

## Alps series filters

### MODEL

### AF260

|                        |            |            |                                                                                                                                                                                           |
|------------------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Filter capacity        | l/min      | 4333       | Flow rates at 7 bar and 20°C<br><br>QF - Dust Filtration<br>PF - General purpose Protection Filtration<br>HF - High Efficiency Oil Removal Filtration<br>CF - Activated Carbon Filtration |
|                        | m³/h       | 260        |                                                                                                                                                                                           |
| Working pressure       | bar        | 7 (17 max) |                                                                                                                                                                                           |
| Air connections        | IN/OUT     | 1" BSP     |                                                                                                                                                                                           |
| Net weight             | Kg         | 2,1        |                                                                                                                                                                                           |
| Standard type of drain | Ball valve |            |                                                                                                                                                                                           |

| Filtration grade                                    |        | QF            | PF                        | HF                        | CF            |
|-----------------------------------------------------|--------|---------------|---------------------------|---------------------------|---------------|
| Complete filter code                                |        | 04A.0260AQG03 | 04A.0260APG03             | 04A.0260AHG03             | 04A.0260ACG03 |
| Filter element code                                 |        | 04E.0260AQ    | 04E.0260AP                | 04E.0260AH                | 04E.0260AC    |
| Physical filtration process                         |        | Interception  | Interception + coalescing | Interception + coalescing | 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 8573-1) | mg/m³  | //            | 0,1 mg/m³                 | 0,01 mg/m³                | 0,003 mg/m³   |
| Remaining oil content after filtration (ISO 8573-1) | Class  | //            | 2                         | 1                         | //            |
| Max temperature                                     | °C     | 100           | 100                       | 100                       | 60            |
| Pressure drop with new element                      | bar    | 0,045         | 0,05                      | 0,05                      | 0,035         |
| Pressure drop with saturated elements               | bar    | 0,11          | 0,11                      | 0,11                      | 0,11          |
| 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 |

