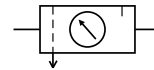


**FILTER, REGULATOR
 FILTER/REGULATOR AND LUBRICATOR**
 Modulair 112 - G 1/4 to G 1/2
METAL BOWL (with visualization)
STAINLESS STEEL FASTENERS



PRESENTATION

- Suitable to withstand aggressive environmental conditions and/or frequent cleaning cycles with oxidising agents.
- Resistance to high temperatures (+50°C)
- Resistance to impact, UV light and solvents
- Working pressures up to 16 bar (F and F/R)
- Bowl always locked in place during operation

SPECIFICATIONS

FLUID : Compressed air or neutral gas
 PORTS : G1/4 to G1/2
 MAX. INLET PRESSURE F, FR : 16 bar at 50° C
 L : 12 bar at 23°C / 10 bar at 50° C
 AMBIENT TEMPERATURE : 0°C to + 50°C
 MAX. FLOW (Qv at 6,3 bar) : see table

SPECIFICATIONS INDIVIDUELLES ET CONSTRUCTION

■ FILTER

Filtering capacity: 25 µm and 5 µm (10 and 50 µm on request)
 Filtering element of polyethylene (PE)
 Painted zamak body
 Painted aluminium bowl
 Max. condensate level sight polyamide
 Condensate drain: semi-automatic (operating pressure: 1.2 to 10/16 bar)
 or pipable automatic (operating pressure: 2 to 10 bar) or manual drain as option.

■ FILTRE/REGULATEUR MONOBLOC

Filtering capacity: 25 µm and 5 µm (10 and 50 µm on request)
 Painted zamak body
 Painted aluminium bowl
 Max. condensate level sight polyamide
 Semi-automatic drain (operating pressure: 1.2 to 16 bar)
 or automatic (operating pressure: 2 to 10 bar max.) or manual
 Regulating device with a **rolling** diaphragm (very low hysteresis: 0,2 bar)
 Regulator self-relieving
 Controlled pressure: 0,5 to 10 bar (other adjustment range, in option)

■ LUBRIFICATEUR

Painted zamak body
 Painted aluminium bowl
 Min. oil level sight polyamide
 «Pull-turn-push» locking oil flow adjustment knob
 Lubrication: selective oil fog
 Lubricator oil refilling **pressurised/unpressurised**

INSTALLATION

Systems must be installed with the bowls in vertical position
 Air flow direction indicated by arrow.
 Adjust oil flow. Adjustment sight

MAINTENANCE

Drain filter if necessary. Recommended type of oil: Non-detergent and without aggressive additives, viscosity **VG32** (ISO 3448)

CHOICE OF EQUIPMENT

■ COMBINED FILTER/REGULATOR + LUBRICATOR SYSTEMS (Consisting of two components delivered installed and assembled)

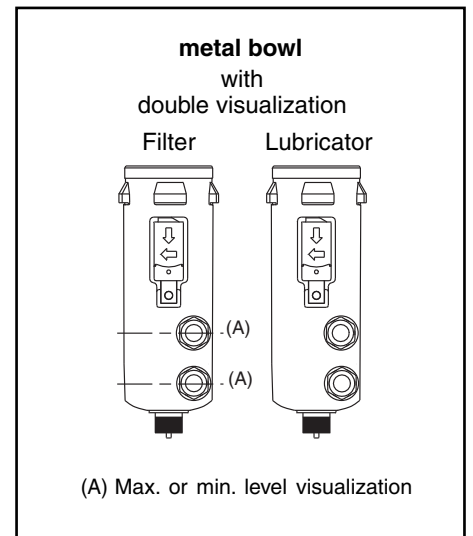
MODULAIR type	Port size	Bowl capacity (cm³)	Filtering capacity (µm)	Controlled pressure (3) (bar)	flow (ISO 6359) at upstream pressure = 10 bar at 6.3 bar pressure setpoint and ΔP of 1 bar / setpoint				Ø mano	code system semi-automatic drain	
					min. (1)		max.			with 0-12 bar gauge	without gauge
					(l/min)	(dm³/s)	(l/min)	(dm³/s)			
Metal bowl with visualization - 25 µm filtration - adjustment 0,5 - 10 bar											
112	G1/4	114	25	0,5-10	20	0,3	3200	53	50	34203980	34203979
	G3/8	114	25	0,5-10	20	0,3	5200	87	50	34203982	34203981
	G1/2	114	25	0,5-10	20	0,3	5600	93	50	34203984	34203983
Metal bowl with visualization - 25 µm filtration - adjustment 0,2 - 3 bar											
112	G1/4	114	25	0,2-3	20	0,3	3200	53	50	34203986	34203985
	G3/8	114	25	0,2-3	20	0,3	5200	87	50	34203988	34203987
	G1/2	114	25	0,2-3	20	0,3	5600	93	50	34203990	34203989
Metal bowl with visualization - 5 µm filtration - adjustment 0,5 - 10 bar (2)											
112	G1/4	114	5	0,5-10	20	0,3	3200	53	50	34203992	34203991
	G3/8	114	5	0,5-10	20	0,3	5200	87	50	34203994	34203993
	G1/2	114	5	0,5-10	20	0,3	5600	93	50	34203996	34203995

