



Tank mounted return line filters

These filters are specifically designed to be directly connected on the hydraulic circuits return line and provide versatility to safeguard the circuit components from contaminating particles.



HF 502 series

- ▶ Operating pressure 8 bar ▪ 115 psi
- ▶ Interchangeable with major manufacturers
- ▶ Filler cap



HF 547 series

- ▶ Air breather (available also with pressurized version)
- ▶ Antisplash system
- ▶ Anodized housing
- ▶ Flange with four holes (only HF 547-20)



HF 508 series

- Flow up to 1000 lpm ▪ 264 US gpm
- Double inlet port
- Extension on the oil way out of the pipe union
- Fluid-decelerating diffuser



HF 570-575-578 series

- ▶ Inside-to-outside flow direction
- ▶ Magnetic pre-filtration
- ▶ Filler cap
- ▶ Interchangeable with major manufacturers



HF 554 series

- Air breather (available also with pressurized version)
- Antisplash system
- Anodized housing

Main characteristics

| Type | Nominal flow up to | | Operating pressure | | Degree of filtration* | | | | |
|---------------|--------------------|---------|--------------------|-------|-----------------------|---------|-----------|---------|---------|
| | l/min | US gpm | bar | psi | FG (µm) | MS (µm) | MI (µm) | SP (µm) | RP (µm) |
| HF 502 | 630 | ▪ 166.5 | 8 | ▪ 115 | 3-6-10-25 | 90 | 25-60-125 | 10-25 | 10-25 |
| HF 508 | 1000 | ▪ 264 | 8 | ▪ 115 | 3-6-10-25 | 90 | 25-60-125 | 10-25 | 10-25 |
| HF 547 | 200 | ▪ 53 | 8 | ▪ 115 | 3-6-10-25 | 90 | 25-60-125 | 10-25 | 10-25 |
| HF 554 | 630 | ▪ 166.5 | 8 | ▪ 115 | 3-6-10-25 | 90 | 25-60-125 | 10-25 | 10-25 |
| HF 570 | 600 | ▪ 158 | 8 | ▪ 115 | 10-25 | | | 10-25 | |
| HF 575 | 1200 | ▪ 317 | 8 | ▪ 115 | 10-25 | | | 10-25 | |
| HF 578 | 1200 | ▪ 317 | 8 | ▪ 115 | 10-25 | | 60-125 | 10-25 | |

NOTES

(*): FG = micro-fibre glass / MS = zinc plated steel wire mesh / MI = stainless steel wire mesh / SP = cellulose / RP = reinforced cellulose