

## High Temperature Filters

### MODEL

### AF HT 40

|                        |            |            |                              |
|------------------------|------------|------------|------------------------------|
| Filter capacity        | l/min      | 667        | Flow rates at 7 bar and 20°C |
|                        | m³/h       | 40         |                              |
| Working pressure       | bar        | 7 (16 max) |                              |
| Air connections        | IN/OUT     | ½" BSP     |                              |
| Net weight             | Kg         | 0,6        |                              |
| Standard type of drain | Ball valve |            |                              |

QF - Dust Filtration  
 PF - General purpose Protection Filtration  
 HF - High Efficiency Oil Removal Filtration

| Filtration grade                                    |        | QF            | PF                        | HF                        |
|---|--------|---------------|---------------------------|---------------------------|
| Complete filter code                                |        | 04D.0040CQG00 | 04D.0040CPG00             | 04D.0040CHG00             |
| Filter element code                                 |        | 04E.0040CQ    | 04E.0040CP                | 04E.0040CH                |
| Physical filtration process                         |        | Interception  | Interception + coalescing | Interception + coalescing |
| 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                |
| Remaining oil content after filtration (ISO 8573-1) | Class  | //            | 2                         | 1                         |
| Max temperature                                     | °C     | 150           | 150                       | 150                       |
| Pressure drop with new element                      | bar    | 0,05          | 0,1                       | 0,1                       |
| Pressure drop with saturated elements               | bar    | 0,4           | 0,4                       | 0,4                       |
| Element replacement time                            | hours  | 4000 h        | 4000 h                    | 4000 h                    |
| Element replacement time                            | months | 6             | 6                         | 6                         |

|                     |      |      |      |      |      |      |      |      |      |      |
|---------------------|------|------|------|------|------|------|------|------|------|------|
| Line pressure [bar] | 1    | 2    | 3    | 5    | 7    | 9    | 11   | 13   | 15   | 16   |
| Correction factor   | 0,38 | 0,53 | 0,65 | 0,85 | 1,00 | 1,13 | 1,25 | 1,36 | 1,46 | 1,51 |

