

Universal Hydraulics International, Ltd
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UMF

Series High pressure Spin On Filter

Technical Specifications

Medium pressure filter

Port size: SAE 12

Flow rate: max. 140 l/min (36 gpm)

Working pressure: max. 35 bar

Burst pressure: 70 bar (1000 psi)

Element collapse pressure: 10bar (145 psi)

By-pass opening pressure: Δp 1.7 bar \pm 10% or 3.5 bar \pm 10%

Seals: FKM or NBR (-10°C to 100°C)

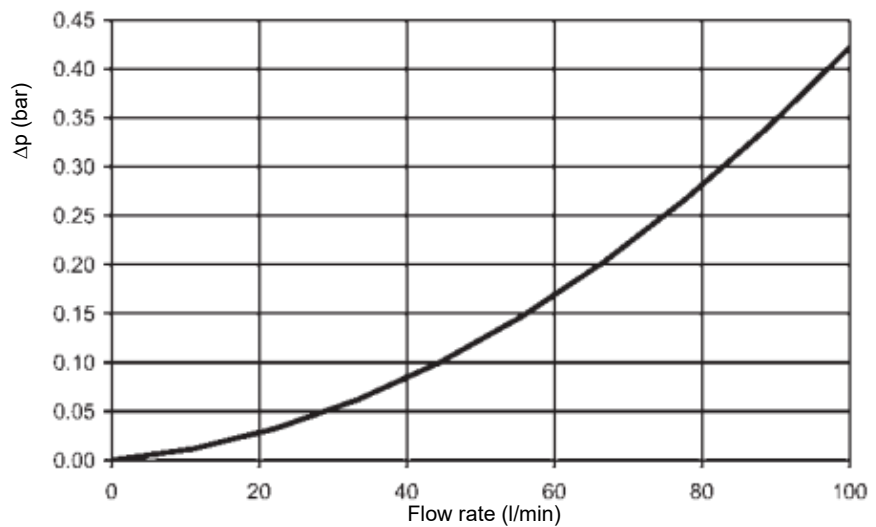
Material: Aluminum head, Steel bowl

Compatibility: Suitable for mineral oils, lubrication oils, non-flam fluids, synthetic and rapidly biodegradable oils

Pressure drop graphs (Δp)

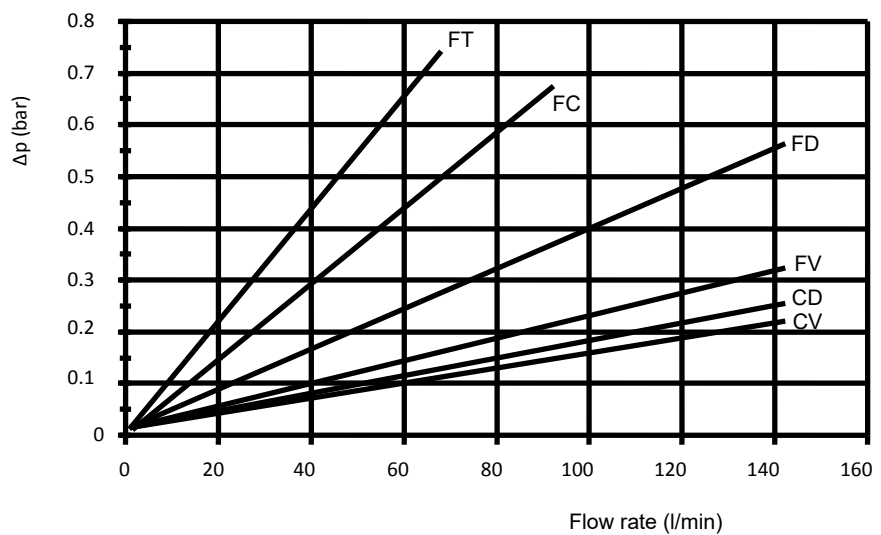
Pressure drop for filter head (mainly depending on port size)