(1) Minimum for lubricator startup
 (2) With a 5 µm filtering element flow is reduced by approx. 15 %
 (3) Other adjustment ranges (0.2 - 3 bar or 0,5 - 12 bar) on request (see options)

ACCESSORIES: see page 16

OPTIONS: consult us

SEPARATE COMPONENTS: see following page



CHOICE OF EQUIPMENT - SEPARATE COMPONENTS

■ FILTER

MODULAIR type	port size	bowl capacity		maximum flow (at 10 bar / ΔP 1,5 bar)		code filter	
		total (cm³)	useful (cm³)	l/min (ANR)	dm³/s (ANR)	semi-automatic drain 25 μm	5 μm (2)

Metal bowl with visualization

112	G1/4	114	40	2600	43,3	34203940	34203943
	G3/8	114	40	3000	50	34203941	34203944
	G1/2	114	40	3800	63,3	34203942	34203945

■ REGULATOR

port size	MODULAIR type	maximum inlet pressure (bar)	controlled pressure (bar)	flow (ISO 6953) at upstream pressure = 10 bar at 6.3 bar pressure setpoint and ΔP of 1 bar / setpoint		code regulator		
				l/min (ANR)	dm³/s (ANR)	Ø gauge	with 0-12 bar gauge	without gauge

Adjustement range : STANDARD

G1/4	112	16	0,5-10	3900	65	50	34203947	34203946
G3/8	112	16	0,5-10	5500	92	50	34203949	34203948
G1/2	112	16	0,5-10	7000	117	50	34203951	34203950

Adjustement range : LOW (0,2 - 3 bar)

(0-4 bar pressure gauge)

G1/4	112	16	0,2-3	3900	65	50	34203953	34203952
G3/8	112	16	0,2-3	5500	92	50	34203955	34203954
G1/2	112	16	0,2-3	7000	117	50	34203957	34203956

■ COMBINED FILTER/REGULATOR

MODULAIR type	port size	bowl capacity (cm³)	controlled pressure (3) (bar)	flow at upstream pressure = 10 bar at 6.3 bar pressure setpoint and ΔP of 1 bar / setpoint		code filter/regulator semi-automatic drain		
				l/min (ANR)	dm³/s (ANR)	Ø mano	with 0-12 bar gauge	without gauge

Metal bowl with visualization - 25 μm filtration - adjustment 0,5 - 10 bar

112	G1/4	114	0,5-10	3200	53,3	50	34203962	34203961
	G3/8	114	0,5-10	5200	86,6	50	34203964	34203963
	G1/2	114	0,5-10	5600	93,3	50	34203966	34203965

Metal bowl with visualization - 25 μm filtration - adjustment 0,2 - 3 bar

112	G1/4	114	0,2-3	3200	53,3	50	34203968	34203967
	G3/8	114	0,2-3	5200	86,6	50	34203970	34203969
	G1/2	114	0,2-3	5600	93,3	50	34203972	34203971

Metal bowl with visualization - 5 μm filtration - adjustment 0,5 - 10 bar

112	G1/4	114	0,5-10	3200	53,3	50	34203974	34203973
	G3/8	114	0,5-10	5200	86,6	50	34203976	34203975
	G1/2	114	0,5-10	5600	93,3	50	34203978	34203977

