

DESIGN DATA

CAST IRON BS 1452 GR 220			CAST STEEL ASTM A216 WCB			STAINLESS STEEL BS 1504 316 C16		
FLANGE RATING	DESIGN PRESSURE	WORKING TEMP	FLANGE RATING	DESIGN PRESSURE	WORKING TEMP	FLANGE RATING	DESIGN PRESSURE	WORKING TEMP
ANSI 250 FF	17.2 BARG (250 psig) @ 38°C	0°C - 120°C	ANSI 300 RF	51 BARG (740 psig) @ 38°C	0°C - 200°C	ANSI 300 RF	49.6 BARG (740 psig) @ 38°C	0°C - 200°C

All Baskets and Mesh Inserts Stainless Steel AISI 316

Bridge on SS filter is Cast Steel – (Non Contact Part)

DIMENSIONS

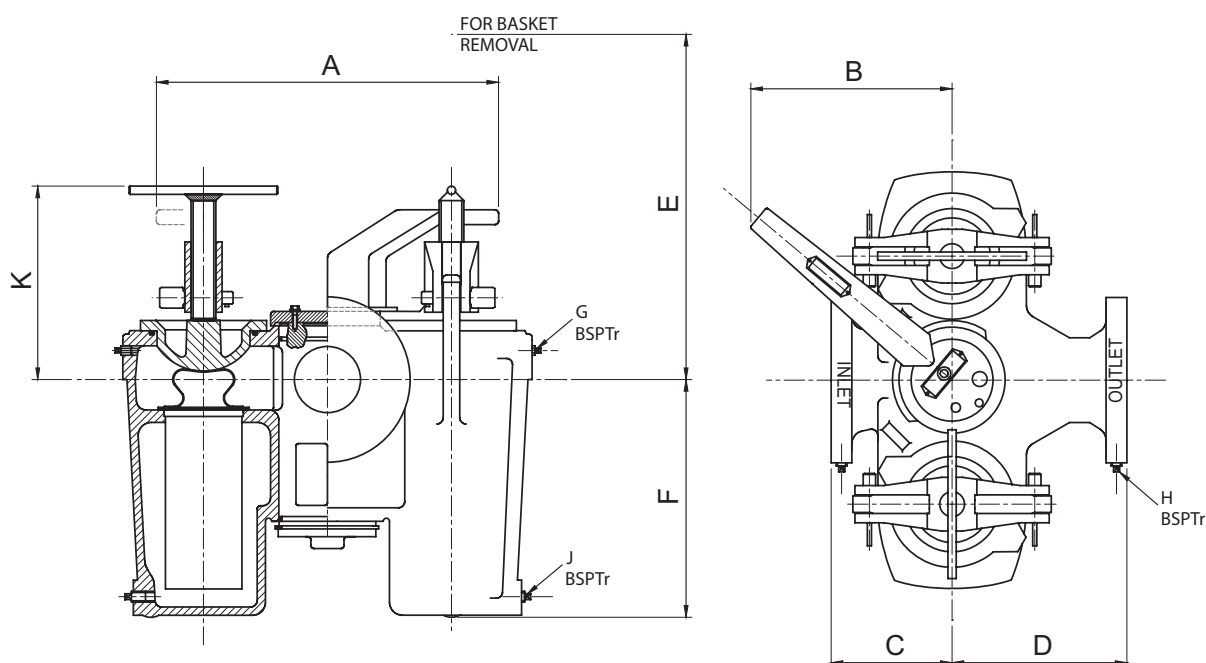
Size		Model No.	A	B	C	D	E	F	G	H	J	K	Weight	
in	mm		mm	mm	mm	mm	mm	mm	BSPT	BSPT	BSPT	mm	lb	kg
1 SCR*	25	1-DA	338	229	99	86	205	106	1/8"	1/4"	1/4"	133	51	23
1½ SCR*	40	1.5-DA	338	229	102	108	223	157	1/8"	1/4"	1/4"	140	84	38
1	25	1-DA	338	229	108	111	205	106	1/8"	1/4"	1/4"	133	51	23
1½	40	1.5-DA	338	229	108	121	223	157	1/8"	1/4"	1/4"	140	84	38
2	50	2-DA	327	219	130	149	274	179	1/4"	1/4"	1/2"	195	119	54
3	80	3-DA	454	305	183	233	333	286	1/4"	1/4"	1/2"	268	231	105
4	100	4-DA	643	432	186	268	399	370	1/4"	1/4"	1/2"	268	447	205

* Screwed Version in Cast Iron only – Available with BSPF or NTPF parallel threads

Bosses G & H drilled and tapped only if specified for sizes 50 mm and below.

Dimension 'A' illustrates the maximum width of a valve lever swung across the filter body (where applicable).

A system of lubricating ducts is incorporated in the changeover (parallel plug) valve. This ensures that the valve is sealed against leakage and provides an inert barrier, which protects metal surfaces and reduces corrosion. The valve is sealed top and bottom by 'O' rings. The lubricant is supplied in stick form and is applied through a screw on top of the valve.



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