

Specifications

- Stainless Steel Mesh 125µ
- Temperature to 120°C (+250°F)
- Epoxy Bonded for Compatibility with most Petroleum & Mineral Based Fluids.
- Aluminum Threaded End Cap, other Components Steel Zinc Plated

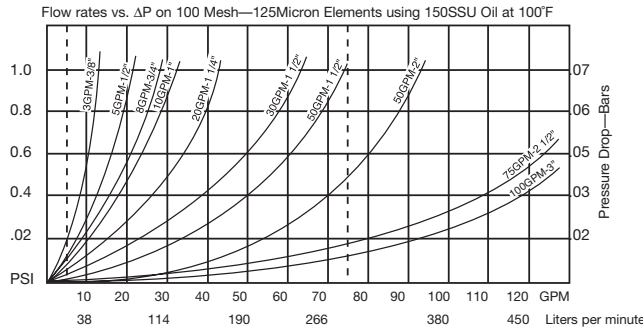
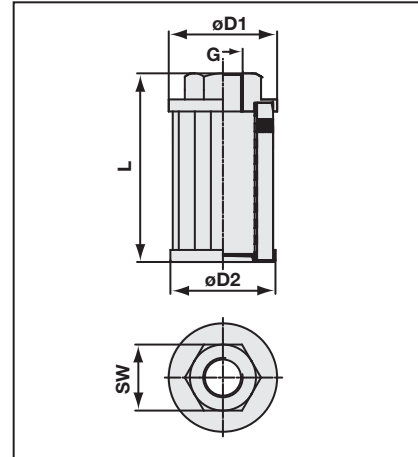
Options

- No By-pass or 0.2 bar (3 PSI) By-pass Available
- Custom Sizes on Request
- Custom Mesh on Request (60µ or 250µ)
- Available in BSP on Request

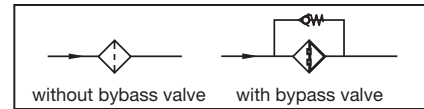


Technical Information

Dimensions



Hydraulic Symbol



Dimensions / Ordering Information

Group Size			Port (G)						Diameter						Wt. (lb.)	
Upper End Diameter	Thread Code	Element Length	(NPT)	gpm	l/min	in ²	cm ²	mm	in	mm	in	mm	in	mm		in
050	- N06F	- 090	3/8"	3	11	20	130	90	3.5	50	2.0	49	1.9	26	1.0	0.3
050	- N08F	- 105	1/2"	5	19	25	161	105	4.1	50	2.0	49	1.9	26	1.0	0.4
068	- N12F	- 105	3/4"	8	31	62	400	105	4.1	68	2.7	66	2.6	34	1.3	0.5
068	- N16F	- 140	1"	10	38	110	710	139	5.5	68	2.7	66	2.6	42	1.7	0.7
088	- N20F	- 195	1 1/4"	20	88	162	1050	195	7.7	88	3.5	85	3.3	60	2.4	1.0
088	- N24F	- 226	1 1/2"	30	120	225	1450	226	8.9	88	3.5	85	3.3	60	2.4	1.2
088	- N24F	- 260	1 1/2"	50	198	340	2190	260	10.0	88	3.5	85	3.3	60	2.4	1.4
088	- N32F	- 260	2"	50	198	340	2190	260	10.0	88	3.5	85	3.3	70	2.8	1.8
150	- N40F	- 213	2 1/2"	75	283	400	2580	213	8.4	150	5.9	145	5.7	90	3.5	2.3
150	- N48F	- 272	3"	100	379	500	3230	272	10.7	150	5.9	145	5.7	100	3.5	3.0

Ordering Code

SUS - A - 088 - N24F - 226 - 125 - 0

Type
SUS Suction Strainer

Material Threaded End Cap
A Aluminium (only for NPT thread, see table)

Group Size
see table above, column group size

Bypass Option
0 without bypass (standard)
3 integrated bypass valve (0,2 bar / 3 PSI)

