

DESCRIPTION **auto-klean**® 05C self-cleaning filters operate on the edge-filtration principle and are of all-metal plate-type construction. They are cleaned without interrupting the flow of liquid by one complete turn of the handle attached to the element spindle. This action deposits all the solids accumulated around the element into the filter sump. A magnetic insert can be fitted in the sump drain plug to give additional protection against ferrous particles. A mounting bracket is supplied as a standard fitting with these filters.

APPLICATIONS All grades of oils and distillates, chemicals, beverages, food products, paints, resins, grease and industrial liquids of every kind.

ELEMENTS

Diameter	25.4mm (1")
Length	57.2mm (2¼") nett.
Mesh	.076mm (.003") .127mm (.005") .203mm (.008")
	.254mm (.010") .381mm (0.15") .508mm (0.20")

CONNECTIONS ½" B.S.P.

PRESSURE

Maximum Working	8.5 bar (125lb/in ²)
Test	17.0 bar (150lb/in ²)

MATERIALS

Standard	Cover & Sump	Aluminium Alloy
	Internals	Mild Steel and Brass

SUMP CAPACITY 115 cubic centimetres (7 cubic inches)

WEIGHT 0.9kg (2lb)

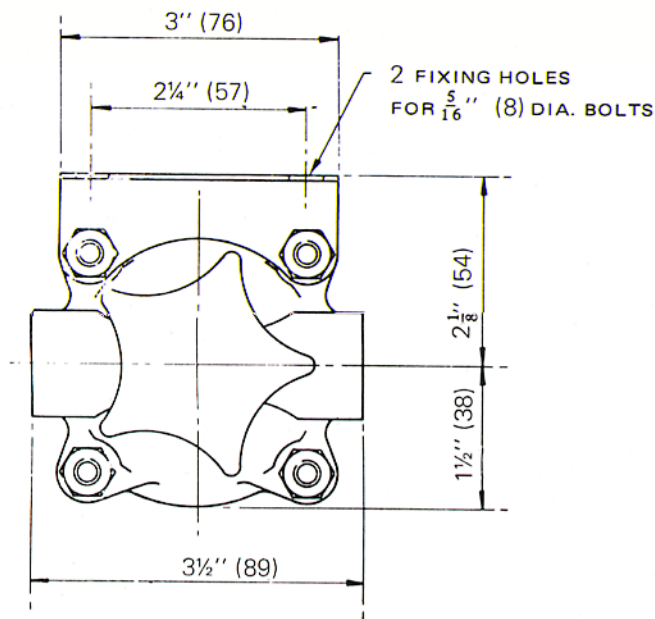
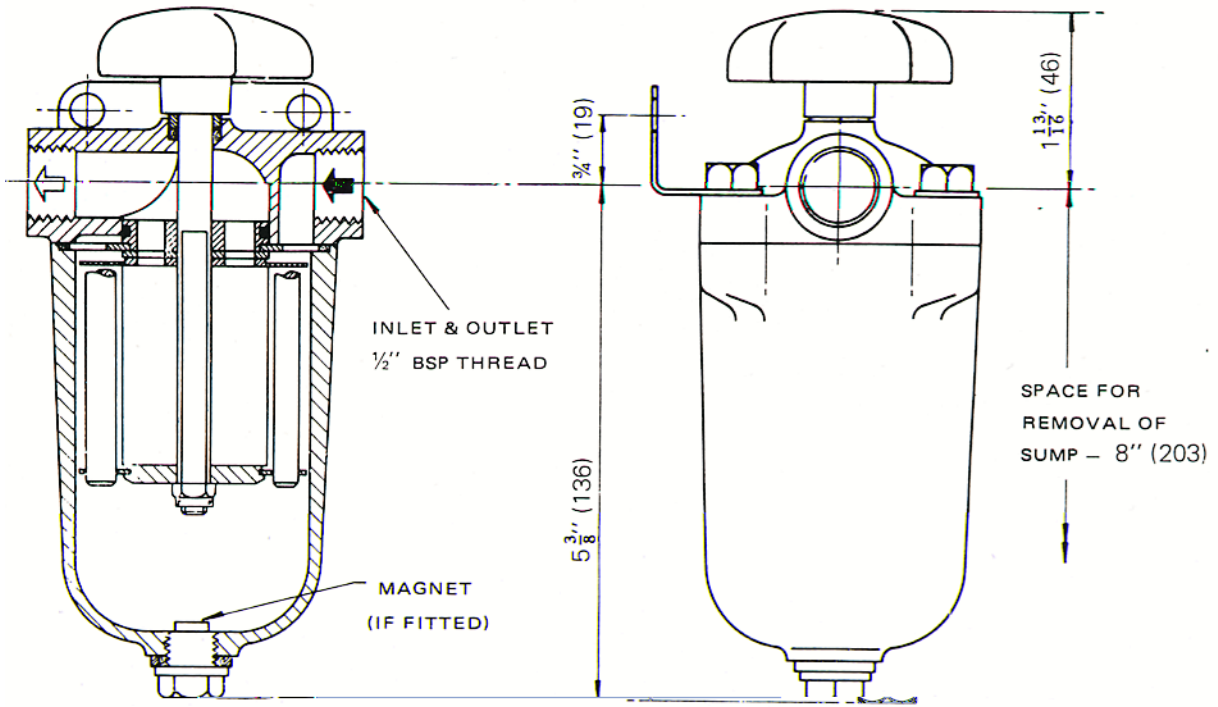
DIMENSIONS See table on page 2

FLOW RATES The flow rates listed below cover only a limited range of applications. Capacities for other liquids and filter meshes will be quoted on request. For discharge filters the capacities are based on a pressure drop of .1 to .15 Kg/cm² (1.5 to 2 lb/in²) across a clean element.

Maximum flow rate for any condition - **1350 litres (300 gallons)** per hour



Service	Auto-Klean Mesh		Equivalent Gauze Mesh	Free Area		Capacity		Viscosity	
	mm	in		cm ²	in ²	Gallons Per Hour	Litres Per Hour	Seconds Redwood No.1	Engler Degrees
Engine Lubricating	.076	.003	150 x 150	8.1	1.25	35	159	250	8.1°
Oil Discharge	.127	.005	100 x 100	11.7	1.81	85	386	250	8.1°
Machine Tool Lub.	.076	.003	150 x 150	8.1	1.25	20	91	500	16.2°
Oil Discharge	.127	.005	100 x 100	11.7	1.81	50	227	500	16.2°
Fuel Oil Discharge	.076	.003	150 x 150	8.1	1.25	90	410	35 to 60	1.3° to 2.1°
	.127	.005	100 x 100	11.7	1.81	140	640	35 to 60	1.3° to 2.1°
Suction	.076	.003	150 x 150	8.1	1.25	30	136	60	2.1°
	.254	.010	60 x 60	11.7	2.7	20	91	900	29.3°
Gas Oil	.076	.003	150 x 150	8.1	1.25	30	136	30 to 60	1.1° to 2.1°
Gravity feed 1ft. head									
Petrol	.076	.003	150 x 150	8.1	1.25	50	227		
Gravity feed 1ft. head									
Spray Paint	.076	.003	150 x 150	8.1	1.25	20	91	40 Seconds Ford Cup No.4	



mm. DIMENSIONS IN BRACKETS

TYPE 095

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