UMF15X Head

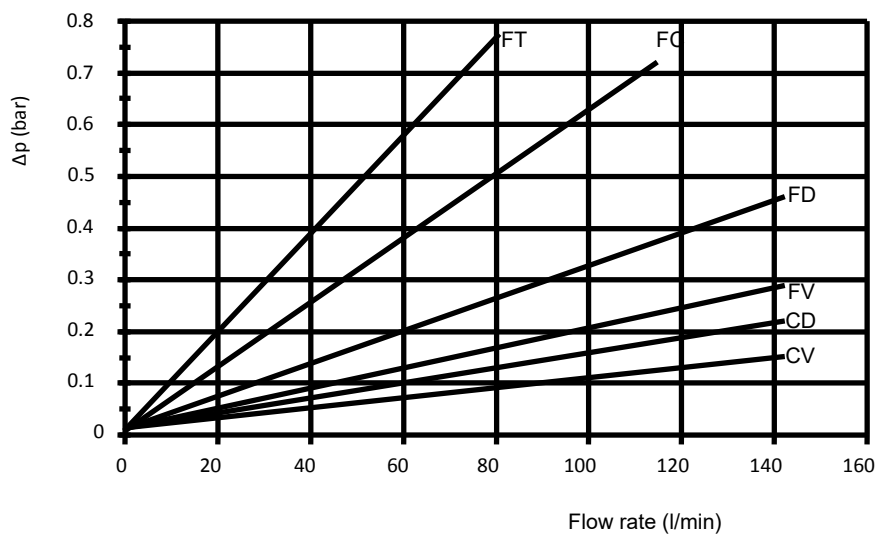


Pressure drop for clean filter elements (by filter media)

UMF151 and UMF152



UMF153 and UMF154

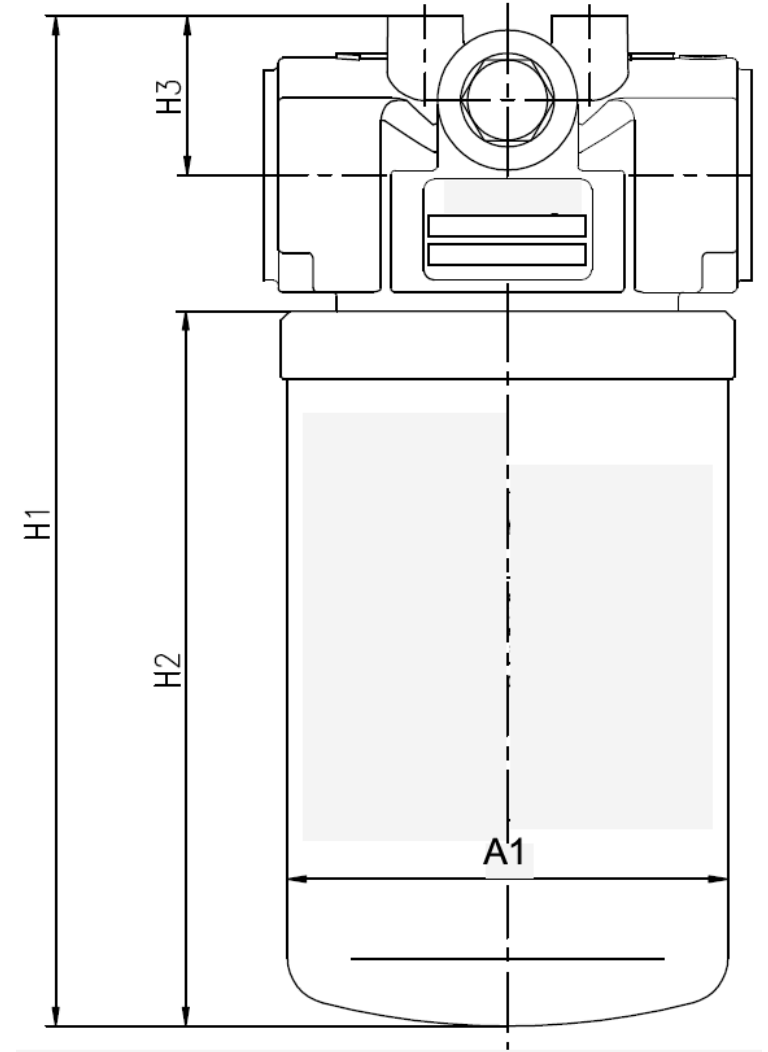


The test fluid has a density of 0.86 kg/dm³ and a kinematic viscosity of 30 mm²/s.