Micron Rating
060 60 µm (on request)
125 125 µm (standard)
250 250 µm (on request)

ACCESSORIES

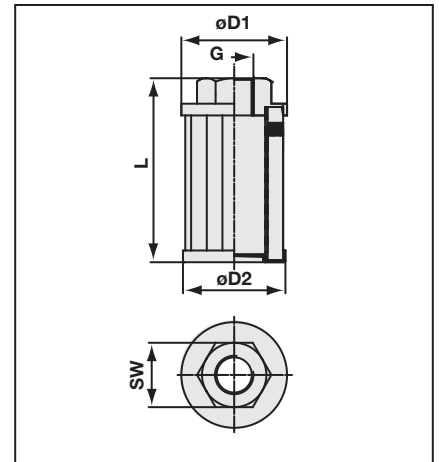
Specifications

- Stainless Steel Mesh 125 μ
- Temperature to 120°C (+250°F)
- Epoxy Bonded for Compatibility with most Petroleum & Mineral Based Fluids.
- Plastic Threaded End Cap made out of Glass Fiber Reinforced Polyamide. Other Components Steel Zinc Plated



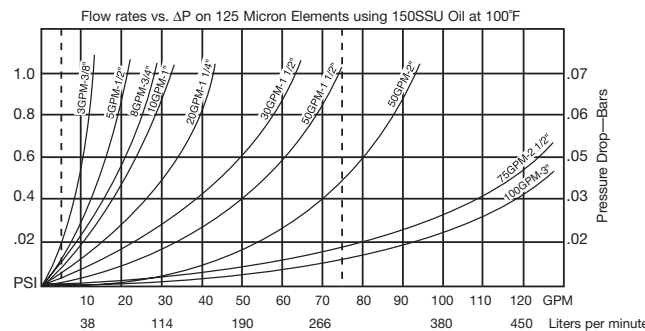
Technical Information

Dimensions

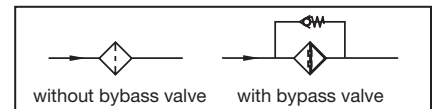


Options

- No By-pass or 0.2 bar (3 PSI) By-pass Available
- Custom Sizes on Request
- Custom Stainless Mesh on Request (60 μ , on 250 μ)
- Available in BSP on Request



Hydraulic Symbol



Dimensions / Ordering Information

Group Size			Port (G)						Diameter							
Upper End Diameter	Thread Code	Element Length	(NPT)	gpm	l/min	in ²	cm ²	mm	in	mm	in	mm	in	mm	in	Wt. (lb.)
050	N06F	090	3/8"	3	11	20	130	90	3.5	50	1.9	49	1.9	26	1.0	0.3
050	N08F	105	1/2"	5	19	25	161	105	4.1	50	1.9	49	1.9	26	1.0	0.4
068	N12F	105	3/4"	8	31	62	400	105	4.3	68	2.6	66	2.6	34	1.3	0.5
068	N16F	140	1"	10	38	110	710	140	5.5	68	2.6	66	2.6	42	1.7	0.7
088	N20F	140	1 1/4"	20	88	105	1050	140	5.5	88	3.5	85	3.3	60	2.4	1.0
088	N24F	140	1 1/2"	30	120	225	1450	140	5.5	88	3.5	85	3.3	60	2.4	1.2
102	N24F	200	1 1/2"	50	198	340	2190	200	7.9	102	3.9	100	3.9	72	2.8	1.4
102	N32F	260	2"	50	198	340	2190	260	10.2	102	3.9	100	3.9	72	2.8	1.8
131	N40F	212	2 1/2"	75	283	400	2580	212	8.4	131	5.1	128	5.0	86	3.4	2.3
131	N48F	272	3"	100	379	500	3230	272	10.7	131	5.1	128	5.0	96	3.8	3.0

