

High pressure filters

MODEL

F0170 HDP

| | | | |
|------------------------|-------------------|-------------|--|
| Filter capacity | l/min | 83333 | Flow rates at 40 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 | 5000 | |
| Working pressure | bar | 40 (40 max) | |
| Air connections | IN/OUT | 2" BSP | |
| Net weight | Kg | 7,7 | |
| Standard type of drain | Ball valve | | |

| Filtration grade | | QF | PF | HF | CF |
|--|-------------------|---------------|-----------------------------|-----------------------------|-------------------------|
| Complete filter code | | 04H.1000.QGA0 | 04H.1000.PGA0 | 04H.1000.HGA0 | 04H.1000.CGA0 |
| Filter element code | | 04E.1000DQ | 04E.1000DP | 04E.1000DH | 04E.1000DC |
| Physical filtration process | | Interception | Interception+coal escing | Interception+coal escing | Adsorption |
| Max solid dimension intercepted (ISO 8573-1) | µm | 1 µ | 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 | // | 0,6 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 | 80 | 80 | 80 | 30 |
| Pressure drop with new element | bar | 0,05 | 0,1 | 0,1 | 0,08 |
| Pressure drop with saturated elements | bar | 0,4 | 0,4 | 0,4 | 0,4 |
| Element replacement time | hours | 4000 h | 4000 h | 4000 h | 1000 h |
| Element replacement time | months | 6 | 6 | 6 | 3 |

| | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|
| Line pressure [bar] | 7 | 10 | 13 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| Correction factor | 0,20 | 0,27 | 0,35 | 0,42 | 0,52 | 0,61 | 0,71 | 0,81 | 0,90 | 1,00 |

| Dimensions (mm) | |
|-----------------|-----|
| A | 705 |
| B | 170 |
| C | 52 |
| D | 170 |