■ LUBRICATOR

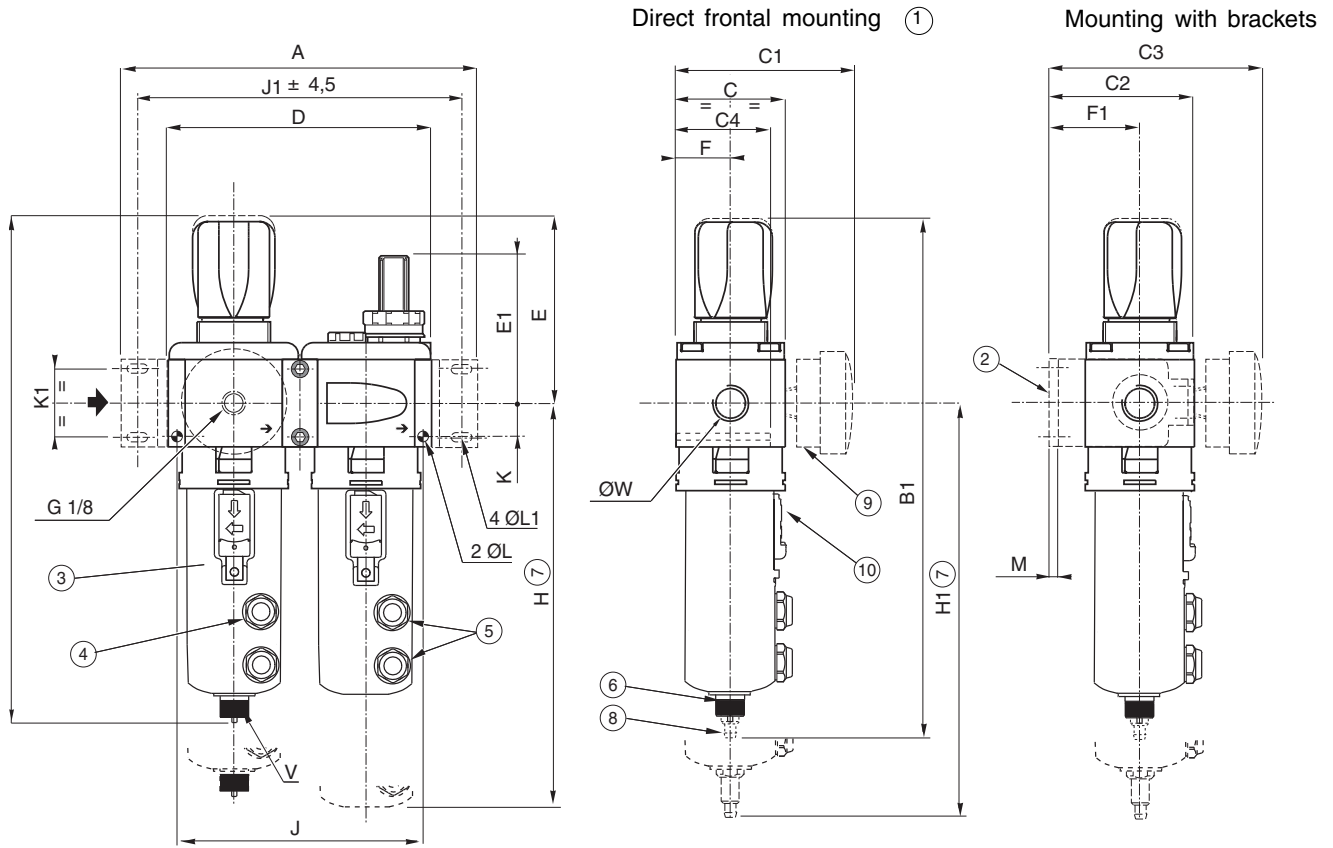
MODULAIR type	port size	bowl capacity (cm³)	max. oil capacity (cm³)	flow at 6,3 bar				code	
				min. (1)		max.		lubricator with metal bowl with visualization	
				l/min (ANR)	dm³/s (ANR)	l/min (ANR)	dm³/s (ANR)		

- (1) Minimum for lubricator startup
 (2) With a 5 μm filtering element, max. flow is reduced by approx. 15%
 (3) Others adjustment range 0.2 - 3 bar or 0,5 - 12 bar on request (see options)

