# Duplex Filter (DF 20) page 1 / 1

STANDARD VERSION

Duplex Filter with butterfly valve reversing unit in cast design

|  |  |  |
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| **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 | superposed – at the same side | |
| 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) | |
| 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 | |
| switchover with butterfly valves |  | |
|  |  | |
| **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 | |

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| Manufacturer | Dango & Dienenthal Filtertechnik GmbH |
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