

DESCRIPTION auto-klean® klariflo® filters E10001D and E10002D give clarification to micron limits. Exceptional life and dirt holding capacity are achieved by true depth filtration. The elements are retained in position within the filter bodies by means of single nuts, thus facilitating quick and easy removal. This method of construction allows the unit to be dismantled with the minimum of labour when thorough cleaning and element replacement are required. An integral change-over cock is contained within the cover casting, which also has provision for mounting in the form of a vertical bracket. Both top and bottom joints are groove retained and are available in all materials.

APPLICATIONS Fuel oils and distillates.

ELEMENTS

Diameter	63mm (2.5")
Length	254mm (10")
Filter Media	Bleached Cotton, Jute, Nylon, Polypropylene, Glass Fibre, Cellulose Acetate.

CONNECTIONS 1" B.S.P. or B.S. 1770 Square Flanges.

PRESSURE

Working	7 bar (100lb/in ²)
Test	14 bar (200lb/in ²)

TEMPERATURE Maximum 120°C (250°F)

MATERIALS

Standard	Body	Mild Steel
	Covers	Cast Iron

BODY CAPACITY E10001D - 1.5 litres (2.6 pints) E10002D - 3.1 litres (5.4 pints)

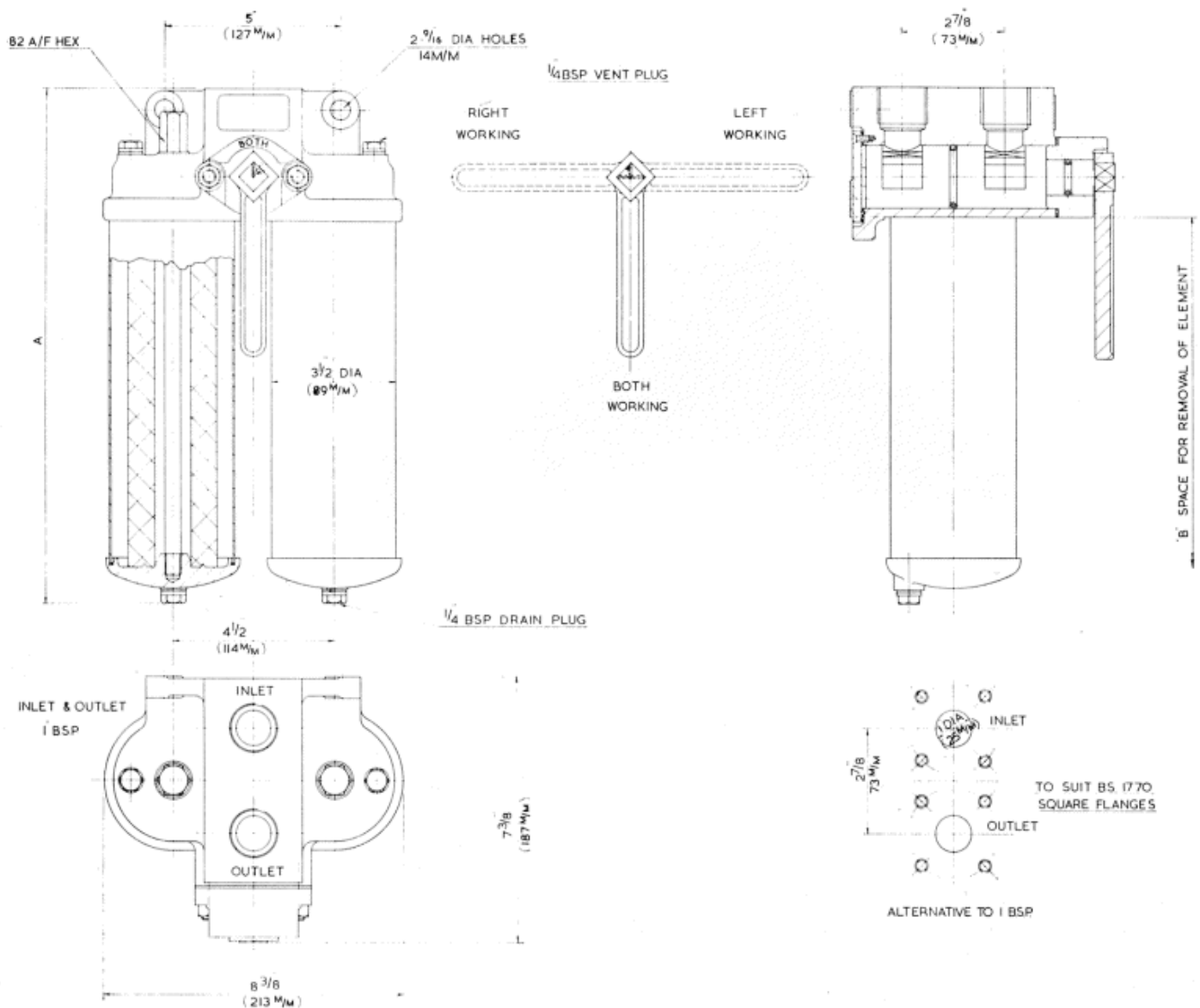
WEIGHT E10001D - 13Kg (29lbs) E10002D - 15Kg (34lbs)

DIMENSIONS See table on page 2

FLOW RATES The flow rates listed below are for a Cotton filtering medium and are based on an initial pressure drop of 0.2 bar (3lb/in²) across a clean element.



Service	Type	Viscosity		Capacity									
		Seconds Redwood No.1	Degrees Engler	Gallons Per Hour				Litres Per Hour					
Viscous Liquids	E10001D	50	1.75°	Density Grading - Microns									
				100	3.3°	1	5	10	20	1	5	10	20
						18	78	160	300	82	354	727	1364
						9	39	80	150	41	177	364	682
250	8.1°	3.5	16	30	60	16	73	136	273				
E10002D	50	1.75°	3.3°	1	5	10	20	1	5	10	20		
				36	157	320	600	164	708	1454	2728		
				18	78	160	300	36	354	728	1364		
				7	32	60	120	14	146	272	546		
250	8.1°												



TYPES E10001D, E10002D

Type	Elements			Dimensions			
	Number	Positioned Up	Positioned Round	A		B	
				ins	cms	ins	cms
E.10001D	1	1	1	14	36	13	33
E.10002D	2	2	1	24½	62	25	64

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