ACCESSORIES: see page 16

OPTIONS: consult us

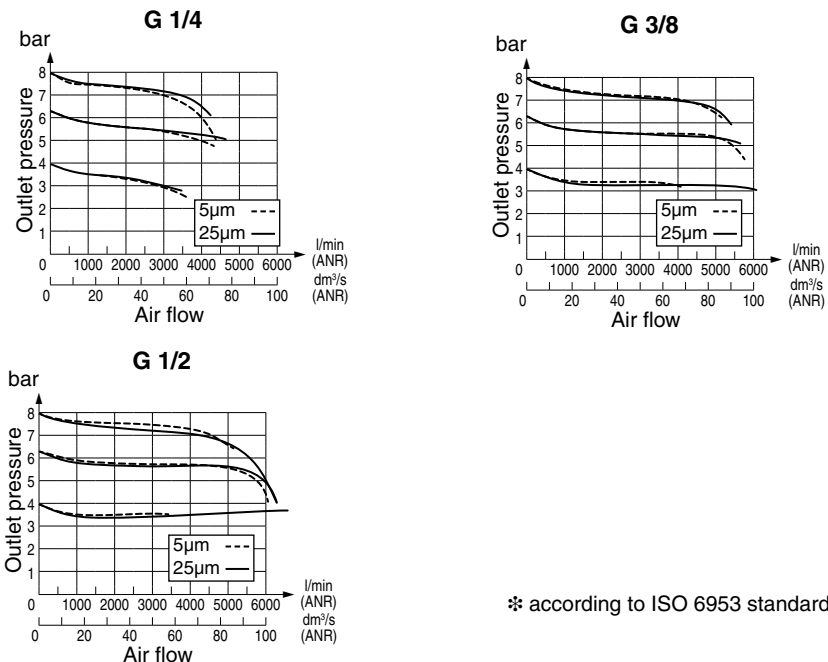
DIMENSIONS AND WEIGHTS COMBINED FILTER/REGULATOR + LUBRICATOR



range	Modulair 112
Ø W	G1/4 G3/8 G1/2
bowl (cl)	12
A	178
B	248,5
B1	259,5
C	55
C1	96,5
C2	73,5
C3	105
C4	47,5
D	132
D1	66
E	94,5
E1	71
F	27,5
F1	46
H	219
H1	230
J	123
J1	162
K	17
K1	33,5
ØL	5,5
ØL1	5,5
M	4
ØT	G3/8
V	G1/8
Weight (kg)	1,570 ⁽¹⁾ 1,650 ⁽²⁾

- ① Direct frontal mounting : 2 holes ØL and depth C4
- ② Mounting with two side brackets (accessory)
- ③ Metal bowl
- ④ Condensate level window
- ⑤ Oil min./max. level window
- ⑥ G 1/8 connectable semi-automatic drain
- ⑦ Clearance necessary for bowl removal
- ⑧ automatic drain with fitting for connection of 6 mm ID hose
- ⑨ 50 mm dia. pressure gauge
- ⑩ Bowl unlocking button

