**RIEGLER**
Druckluft, Ideen und mehr



**FU 834**

## Pre-filter

**Size 2**

| FU 853 | FU 863 |
|--------|--------|
| G 3/8 | |
| FU 854 | FU 864 |
| G 1/2 | |
| 0.3 µm | |

## Description

● **Pre-filter** for separating **oil, water and solid particles ≥ 0.3 µm** from compressed air in the "*Futura*" series.
● "KP200" or "WK 102" joiner set for seamless integration with other devices.

## Characteristics

| Type | FU 853 | FU 863 | FU 854 | FU 864 |
|------|--------|--------|--------|--------|
| Drain | Semi-automatic (semi) | Fully automatic (auto) | Semi-automatic (semi) | Fully automatic (auto) |
| Port (thread) | G 3/8 | | G 1/2 | |
| Type of construction | Pre-filter | | | |
| Medium | Compressed air, neutral gases | | | |
| Mounting position | Vertical, bowl at bottom | | | |
| Temperature Medium / ambient | **Max.** 50 °C | | | |
| Input pressure $P_{in}$ - With automatic / semi-automatic drain - With manual drain | **Min.** 1.5 bar / **max.** 16 bar Max. 16 bar | | | |
| Filter rating | 0.3 µm | | | |
| Bowl capacity | 49 cm³ | | | |
| Condensate drain | Semi-automatic – pressureless exhaust **(semi)** / fully automatic **(auto)** | | | |
| Weight | 0.300 kg **(semi)** / 0.330 kg **(auto)** | | | |
| Mounting type | Bracket, wall mounting | | | |

## Materials

| Part | Material |
|------|----------|
| Head piece | IXEF1022® |
| Bowl | Polycarbonate |
| Bowl guard | Polyamide |
| Metal bowl | Die-cast zinc |
| O-rings 37.5 x 2.5 / 20 x 2 | NBR |
| Filter element M 22x1 | Paper / Al |
| Threaded plates | Die-cast zinc Z 410 |

## Ordering information

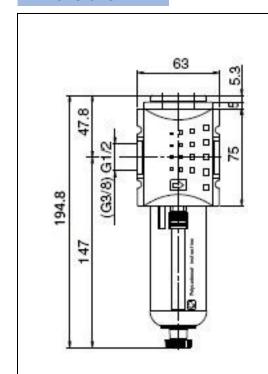- The filters are delivered in single packs

| Options |
|---------|
| NPTF ports |
| |
| |

# Filters –*Futura*–

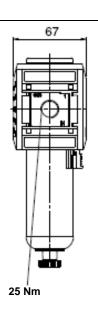## Accessories

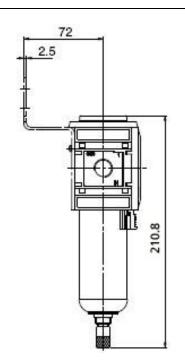| Designation | Art. No. |
|---|---|
| Mounting bracket, incl. screws | H 852 |
| Joiner set with wall bracket | WK 102 |
| Joiner set | KP 200 |
| Polycarbonate bowl with bowl guard / filter | BSF 12 |
| Polycarb. bowl with fully autom. drain valve | BSF 12-A |
| Metal bowl / filter | MF 12 |
| Metal bowl with fully automatic drain valve | MF 12-A |
| Differential pressure indicator | DAF 1 |
| Differential pressure gauge | DM 34 |
| Wall bracket with connection thread G 3/8 | WK 102-38 |
| Wall bracket with connection thread G 1/2 | WK 102-12 |
| Wall bracket with connection thread G 3/4 | WK 102-34 |

## Spare parts

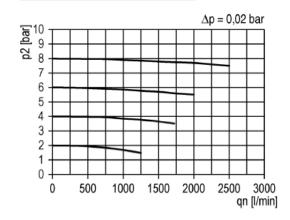| Designation | Art. No. |
|---|---|
| Filter element 0.3 µm M 22x1 | V 864/03 |
| O-ring 37.5 x 2.5 | 3725.4.9 |
| O-ring 20 x 2 | 202.4.9 |
| Automatic drain valve | 655.6.900 |
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|  |  |
|  |  |
|  |  |

## Dimensions

**25 Nm**

## Flow rates

### Flow characteristic

**Mounting bracket**

**1.5 Nm**