

MMFDF Modular Pressure Series



Technical specification

Application:	Inline modular stacking pressure filter
Port size:	Manifold sandwich mounting
Flow rate:	max. 110 LPM
Working pressure:	max. 320 Bar
Element collapse pressure:	21 Bar
Bypass opens:	Δp 7 Bar
Seals:	Perbunan
Material:	Machined head + body
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.

Filter element

MMEDF

MMFDF

BH

320

30

20

1

Pressure line filter

BH: Water-glycol
HO: Hydraulic Oil

Pressure class 320 Bar

Flow rate (30, 60 or 110 l/min)

Filtration accuracy (3, 6, 12 or 20µ)

0: Without indicator
1: With CS-IIIC indicator
2: With CM-I indicator

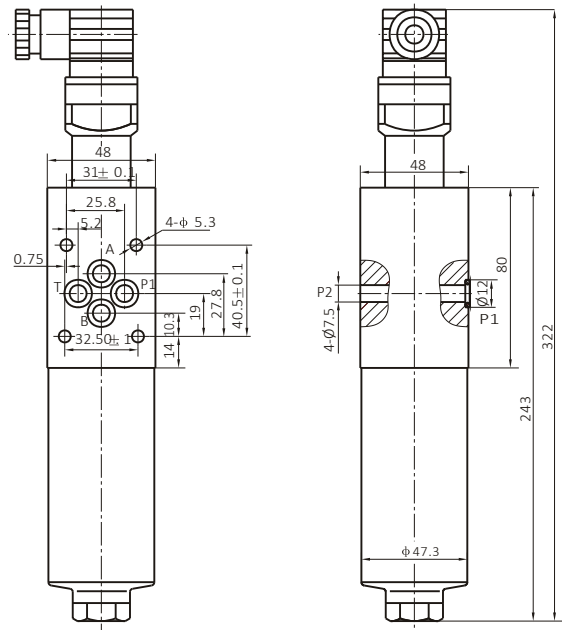
Unsure? Contact us.

Technical data

Model	Dia. (mm)	Flow (L/min)	Filtration rating (µm)	Pressure (Bar)	Pressure loss (MPa)		Indicator power (Volts/Watts)	Model of element
MMFDF-H30	6	30	3	320	≤ 0.1	0.5	24V/48W	MMEDF-30 + µ
MMFDF-H60	10	60	6					MMEDF-60 + µ
MMFDF-H110		110	12				220V/50W	MMEDF-110 + µ

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MMFDF Manifold Mounting Filter



Technical drawing of the DP 1100/110 pump assembly, showing front and side views with dimensions and labels.

Front View (Left):

- Overall width: 12
- Top flange diameter: 46
- Flange thickness: 32.5
- Distance from top flange to center of port P1: 21.4
- Port P1 diameter: 6.3
- Port P2 diameter: 4- ϕ 6.6
- Port P1 center-to-center distance: 6.3
- Port P2 center-to-center distance: 3.2
- Port P1 to bottom flange distance: 16.7
- Port P2 to bottom flange distance: 27
- Bottom flange diameter: 50.8
- Bottom flange thickness: 18
- Overall height: 54

Side View (Right):

- Top flange diameter: 70X70
- Port P1 diameter: ϕ 16
- Port P1 center-to-center distance: 94
- Port P2 diameter: 4- ϕ 10.5
- Port P2 center-to-center distance: 94
- Bottom flange diameter: ϕ 69.3
- Overall height: 329 (60L/min) / 225 (110L/min)



MICRO-MESH
FILTRATION

Notes

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