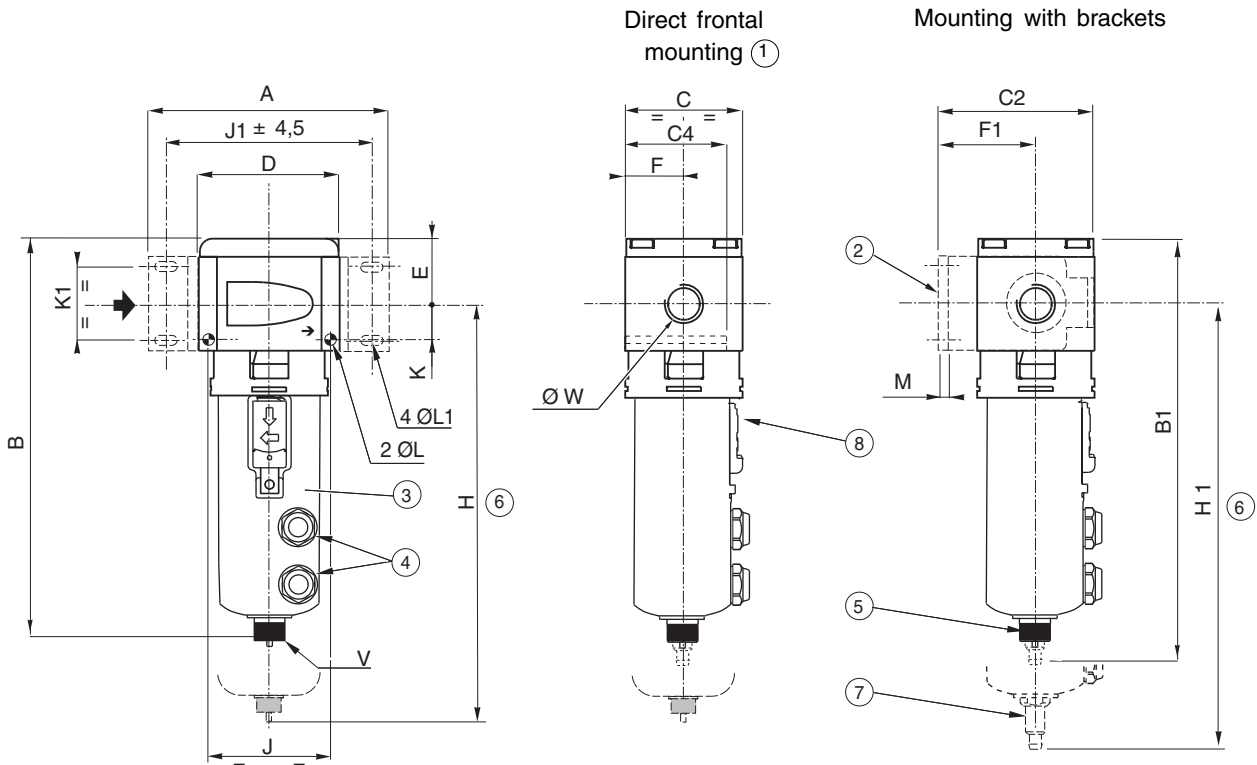
PRESSURE LOSS VERSUS AIR FLOW CURVES *



* according to ISO 6953 standards

(1) Weight without pressure gauge
(2) Weight with automatic drain

DIMENSIONS AND WEIGHTS FILTER

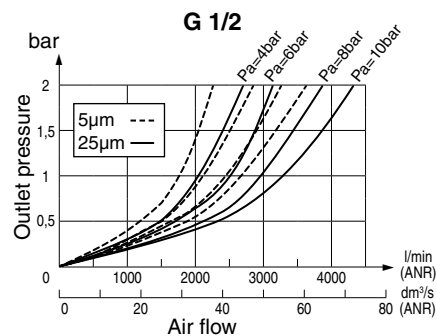
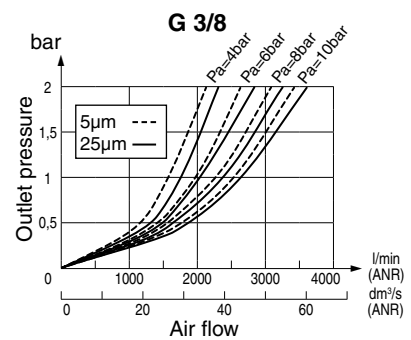
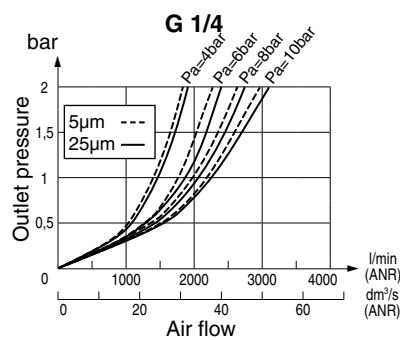


range	Modulair 112
Ø W	G1/4 G3/8 G1/2
bowl (cl)	12
A	112
B	187
B1	198
C	55
C2	73,5
C4	47,5
D	66
E	30,5
F	27,5
F1	46
H	221,5
H1	232,5
J	57
J1	96
K	17
K1	33,5
ØL	5,5
ØL1	5,5
M	4
V	G1/8
Weight (kg)	0,700 0,780 ⁽¹⁾

