamp screws or swing-eye bolts, loose covers or davits (manual or hydraulic), side entry and central bottom outlet. The cover is sealed with an NBR-O-ring. FPM O-rings are available as an option. All filters are equipped with a cover vent and a drain in the bottom plate.

Heating jackets are available for all **TOPCART** multiple filter housings. Further modifications are available upon request.



TOPCART cartridge filters are ready to be used with standard DOE filter cartridges, with SOE-222 cartridges (standard) or with SOE-226 cartridges (special).

On request, manufacturing can be made in accordance with a notified body approval (CE certification according to PED 97/23/EC).



Type Code: TKF-620-S-M

TOPCART Cartridge Filter _____

No. of Filter Cartridges _____

Length of Filter Cartridges _____

09 = 9 3/4" (248 mm)
 20 = 20" (508 mm)
 30 = 30" (762 mm)
 40 = 40" (1016 mm)

Design Code
i.e. type of lid / closure

Material of Construction
S = SS 316
H = HASTELLOY

Max. Cartridge Outside Diameter: 70 mm

Technical Data:

TOPCART Type	TKF-609-S to TKF-640-S	TKF-1120-S to TKF-1140-S	TKF-1920-S to TKF-1940-S	TKF-3720-S to TKF-3740-S	TKF-7330-S to TKF-7340-S		
Max. Operating Conditions (bar/°C)	10/160	10/121					
Construction Materials	SS 316 or special material (e.g. HASTELLOY) on request						
Filter Connections (N1/N2)	DN 50	DN 80	DN 100	DN 150	DN 150		
Lid Type	flat loose cover	flat loose cover	flat davit construction	spherical davit construction	spherical davit construction		
Lid Closure	swing eye-bolts	studs, hex. bolts/nuts	studs, hex. bolts/nuts	segment clamps screws			
Max. Flow Rate (m³/h)	Length of Filter Cartridge	9 3/4"	9	—	—	—	
		20"	18	33	57	111	—
		30"	27	50	86	167	328
		40"	36	66	115	222	438
Approx. Dimensions (mm) A/B/C	Length of Filter Cartridge	9 3/4"	490 / 410 / 220	700 / 500 / 265	735 / 525 / 305	795 / 595 / 380	1115 / 925 / 500
		20"	735 / 665 / 220	945 / 745 / 265	980 / 770 / 305	1040 / 840 / 380	1365 / 1175 / 500
		30"	985 / 905 / 220	1195 / 995 / 265	1230 / 1020 / 305	1290 / 1090 / 380	
		40"	1230 / 1150 / 220				
Approx. Housing Weight (kg) / Volume (l)	Length of Filter Cartridge	9 3/4"	43 / 14	—	—	—	
		20"	47 / 24	76 / 51	118 / 85	200 / 210	—
		30"	51 / 31	82 / 73	129 / 120	221 / 270	562 / 405
		40"	55 / 44	88 / 93	140 / 150	242 / 330	605 / 530