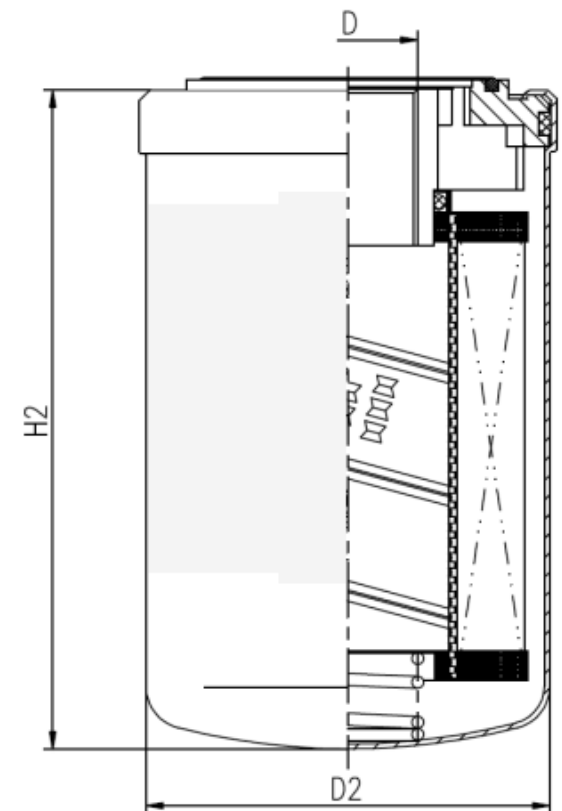
Filter Demesions

Type	A1	H1	H2	H3	F	Ports
HMF 151A	94	219	155	34	24	NPT3/4-NPT1 SAE12-SAE-16
HMF 152A		246	182			
HMF 153A		292	228			
HMF 154A		304	240			

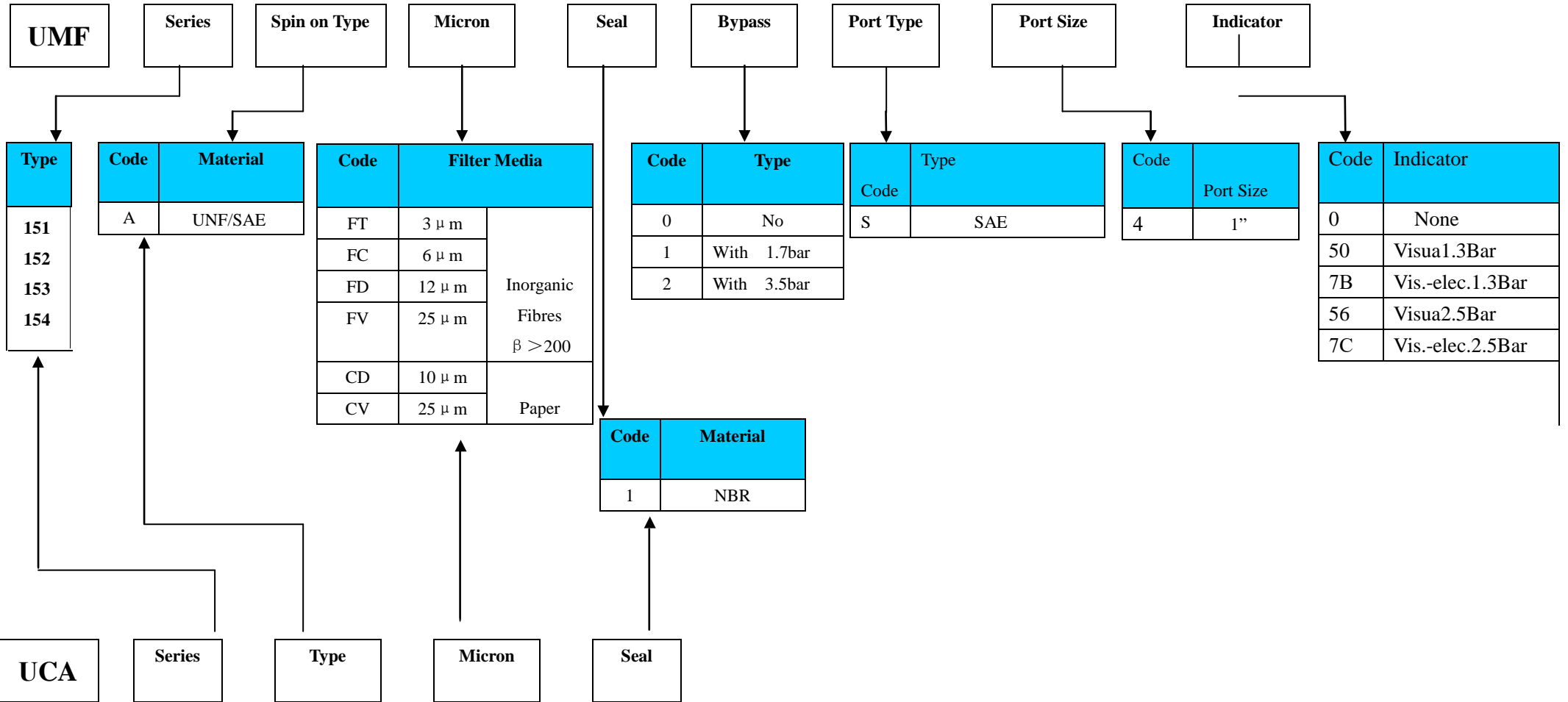


Element Demensions

Type	D2	D	H2
UMF151A	94	1 3/8" UNF 2B	155
UMF152A			182
UMF153A			228
UMF154A			240



Complete Filter Order Code



Element Only Order Code