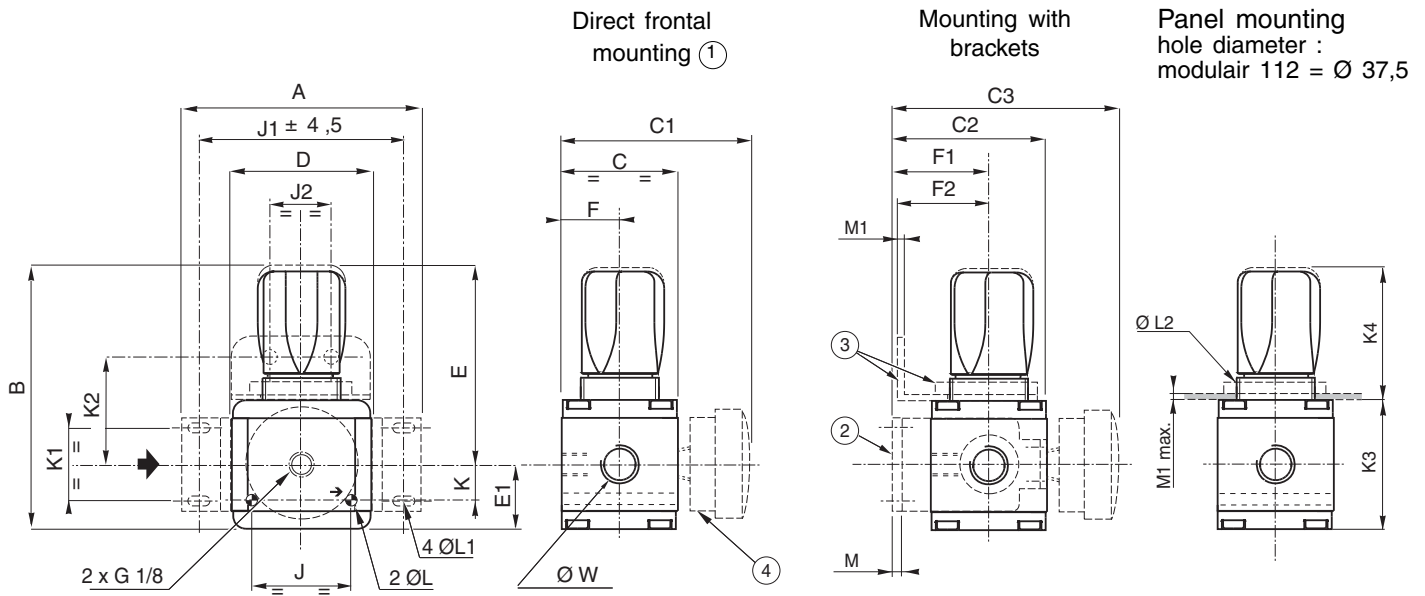
(1) weight with automatic drain

- ① Direct frontal mounting : 2 holes ØL and depth C4
- ② Mounting with 2 side brackets (accessory)
- ③ Metal bowl
- ④ Condensate level window
- ⑤ G 1/8 connectable semi-automatic drain
- ⑥ Clearance necessary for removing bowl
- ⑦ Automatic drain with fitting for connection of 6 mm ID hose
- ⑧ Bowl unlocking button

PRESSURE LOSS VERSUS AIR FLOW CURVES



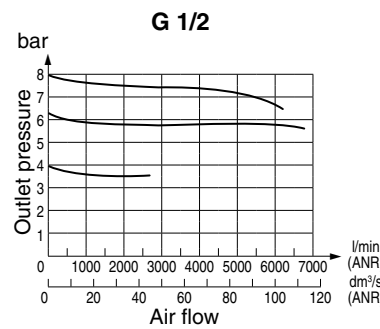
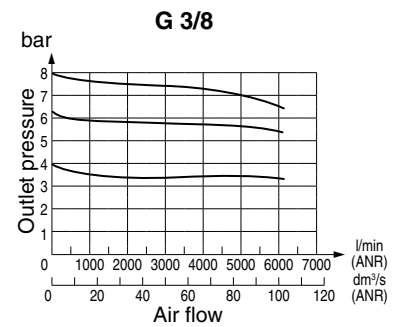
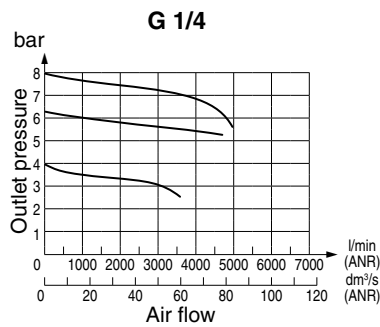
DIMENSIONS AND WEIGHTS REGULATOR



range	Modulair 112
$\varnothing W$	G1/4 G3/8 G1/2
A	112
B	125
C	55
C1	96,5
C2	73,5
C3	114,5
D	66
E	94,5
E1	30,5
F	27,5
F1	46
F2	42
J	45
J1	96
J2	29
K	17
K1	33,5
K2	42,5
K3	61
K4	64
$\varnothing L$	5,5
$\varnothing L1$	5,5
$\varnothing L2$	M37x 2
M	4
M1	2
Weight (kg)	0,550 ⁽¹⁾

- ① Direct frontal mounting : 2 holes $\varnothing L$ and depth C
- ② Mounting with 2 side brackets (accessory)
- ③ Mounting by upper bracket and mounting ring (accessories)
- ④ 50 mm dia. pressure gauge

