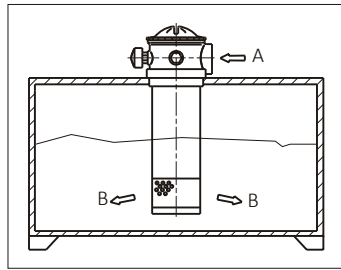


MMFRFA Tank Top Mounted Return Series



Technical specification

Application:	Manifold mounting high pressure filter
Port size:	BSP + Flanged
Flow rate:	max. 1000 l/min
Working pressure:	max. 16 bar
Burst pressure:	min. 48 bar
Element collapse pressure:	10 bar
By-pass opening pressure:	Δp 4 bar + 10%
Clogging indicator setting:	Δp 3 bar $\pm$ 10%
Seals:	Perbunan (NBR, -10°C to 100°C)
Material:	Aluminium head & bowl
Compatibility:	Suitable for mineral oils, lubrication oils, non-flam fluids, synthetic and rapidly biodegradable oils (for use with water, please contact our technical dept.)
Tested according to ISO standards:	ISO2941 Collapse/burst resistance ISO2942 Fabrication integrity ISO2943 Material compatibility integrity ISO3723 Method for end load test ISO3724 Flow fatigue characteristics ISO3968 Pressure drop vs. Flow ISO16889 Multi-pass (filtration performance)

Technical specification subject to change without prior notice. Other specification on request 013/07/23

FILTER SELECTOR

Select your filter requirements here.

Tank Top Mounted Return Filter

WG: Water Glycol

HO: Hydraulic Oil

Flow rate (25, 40, 63, 100, 160, 250, 400, 630, 800 or 1000 l/min)

Filtration rating (3, 6, 12 or 20 μ)

F: Flanged connection

T: Threaded connection

0: without indicator

1: with CYB-I indicator $\leq$ DC24V

2: with CY-II indicator $\leq$ 220V

Unsure? Contact us.

Filter element

MMERFA ☐ ☐

MMFRFA

HO

250

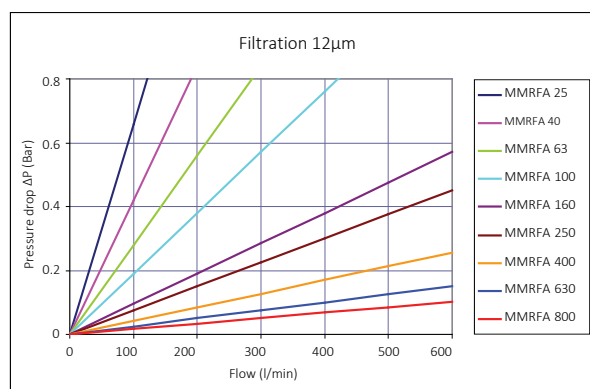
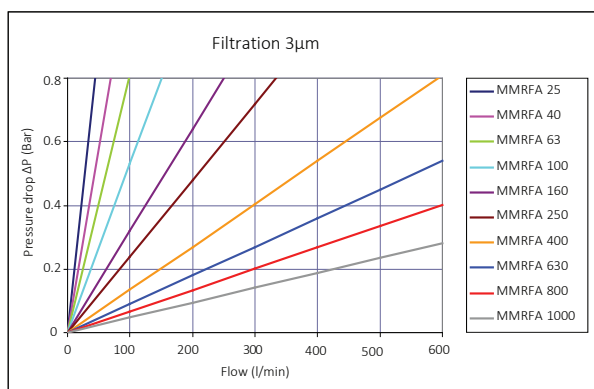
20

