# Single Filter (EF 15) page 1 / 1

STANDARD VERSION

Manual-operated filter with connection flanges at same levels in cast design.

Due to the variable structural shape different sizes of housings with the same connection flange can

be used.

|  |  |
| --- | --- |
| **Operating conditions** |  |
| medium |  |  |
| flow rate | m³/h |  |
| working pressure | bar |  |
| filter fineness | µm |  |
| filter area | cm² |  |
| operating temperature | °C |  |
|  |  |
| **Design data** |  |
| main connection flanges acc. to DIN EN 1092 | DN |  |
| filter lock | strap / screws and nuts |
| adjustment of the flange connection | on opposite side – at same level |
| design pressure | 10 bar |
| test pressure | 14,3 bar |
| pressure loss with clean filter approx. | 0,1 bar |
| design temperature | 0 - 50 °C |
| construction and design | PED 2014/68/EU and AD 2000 |
|  |  |
| **Technical data** |  |
| weight empty approx. | kg |  |
| weight filled ca. | kg |  |
| volume | l |  |
|  |  |
| **Material** |  |
| filter housing | EN-GJS-500-7 (RAL 3020) |
| outside coating | epoxy resin min. 80 µm |
| filter element basket type strainer of perforated sheet | stainless steel 1.4301 (AISI 304) |
| with wire cloth screen | stainless steel 1.4401 (AISI 316) |
| cover seal | NBR |
|  |  |
| **Differential pressure indicator** | with one (1) electrical switching contact  |
| optical-electrical, mounted at the filter |  |
| housing | Aluminium, hard-oxidized |
| measure spring | stainless steel 1.4310 |
| diaphragm | NBR |
| knitted pressure wiring | stainless steel |

|  |  |
| --- | --- |
| Manufacturer | Dango & Dienenthal Filtertechnik GmbH |
|  | +49 271 401 41 23 |