Ordering Code

SUS - P - 088 - N24F - 140 - 125 - 0

Type	SUS Suction Strainer
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Material Threaded End Cap	P Polyamide (only for NPT thread, see table)
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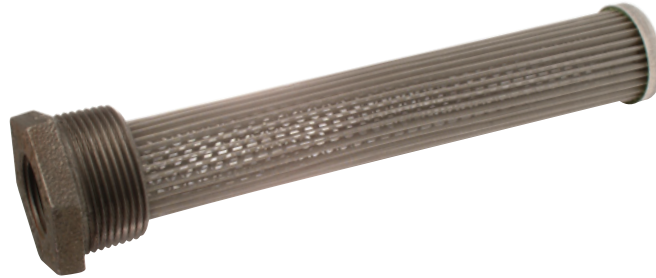
Group Size	see table above, column group size
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Bypass Option	0 without bypass (standard) 3 integrated bypass valve (0,2 bar / 3 PSI)
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Micron Rating	060 60 μ m (on request) 125 125 μ m (standard) 250 250 μ m (on request)
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Specifications

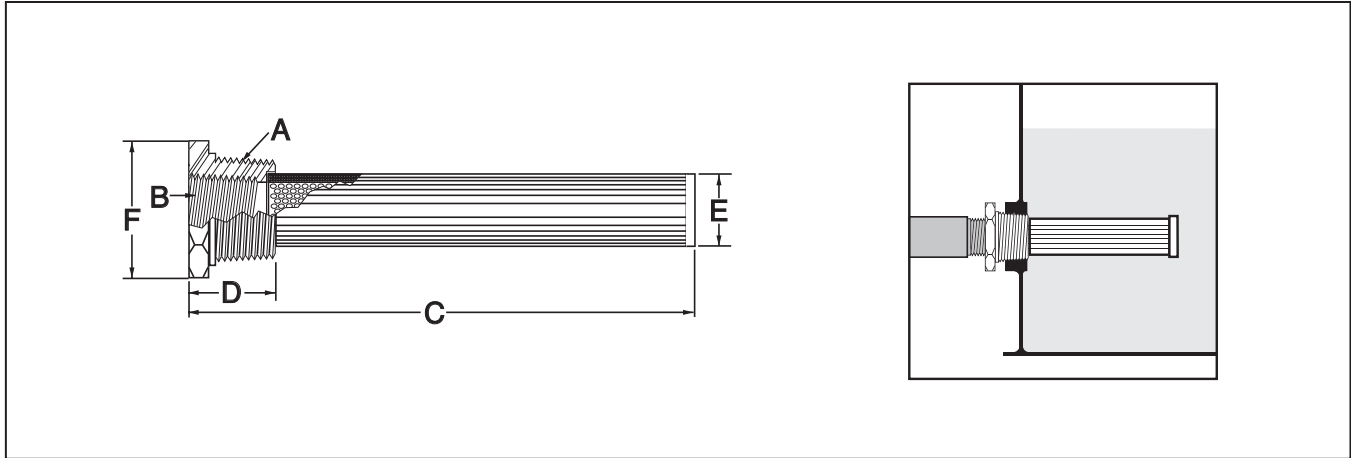
- Stainless Steel Mesh 125 Micron
- Cast Iron Bushing
- Epoxy Bonded for Compatibility with most Petroleum & Mineral Based Fluids
- Perforated Steel Inner Supports
- Temperature to 120°C (250°F)



Options

- No By-Pass or 0.35 bar (5 PSI) By-Pass
- Custom Screens Available upon Request
- Custom Adaptors Available upon Request

