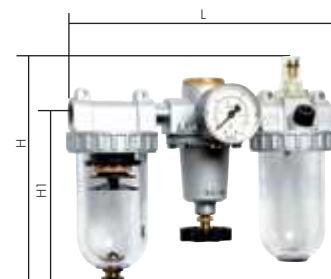
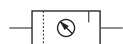


Service units & accessories - standard



Service units, 3-part - standard

up to 18 500 l/min

Version: Filter, pressure regulator resettable (with relieving system) and 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** (input pressure 0 - 16 bar) -AMNC

Type	Thread	Pressure regula. range	Pressure gauge display	L	H	H1	Mounting bracket
Model series 1, flow 600 l/min, cond. amount 35 cm³, oil supply 40 cm³, pore width in the filter 5 µm							
FRO 11	G 1/4"	0.5 - 10 bar	0 - 16 bar	172	189	138	BW 10
FRO 12	G 3/8"	0.5 - 10 bar	0 - 16 bar	172	189	138	BW 10
Model series 2, flow 1400 l/min, cond. amount 50 cm³, oil supply 110 cm³, pore width in the filter 40 µm							
FRO 22	G 3/8"	0.5 - 10 bar	0 - 16 bar	236	201	150	BW 20
FRO 23	G 1/2"	0.5 - 10 bar	0 - 16 bar	236	201	150	BW 20
Model series 3, flow 3200 l/min, cond. amount 65 cm³, oil supply 135 cm³, pore width in the filter 5 µm							
FRO 33	G 1/2"	0.5 - 10 bar	0 - 16 bar	260	229	175	BW 30
FRO 34	G 3/4"	0.5 - 10 bar	0 - 16 bar	302	235	176	BW 30
FRO 35	G 1"	0.5 - 10 bar	0 - 16 bar	302	235	176	BW 30
Model series 5, flow 4900 l/min, cond. amount 300 cm³, oil supply 550 cm³, pore width in the filter 40 µm							
FRO 54	G 3/4"	0.5 - 10 bar	0 - 16 bar	350	300	241	BW 50
FRO 55	G 1"	0.5 - 10 bar	0 - 16 bar	350	300	241	BW 50
FRO 56	G 1 1/4"	0.5 - 10 bar	0 - 16 bar	395	319.5	250	BW 50
FRO 57	G 1 1/2"	0.5 - 10 bar	0 - 16 bar	395	319.5	250	BW 50
Model series 8, flow 18500 l/min, cond. amount 300 cm³, oil supply 1700 cm³, pore width in the filter 60 µm							
FRO 88	G 2"	0.5 - 10 bar	0 - 16 bar	453	477	401	---

* drip cap made of metal/glass combination, ** max 16 bar when combined with a metal container

Order example: FRO 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

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type BDF 33



type BDF 33 M



type BDF 33 AM



type BDF 33 MAM



type SCHUTZKORB DF33



type MU DF 33

Replacement containers for filters and filter regulators - mini/standard

Type	Type	Type	For model series D	
semi-autom. drain	fully autom. drain	replacement nut		
Polycarbonate container				
BDF 00	BF 1 AM	---	Mini	33.5 (thread)
BDF 11	BDF 11 AM*	MU DF11	1	44 (flange)
BDF 22	BDF 22 AM	MU DF22	2	65 (flange)
BDF 33	BDF 33 AM	MU DF33	3 to 9	76 (flange)
Metal container without inspection tube				
BDF 00 M	BDF 00 M AM**	---	Mini	33.5 (thread)
BDF 11 M	BDF 11 M AM*	MU DF11	1	44 (flange)
BDF 22 M	BDF 22 M AM	MU DF22	2	65 (flange)
BDF 33 M	BDF 33 M AM	MU DF33	3 to 9	76 (flange)
Protective cage				
SCHUTZKORB 0	SCHUTZKORB 0	---	Mini	33.5 (thread)
SCHUTZKORB DF11	SCHUTZKORB DF11	---	1	44 (flange)
SCHUTZKORB DF22	SCHUTZKORB DF22	---	2	65 (flange)
SCHUTZKORB DF33	SCHUTZKORB DF33	---	3 to 9	76 (flange)

* not for filter regulator model series 1, ** not for filter model series 0

Replacement containers for lubricators - mini/standard

Type	Type	Type	Type	For model series D	
polycarbonate container	metal container w/o inspection tube	protective cage	replacement nut		
BDO 00	BDO 00 M	SCHUTZKORB 0	---	Mini	33.5 (thread)
BDO 11	BDO 11 M	SCHUTZKORB DF11	MU DF11	1	44 (flange)
BDO 22	BDO 22 M	SCHUTZKORB DF22	MU DF22	2	65 (flange)
BDO 33	BDO 33 M	SCHUTZKORB DF33	MU DF33	3 to 9	76 (flange)



type BDO 33



type BDO 33 M



type SCHUTZKORB DF33



type MU DF 33



Pneumatic oil
on page 574



Bolts, nuts
and washers
from page 615



tesa
adhesive
technology
from page 585

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.