

## Service units - mini and standard model series

G 1/8" - G 2"

**Materials:** Body: Zinc die-casting Z410 (model series 5 to 8: aluminium), diaphragms and seals: NBR, container: Poly-carbonate

**Temperature range:** Up to max. +60°C

**Input pressure:** 1.5 - 16 bar

**Condensate draining:** Semi-automatic (as soon as the inlet pressure falls below the minimum input pressure, the drain valve opens automatically. By screwing the drain screw tight, you can prevent the semi-automatic drain valve from opening.)

**Media:** Compressed air, non-toxic and non-flammable gases

**ATEX:** Operating material without its own potential source of ignition in accordance with Directive 2014/34/EU

- ✓ **Advantages:**
- Automatic venting in the event of overpressure on the secondary side.
  - Can be filled with oil while under pressure.

## Service units, 2-part - mini

350 l/min

**Version:** Filter regulator resettable (with relieving system) with attached lubricator

**Pressure gauge connection:** G 1/8"

**Reaction limit (6 bar):** 40 l/min

**Switch panel thread:** M 30 x 1.5

**Oil supply:** 17 cm<sup>3</sup>

**Max. condensate amount:** 16 cm<sup>3</sup>

**Oil metering at 250 l/min:** 2 - 5 drops/10 min

**Pore width in the filter:** 5 µm

☞ **Optional:** Version with metal container\*\* (1.5 - 25 bar) -M, automatic drain\*\*\* -AM

Type	Thread	Pressure regula. range	Pressure gauge display	Press. gauge diameter
FDO 00*	G 1/8"	0.5 - 10 bar	0 - 16 bar	40
FDO 00-3	G 1/8"	0.5 - 3 bar	0 - 6 bar	40
FDO 00-6	G 1/8"	0.5 - 6 bar	0 - 10 bar	40
FDO 00-16	G 1/8"	0.5 - 16 bar	0 - 25 bar	40
FDO 01*	G 1/4"	0.5 - 10 bar	0 - 16 bar	40
FDO 01-3	G 1/4"	0.5 - 3 bar	0 - 6 bar	40
FDO 01-6	G 1/4"	0.5 - 6 bar	0 - 10 bar	40
FDO 01-16	G 1/4"	0.5 - 16 bar	0 - 25 bar	40

Mounting bracket
WHM 30
WHM 30
WHM 30
WHM 30
WHM 30
WHM 30
WHM 30
WHM 30



\* standard model series, please use preferentially as the regulation range can be applied universally, \*\* drip cap made of plastic,

\*\*\* max. 16 bar when combined with a metal container

☞ **Order example:** FDO 00 \*\*

Standard type

**Designation for the options:**

Version with metal container\*\* (1.5 - 25 bar) . . . -M

With automatic drain\*\*\* (1.5 to 16 bar) . . . . .-AM

## Service units, 2-part - standard

up to 4000 l/min

**Version:** Filter regulator resettable (with relieving system) with attached lubricator

**Pressure gauge connection:** G 1/4"

**Switch panel thread:** Model series 1 to 3: M 20 x 1.5

**Oil metering at 1000 l/min:** 1 - 2 drops/min

☞ **Optional:** Version with protective cage -S, version with metal container\* (1.5 - 25 bar) -M, automatic drain\*\* -AM, automatic drain closed when not pressurised\*\* (0 - 16 bar) -AMNC

Type	Thread	Pressure regula. range	Pressure gauge display	L	H	H1
<b>Model series 1, flow 600 l/min, cond. amount 35 cm<sup>3</sup>, oil supply 40 cm<sup>3</sup>, pore width in the filter 5 µm</b>						
FDO 11	G 1/4"	0.5 - 10 bar	0 - 16 bar	117	236	98
FDO 12	G 3/8"	0.5 - 10 bar	0 - 16 bar	117	236	98
<b>Model series 2, flow 800 l/min, cond. amount 50 cm<sup>3</sup>, oil supply 110 cm<sup>3</sup>, pore width in the filter 40 µm</b>						
FDO 22	G 3/8"	0.5 - 10 bar	0 - 16 bar	150	270	118
FDO 23	G 1/2"	0.5 - 10 bar	0 - 16 bar	150	270	118
<b>Model series 3, flow 2100 l/min, cond. amount 65 cm<sup>3</sup>, oil supply 135 cm<sup>3</sup>, pore width in the filter 5 µm</b>						
FDO 33	G 1/2"	0.5 - 10 bar	0 - 16 bar	175	298	130
<b>Model series 5, flow 4000 l/min, cond. amount 300 cm<sup>3</sup>, oil 550 cm<sup>3</sup>, pore width in the filter 40 µm</b>						
FDOP 54	G 3/4"	0.5 - 10 bar	0 - 16 bar	230	459	190
FDOP 55	G 1"	0.5 - 10 bar	0 - 16 bar	230	459	190

Mounting bracket
BW 10
BW 10
BW 20
BW 20
BW 30
BW 50
BW 50



\* drip cap made of metal/glass combination, \*\* not for model series 1, max 16 bar when combined with a metal container

☞ **Order example:** FDO 11 \*\*

Standard type

**Designation for the options:**

With protective cage . . . . .-S

With metal container\* (1.5 - 25 bar) . . . . .-M

With automatic drain\*\* (1.5 to 16 bar) . . . . .-AM

With automatic drain, closed when depressurised\*\* (0 to 16 bar) . . -AMNC



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.