Dimensions / Mounting Information



Ordering Information

Part No.	Flowrate		NPT Sizes		C		D		Hex F		E		Screen Area	
	gpm	lpm	A	B	mm	in	mm	in	mm	in	mm	in	cm ²	in ²
TMF-03-0	5	19	3/4"	1/2"	102	4.0	25	1.0	27	1.1	22	.87	258	40
TMF-05-0	5	19	1"	1/2"	135	5.3	27	1.1	41	1.6	29	1.2	258	40
TMF-10-0	10	38	1 1/4"	3/4"	207	8.2	30	1.2	46	1.8	34	1.4	432	67
TMF-15-0	15	57	1 1/2"	1"	208	8.2	31	1.2	55	2.2	42	1.7	554	86
TMF-25-0	25	95	2"	1 1/4"	230	9.0	35	1.4	65	2.6	54	2.1	1025	159
TMF-50-0	50	189	3"	2"	246	9.7	44	1.7	84	3.3	76	3.0	1625	252
TMF-100-0	100	378	4"	3"	287	11.3	46	1.8	120	4.8	101	4.0	2032	315

By-Pass Option

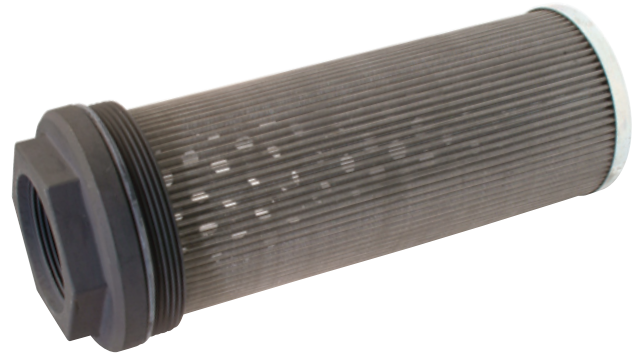
Part No.	Flowrate		NPT Sizes		C		D		Hex F		E		Screen Area	
	gpm	lpm	A	B	mm	in	mm	in	mm	in	mm	in	cm ²	in ²
TMF-03-5	5	19	3/4"	1/2"	102	4.0	25	1.0	27	1.1	22	.87	258	40
TMF-05-5	5	19	1"	1/2"	135	5.3	27	1.1	41	1.6	29	1.2	258	40
TMF-10-5	10	38	1 1/4"	3/4"	207	8.2	30	1.2	46	1.8	34	1.4	432	67
TMF-15-5	15	57	1 1/2"	1"	208	8.2	31	1.2	55	2.2	42	1.7	554	86
TMF-25-5	25	95	2"	1 1/4"	230	9.0	35	1.4	65	2.6	54	2.1	1025	159
TMF-50-5	50	189	3"	2"	246	9.7	44	1.7	84	3.3	76	3.0	1625	252
TMF-100-5	100	378	4"	3"	287	11.3	46	1.8	120	4.8	101	4.0	2032	315

Specifications

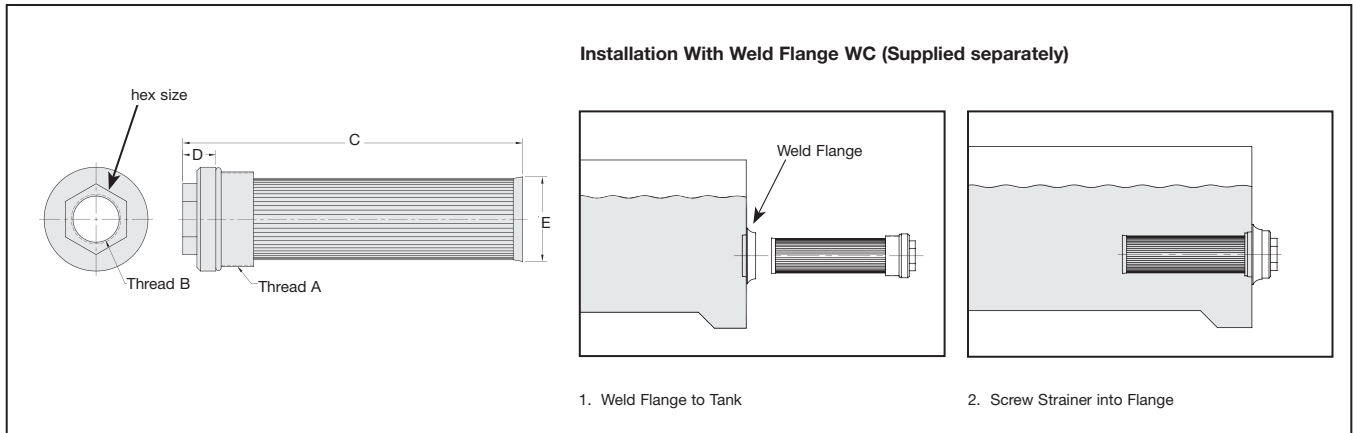
- SAE O-Ring Threads for Leak-Free Installation
- Buna O-Ring Standard
- 125 Micron Stainless Wire Screen
- Flow Rates to 40 gpm
- Temperature to 100° (212°F)

