



## TECHNICAL DATA SHEET

Rev.01 - 18/11/2020

### Standard filters

#### MODEL

F0350

|                        |        |            |                                                                                                                                                                                           |
|------------------------|--------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Filter capacity        | l/min  | 35000      | 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   | 2100       |                                                                                                                                                                                           |
| Working pressure       | bar    | 7 (16 max) |                                                                                                                                                                                           |
| Air connections        | IN/OUT | 3" BSP     |                                                                                                                                                                                           |
| Net weight             | Kg     | 7,9        |                                                                                                                                                                                           |
| Standard type of drain | Manual |            |                                                                                                                                                                                           |

| Filtration grade                                    |        | QF            | PF                        | HF                        | CF            |
|-----------------------------------------------------|--------|---------------|---------------------------|---------------------------|---------------|
| Complete filter code                                |        | 04A.2100.QG00 | 04A.2100.PG00             | 04A.2100.HG00             | 04A.2100.CG00 |
| Filter element code                                 |        | 04E.2100.Q    | 04E.2100.P                | 04E.2100.H                | 04E.2100.C    |
| 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    | 0,05          | 0,1                       | 0,1                       | 0,08          |
| Pressure drop with saturated elements               | bar    | 0,6           | 0,6                       | 0,6                       | 0,6           |
| Element replacement time                            | hours  | 4000 h        | 3500 h                    | 3500 h                    | 3000 h        |
| Element replacement time                            | months | 6             | 5                         | 5                         | 4             |

|                     |      |      |      |      |      |      |      |      |      |      |
|---------------------|------|------|------|------|------|------|------|------|------|------|
| Line pressure [bar] | 1    | 2    | 3    | 5    | 7    | 9    | 11   | 13   | 15   | 16   |
| Correction factor   | 0,20 | 0,36 | 0,50 | 0,75 | 1,00 | 1,25 | 1,50 | 1,75 | 2,00 | 2,13 |

| Dimensions (mm) |     |
|-----------------|-----|
| A               | 865 |
| B               | 200 |
| C               | 65  |
| D               | 200 |

