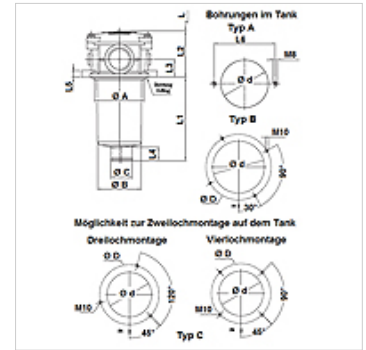


Properties

| | |
|---------------------------|--|
| Design | with bypass valve 1.75 bar, without clogging indicator |
| Temp. min. | -25 °C |
| Temp. max. | 110 °C |
| Material | Gasket: NBR |
| Operating pressure | max. 8 bar |
| Scope of supply | incl. filter element |



Note

Dimension "L": clearance required for changing the filter element

Description

Return flow filter for fitting into the tank cap; dimensions for drilling pattern see graphic.

Pressure differential for filter element paper (P) max. 3 bar

Pressure differential for inorganic filter element (A) max. 10 bar

Connector for clogging indicator G 1/8" closed with bolt

Design (Qmax.) for medium ISO VG 46
at 50°C (30 mm²/s) at Δptot = 0.4 bar

| Item | Identification | Line connection | Ø A | Ø B | Ø C | Ø D | Ø d | Q max. | L | L1 | L2 | L3 | L4 | L5 | L6 | Type | Weight |
|-------------------------|-------------------|-----------------|-------|------|-------|-------|------|--------|---------|-------|------|------|------|-------|------|------|--------|
| | | | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (L/min) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| FI RL 024 A10 N V G1/2 | G 1/2" | 66,0 | 60,0 | 32,0 | 90,0 | 67,0 | 24 | 100,0 | 86,0 | 59,0 | 22,0 | 19,0 | 8,0 | 90,0 | A | 0,36 | |
| FI RL 048 P10 N V G1/2 | G 1/2" | 66,0 | 60,0 | 32,0 | 90,0 | 67,0 | 60 | 100,0 | 86,0 | 59,0 | 22,0 | 19,0 | 8,0 | 90,0 | A | 0,40 | |
| FI RL 053 A10 N V G1/2 | G 1/2" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 53 | 120,0 | 100,0 | 82,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,74 | |
| FI RL 110 P10 N V G1/2 | G 1/2" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 86 | 120,0 | 100,0 | 82,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,61 | |
| FI RL 053 A10 N V G3/4 | G 3/4" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 53 | 120,0 | 100,0 | 82,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,74 | |
| FI RL 086 P10 N V G3/4 | G 3/4" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 86 | 120,0 | 100,0 | 82,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,74 | |
| FI RL 053 A10 N V G1 | G 1" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 53 | 120,0 | 100,0 | 82,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,76 | |
| FI RL 086 P10 N V G1 | G 1" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 86 | 120,0 | 100,0 | 82,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,76 | |
| FI RL 064 A10 N V G3/4 | G 3/4" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 64 | 170,0 | 150,0 | 80,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,76 | |
| FI RL 150 P10 N V G3/4 | G 3/4" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 110 | 170,0 | 150,0 | 80,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,61 | |
| FI RL 064 A10 N V G1 | G 1" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 64 | 170,0 | 150,0 | 80,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,76 | |
| FI RL 150 P10 N V G1 | G 1" | 88,0 | 80,0 | 38,0 | 115,0 | 89,0 | 110 | 170,0 | 150,0 | 80,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,61 | |
| FI RL 125 A10 N V G3/4 | G 3/4" | 88,0 | 80,0 | 46,5 | 115,0 | 89,0 | 125 | 250,0 | 225,0 | 80,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,88 | |
| FI RL 225 P10 N V G3/4 | G 3/4" | 88,0 | 80,0 | 46,5 | 115,0 | 89,0 | 220 | 250,0 | 225,0 | 80,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,67 | |