Options

- 0.35 bar (5 PSI) By-Pass
- Weld Flange Available (WC Series - Page A7)
- Consult Factory for Special Screens and Threads



Dimensions



Ordering Information

Part No. Non-Bypass	Part No. Bypass	Thread (Per SAE J514)		C		D		E		Hex Size		Flow		Area	
		A	B	mm	in	mm	in	mm	in	mm	in	lpm	gpm	cm ²	sq. in
TMF-1625-0-0	TMF-1625-0-5	2 ¹ / ₂ "-12	1 ⁵ / ₁₆ "-12	229	9.0	19	0.75	58	2.3	54	2.1	34	9	580	90
TMF-2025-0-0	TMF-2025-0-5	2 ¹ / ₂ "-12	1 ⁵ / ₈ "-12	229	9.0	19	0.75	58	2.3	54	2.1	53	14	580	90
TMF-1834-0-0	TMF-1834-0-5	3 ³ / ₈ "-12	1 ⁷ / ₈ "-12	224	8.8	23	0.9	80	3.1	64	2.5	80	21	1484	230
TMF-2534-0-0	TMF-2534-0-5	3 ³ / ₈ "-12	2 ¹ / ₂ "-12	236	9.3	25	1.0	80	3.1	76	3.0	148	39	1484	230

Specifications

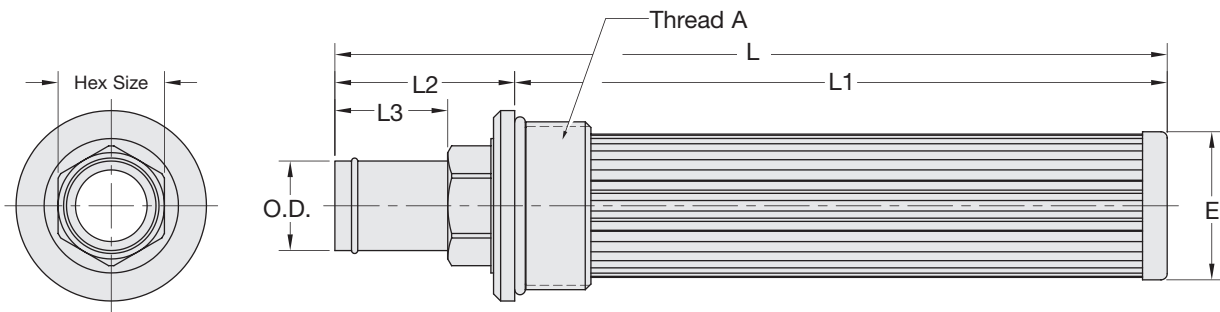
- Hose Barb to O-Ring Installation
- SAE O-Ring Thread for Leak-Free Installation
- Buna O-Ring
- 125 Micron Stainless Wire Screen
- Temperature to 100°C (212°F)



Options

- 0.35 bar (5 PSI) Bypass
- Viton O-Ring
- Weld Flange Available (see WC Series - Page A7)
- Consult Factory for Special Screens and Threads

