

Alps series filters

MODEL

AF40

| | | | |
|------------------------|-------------------|------------|---|
| Filter capacity | l/min | 667 | Flow rates at 7 bar and 20°C QF - Dust Filtration PF - General purpose Protection Filtration HF - High Efficiency Oil Removal Filtration CF - Activated Carbon Filtration |
| | m ³ /h | 40 | |
| Working pressure | bar | 7 (17 max) | |
| Air connections | IN/OUT | ½" BSP | |
| Net weight | Kg | 0,6 | |
| Standard type of drain | None | | |

| Filtration grade | | QF | PF | HF | CF |
|--|-------------------|---------------|-----------------------------|-----------------------------|-------------------------|
| Complete filter code | | 04A.0040AQG03 | 04A.0040APG03 | 04A.0040AHG03 | 04A.0040ACG03 |
| Filter element code | | 04E.0040AQ | 04E.0040AP | 04E.0040AH | 04E.0040AC |
| Physical filtration process | | Interception | Interception+coal escing | Interception+coal escing | Adsorption |
| Max solid dimension intercepted (ISO 8573-1) | µm | 1 µ | 0,1 µ | 0,01 µ | // |
| Max solid dimension intercepted (ISO 8573-1) | Class | 3 | 2 | 1 | // |
| Remaining oil content after filtration (ISO 12500-1) | mg/m ³ | // | 0,1 mg/m ³ | 0,01 mg/m ³ | 0,003 mg/m ³ |
| Remaining oil content after filtration (ISO 12500-1) | Class | // | 2 | 1 | // |
| Max temperature | °C | 100 | 100 | 100 | 60 |
| Pressure drop with new element | bar | 0,027 | 0,03 | 0,03 | 0,021 |
| Pressure drop with saturated elements | bar | 0,1 | 0,1 | 0,1 | 0,1 |
| Element replacement time | hours | 4000 h | 4000 h | 4000 h | 1000 h |
| Element replacement time | months | 6 | 6 | 6 | 3 |

| | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|
| Line pressure [bar] | 1 | 2 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 |
| Correction factor | 0,38 | 0,53 | 0,65 | 0,85 | 1,00 | 1,13 | 1,25 | 1,36 | 1,46 | 1,56 |