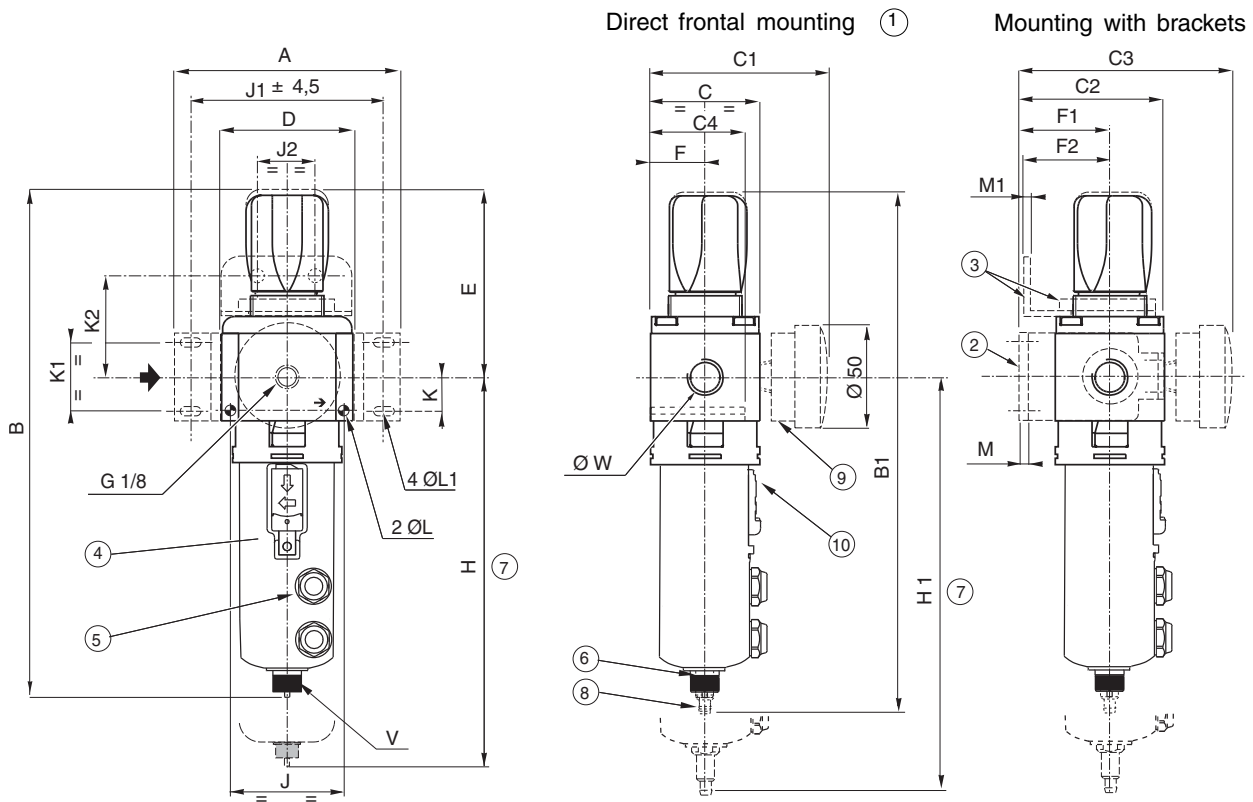
PRESSURE LOSS VERSUS AIR FLOW CURVES *



* according to ISO 6953 standards

(1) Weight without pressure gauge

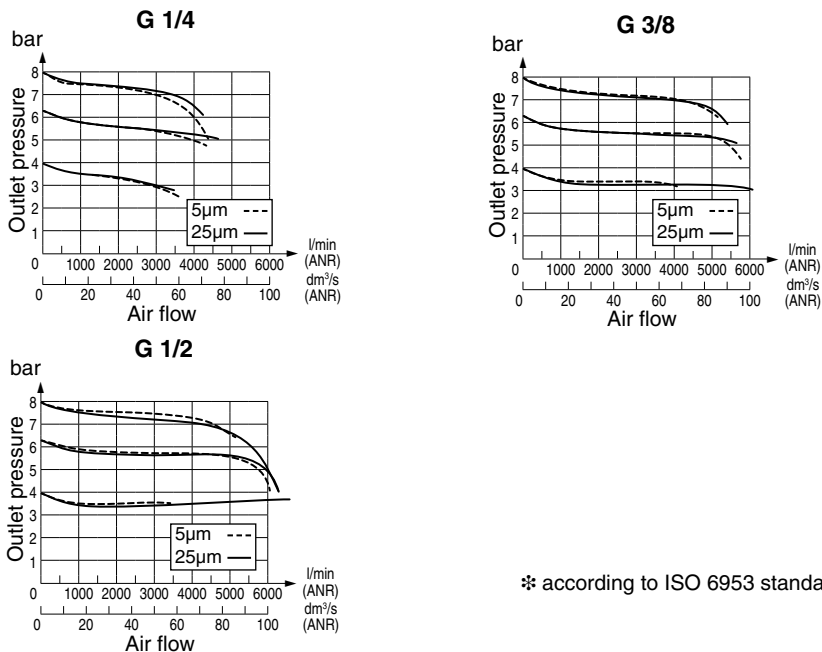
DIMENSIONS AND WEIGHTS FILTER/REGULATOR



range	Modulair 112
$\varnothing W$	G1/4 G3/8 G1/2
Bowl (cl)	12
A	112
B	248,5
B1	259,5
C	55
C1	96,5
C2	73,5
C3	114,5
C4	47,5
D	66
E	94,5
F	27,5
F1	46
F2	42
H	219
H1	230
J	57
J1	96
J2	29
K	17
K1	33,5
K2	42,5
$\varnothing L$	5,5
$\varnothing L1$	5,5
M	4
M1	2
V	G1/8
Weight	0,830 ⁽¹⁾
(kg)	0,910 ⁽²⁾