| FI RL 125 A10 N V G1 | G 1" | 88,0 | 80,0 | 46,5 | 115,0 | 89,0 | 125 | 250,0 | 225,0 | 80,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,88 | |
| FI RL 225 P10 N V G1 | G 1" | 88,0 | 80,0 | 46,5 | 115,0 | 89,0 | 220 | 250,0 | 225,0 | 80,0 | 32,0 | 24,0 | 12,0 | 115,0 | A | 0,67 | |
| FI RL 230 A10 N V G11/4 | G 1.1/4" | 129,5 | 112,0 | 47,0 | 175,0 | 131,0 | 230 | 250,0 | 233,0 | 91,0 | 35,0 | 31,0 | 13,0 | 175,0 | C | 1,86 | |
| FI RL 190 P10 N V G11/4 | G 1.1/4" | 129,5 | 112,0 | 47,0 | 175,0 | 131,0 | 280 | 250,0 | 233,0 | 91,0 | 35,0 | 31,0 | 13,0 | 175,0 | C | 2,20 | |
| FI RL 290 A10 N V G11/4 | G 1.1/4" | 173,5 | 150,0 | 51,0 | 220,0 | 174,5 | 290 | 200,0 | 180,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,42 | |
| FI RL 280 P10 N V G11/4 | G 1.1/4" | 173,5 | 150,0 | 51,0 | 220,0 | 174,5 | 370 | 200,0 | 180,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,00 | |
| FI RL 290 A10 N V G11/2 | G 1.1/2" | 173,5 | 150,0 | 51,0 | 220,0 | 174,5 | 290 | 200,0 | 180,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,42 | |
| FI RL 370 P10 N V G11/2 | G 1.1/2" | 173,5 | 150,0 | 51,0 | 220,0 | 174,5 | 370 | 200,0 | 180,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,42 | |
| FI RL 290 A10 N V G2 | G 2" | 173,5 | 150,0 | 51,0 | 220,0 | 174,5 | 290 | 200,0 | 180,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,42 | |
| FI RL 370 P10 N V G2 | G 2" | 173,5 | 150,0 | 51,0 | 220,0 | 174,5 | 370 | 200,0 | 180,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,42 | |
| FI RL 450 A10 N V G11/2 | G 1.1/2" | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 450 | 250,0 | 238,0 | 98,5 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,42 | |
| FI RL 320 P10 N V G11/2 | G 1.1/2" | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 610 | 250,0 | 238,0 | 98,5 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,50 | |
| FI RL 540 A10 N V G11/2 | G 1.1/2" | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 540 | 310,0 | 290,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,70 | |
| FI RL 420 P10 N V G11/2 | G 1.1/2" | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 675 | 310,0 | 290,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,70 | |
| FI RL 540 A10 N V G2 | G 2" | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 540 | 310,0 | 290,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,70 | |
| FI RL 675 P10 N V G2 | G 2" | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 675 | 310,0 | 290,0 | 97,0 | 38,5 | 38,0 | 12,5 | 220,0 | B | 3,70 | |
| FI RL 620 A10 N V SAE2 | 2" SAE 3000 PSI/M | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 620 | 450,0 | 430,0 | 105,0 | 48,5 | 38,0 | 12,5 | 220,0 | B | 5,68 | |
| FI RL 750 P10 N V SAE2 | 2" SAE 3000 PSI/M | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 750 | 450,0 | 430,0 | 105,0 | 48,5 | 38,0 | 12,5 | 220,0 | B | 5,68 | |
| FI RL 620 A10 N V G2 | G 2" | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 620 | 450,0 | 430,0 | 105,0 | 48,5 | 38,0 | 12,5 | 220,0 | B | 5,68 | |
| FI RL 750 P10 N V G2 | G 2" | 173,5 | 150,0 | 64,0 | 220,0 | 174,5 | 750 | 450,0 | 430,0 | 105,0 | 48,5 | 38,0 | 12,5 | 220,0 | B | 5,68 | |

A10 with inorganic filter (10 µm), absolute filtration – P10 paper filter (10 µm), nominal filtration – Qmax - max intake volumetric flow



Accessories

HK VA MAN Clogging indicator pressure gauge

FI RL RVL Tube extension for return flow filter

Spare parts

FI RL E MP Filter element for return filter MP

FI RL GEH Housing for return flow filter