Dimensions



Ordering Information

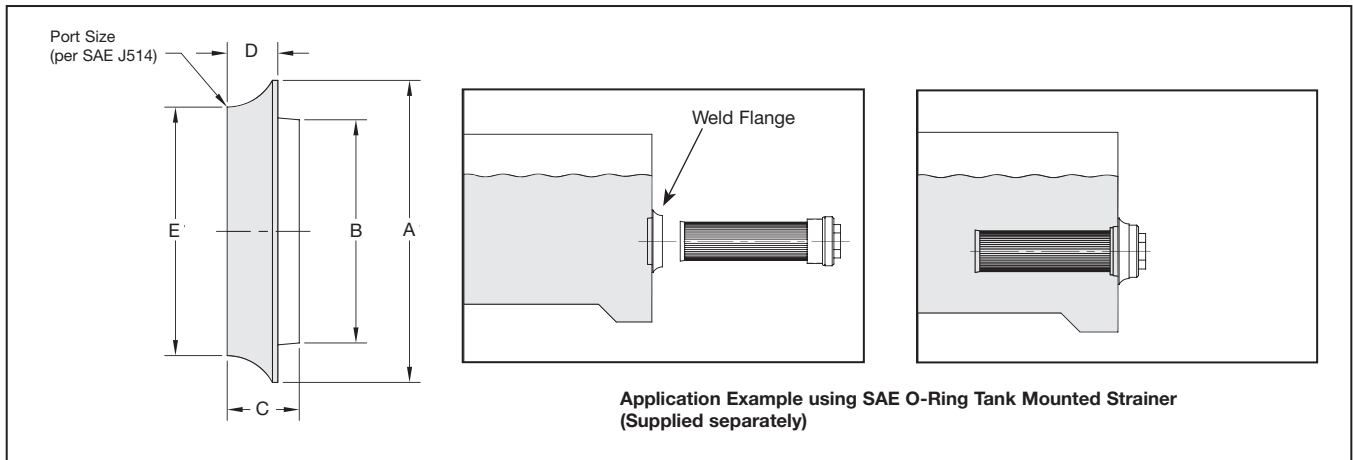
Part No. Non-Bypass	Part No. Bypass	Thread	O. D.		L		L1		L2		L3		E		Hex Size	
		Size A	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
TMF-1017HB-0-0	TMF-1017HB-0-5	1 7/8"-12	25	1.0	236	9.3	185	7.3	51	2.0	32	1.25	42	1.6	32	1.25
TMF-1225HB-0-0	TMF-1225HB-0-5	2 1/2"-12	32	1.25	254	10.0	203	8.0	51	2.0	32	1.25	54	2.1	38	1.5
TMF-1234HB-0-0	TMF-1234HB-0-5	3 3/8"-12	32	1.25	261	10.3	198	7.8	64	2.5	38	1.5	82	3.2	51	2.0
TMF-1534HB-0-0	TMF-1534HB-0-5	3 3/8"-12	38	1.5	261	10.3	198	7.8	64	2.5	38	1.5	82	3.2	51	2.0
TMF-2034HB-0-0	TMF-2034HB-0-5	3 3/8"-12	51	2.0	274	10.8	199	7.8	76	3.0	51	2.0	82	3.2	63	2.5

Specifications

- Forged Steel
- Designed for Minimum Weld Distortion
- Pilot Minimizes Installation Setup



Dimensions



Ordering Information

Part No.	Port Size	A		B		C		D		E	
		mm	in	mm	in	mm	in	mm	in	mm	in
WC-1017	1 7/8"-12	76	3.0	57	2.3	19	0.8	13	0.5	60	2.4
WC-1225	2 1/2"-12	89	3.5	52	2.0	21	0.8	15	0.6	73	2.9
WC-1634	3 3/8"-12	118	4.6	93	3.7	25	1.0	21	0.8	100	3.9