- ① Direct frontal mounting : 2 holes $\varnothing L$ and depth C4
- ② Mounting with 2 side brackets (accessory)
- ③ Mounting with top bracket and mounting ring (accessory)
- ④ Metal bowl
- ⑤ Condensate level window
- ⑥ G 1/8 connectable semi-automatic drain
- ⑦ Clearance necessary for bowl removal
- ⑧ Automatic drain with fitting for connection of 6 mm ID hose
- ⑨ 50 mm dia. pressure gauge
- ⑩ Bowl unlocking button

PRESSURE LOSS VERSUS AIR FLOW CURVES *

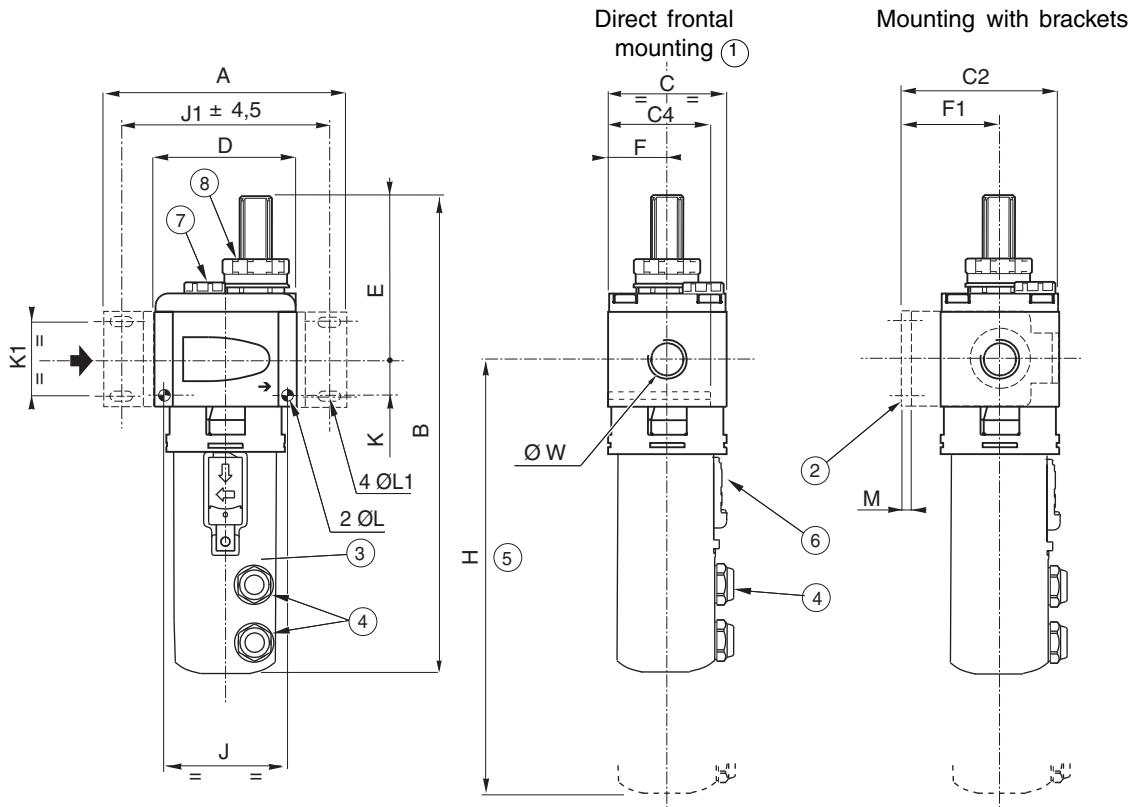


* according to ISO 6953 standards

(1) Weight without pressure gauge
(2) Weight with automatic drain

All leaflets are available on: www.asconumatics.eu

DIMENSIONS AND WEIGHTS LUBRIFICATOR



range	Modulair
	112
Ø W	G1/4 G3/8 G1/2
Bowl (cl)	12
A	112
B	216
C	55
C2	73,5
C4	47,5
D	66
E	71
F	27,5
F1	46
H	224
J	57
J1	96
K	17
K1	33,5
ØL	5,5
ØL1	5,5
M	4
Weight (kg)	0,640

- ① Direct frontal mounting : 2 holes ØL, and depth C4
- ② Mounting with 2 side brackets (accessory)
- ③ Metal bowl
- ④ Min./max. oil level window
- ⑤ Clearance necessary for bowl removal
- ⑥ Bowl unlocking button
- ⑦ Filler plug
- ⑧ Oil flow adjustment knob

PRESSURE LOSS VERSUS AIR FLOW CURVES