T

1

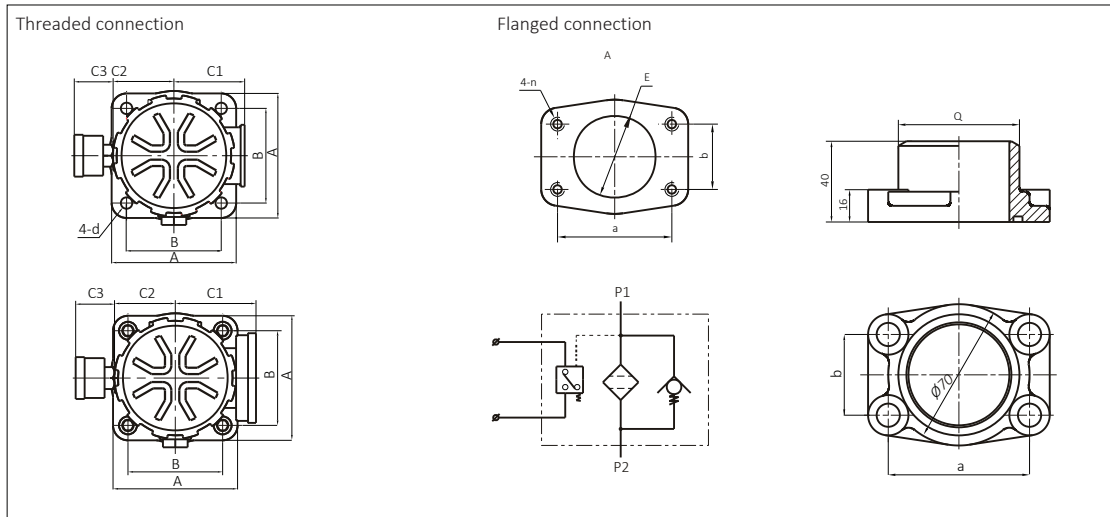
Technical data

Model	Flow rate (L/min)	Filtration rating (μ)	Dia. (mm)	Pressure (Bar)	Initial Δ (MPa)	Max. Δ (MPa)	Indicator P		Weight (Kg)	Model of element
MMFRFA - 25	25	3	15	16	$\leq$ 0.075	0.35	12	2.5	0.85	MMERFA-25 + μ
MMFRFA - 40	40		20						0.9	MMERFA-40 + μ
MMFRFA - 63	63		25						1.5	MMERFA-63 + μ
MMFRFA - 100	100	6	32				24	2	1.7	MMERFA-100 + μ
MMFRFA - 160	160		40						2.7	MMERFA-160 + μ
MMFRFA - 250	250	12	50				36	1.5	4.35	MMERFA-250 + μ
MMFRFA - 400	400		65						6.15	MMERFA-400 + μ
MMFRFA - 630	630		90				220	0.25	8.2	MMERFA-630 + μ
MMFRFA - 800	800		90						8.9	MMERFA-800 + μ
MMFRFA - 1000	1000	20	90						9.96	MMERFA-1000 + μ



Technical specification subject to change without prior notice. Other specification on request. 2013/07

MMFRFA Return Line Filter



	Size (mm)													
Model	L1	L2	L3	H	D	M	m	A	B	C1	C2	C3	d	h
MMFRFA-25 T	127	74	45	25	Ø75	M22 x 1.5	M18 x 1.5	90	70	53	45	39	Ø9	10
MMFRFA-40 T	158	74	45	25	Ø75	M27 x 2	M18 x 1.5	90	70	53	45	39	Ø9	10
MMFRFA-63 T	185	93	60	33	Ø95	M33 x 2	M18 x 1.5	110	85	60	53	39	Ø9	12
MMFRFA-100 T	245	93	60	33	Ø95	M42 x 2	M18 x 1.5	110	85	60	53	39	Ø9	12
MMFRFA-160 T	322	108	80	40	Ø110	M48 x 2	M18 x 1.5	125	95	71	61	39	Ø13	15

Model	Size (mm)																	
	L1	L2	L3	H	D	E	m	a	b	n	A	B	C1	C2	C3	d	Q	H
MMFRFA-250 F	422	108	-	-	Ø110	Ø50	M18 x 1.5	70	40	M10	125	95	81	61	39	Ø13	60	9
MMFRFA-400 F	467	135	-	-	Ø130	Ø65	M18 x 1.5	90	50	M10	140	110	90	68	39	Ø13	73	9
MMFRFA-630 F	494	175	118	70	Ø160	Ø90	M18 x 1.5	120	70	M10	170	140	110	85	39	Ø13	Ø2	18
MMFRFA-800 F	606	175	118	70	Ø160	Ø90	M18 x 1.5	120	70	M10	170	140	110	85	39	Ø13	Ø2	18
MMFRFA-1000 F	786	175	118	70	Ø160	Ø90	M18 x 1.5	120	70	M10	170	140	110	85	39	Ø13	Ø2	18

Notes

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on its right side, suggesting it's resting on a surface.