



## FEATURES

- Constant and controlled lubrication: venturi-type technology with perfect oil atomisation
- Oil level control: Lubricator oil level viewing window and pressurised/unpressurised lubricator oil refilling.
- Compatible for use in major industrial environments: Metal bowl with protector

## SPECIFICATIONS

FLUID : Compressed air or neutral gas

RANGE	MODULAIR	
	107	112
PORTS	G1/8 - G1/4	G1/4...G1/2
MAX. INLET PRESSURE (bar)	at 23°C	12
	at 50°C	10
AMBIENT TEMPERATURE (°C)	0°C à +50°C	
MAX. FLOW (Qv at 6.3 bar)	See table below and charts	
MIN. START POINT	See table below	
LUBRICATION	Selective oil fog	

## INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

- MODULAIR 107 and 112 ranges
  - Lubricator oil refilling unpressurised (Modulair 107 range)
  - Lubricator oil refilling unpressurised/pressurised (Modulair 112 range)
  - Painted zamak body
  - Polycarbonate bowl (PC), UV resistant, with or without protector
  - Bowl protector with safety lock and oil level window
  - Metal bowl for Modulair 112 range (see page 26)
  - Optional polyamide bowl
  - "Pull-turn-push" locking oil flow adjustment knob

## INSTALLATION

- Systems must be installed with the bowls in vertical position
- Air flow direction indicated by arrow
- Adjust oil flow. Adjustment sight glass.
- Recommended type of oil: Non-detergent and without aggressive additives  
viscosity **VG32** (ISO 3448)

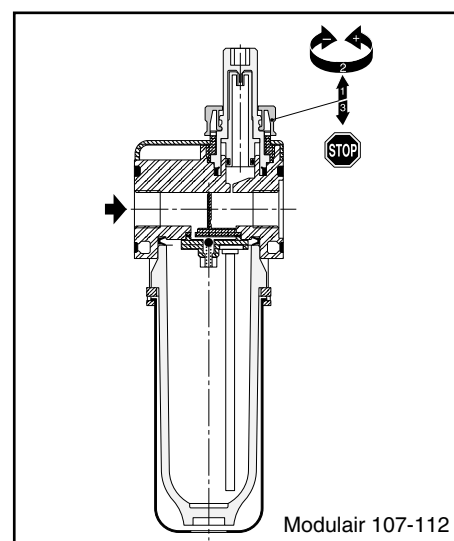
## MAINTENANCE

Use an alkaline solution (soapy water) and not a solvent for cleaning the polycarbonate bowls and sight glasses

## CHOICE OF EQUIPMENT

port size	MODULAIR range	bowl capacity (cm <sup>3</sup> )	max. oil capacity (cm <sup>3</sup> )	flow at 6.3 bar				code lubricator
				mini (1)		max.		
				l/min (ANR)	dm <sup>3</sup> /s (ANR)	l/min (ANR)	dm <sup>3</sup> /s (ANR)	
<b>Polycarbonate bowl WITH protector</b>								
G1/8	107	50	30	20	0,3	1350	22,5	34204001
G1/4	107	50	30	20	0,3	5400	91,3	34204002
G1/4	112	114	73	20	0,3	2000	33	34203270
G3/8	112	114	73	20	0,3	5500	92	34203271
G1/2	112	114	73	20	0,3	6500	70,6	34203272
<b>Polycarbonate bowl WITHOUT protector</b>								
G1/8	107	50	30	20	0,3	1350	22,5	34204005
G1/4	107	50	30	20	0,3	5400	91,3	34204006
G1/4	112	114	73	20	0,3	2000	33	34203276
G3/8	112	114	73	20	0,3	5500	92	34203277
G1/2	112	114	73	20	0,3	6500	70,6	34203278

(1) Mini d'amorçage du lubrificateur



Modulair 107-112

**ACCESSORIES** see page P710-41

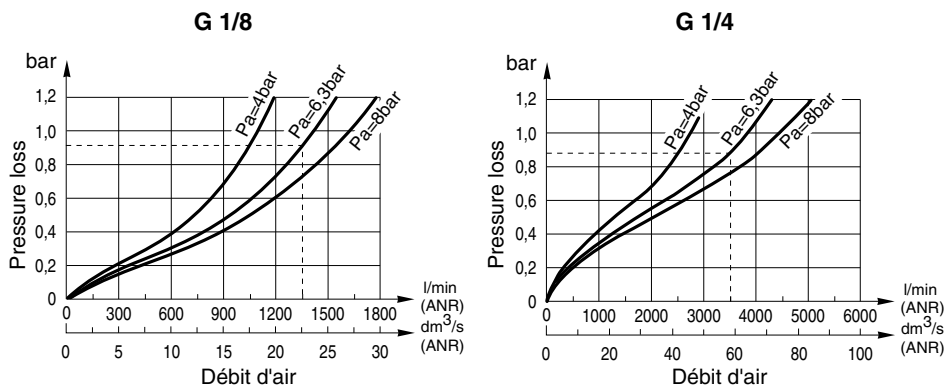
## OPTIONS

- Metal bowl for Modulair 112 range (see page 26)
- Polyamide bowl with protector, for use in solvent-charged environments (Modulair 107 and 112 ranges)
- Equipment for use in potentially **explosive atmospheres** caused by dusts or gases (ATEX Directive 94/9/EC)

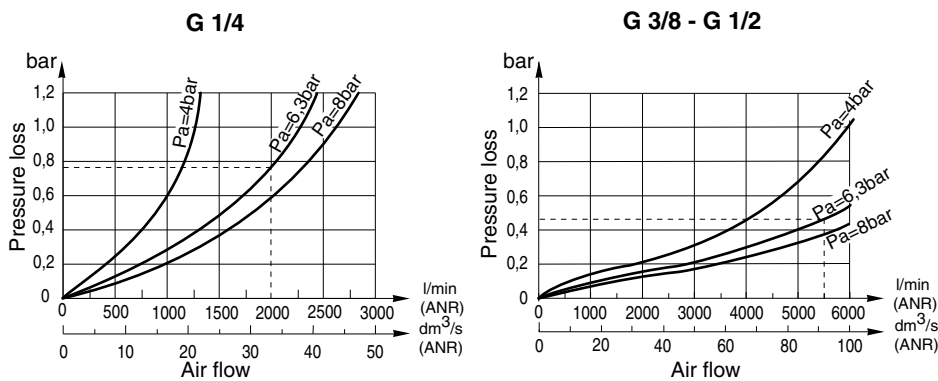
zones	Ex classification	gas group	ATEX option code			
			Modulair 107		Modulair 112	
			with bowl protector	without bowl protector	with bowl protector	without bowl protector
2-22	II3GD c T 85°C (T6)	IIA-IIB-IIC	612073		612021	
1-21	II2GD c IIB T85°C (T6)	IIB	612072		612023	
1-21	II2GD c IIC T85°C (T6)	IIC	612064	-	612062	-

## PRESSURE LOSS VERSUS AIR FLOW CURVES

### MODULAIR 107

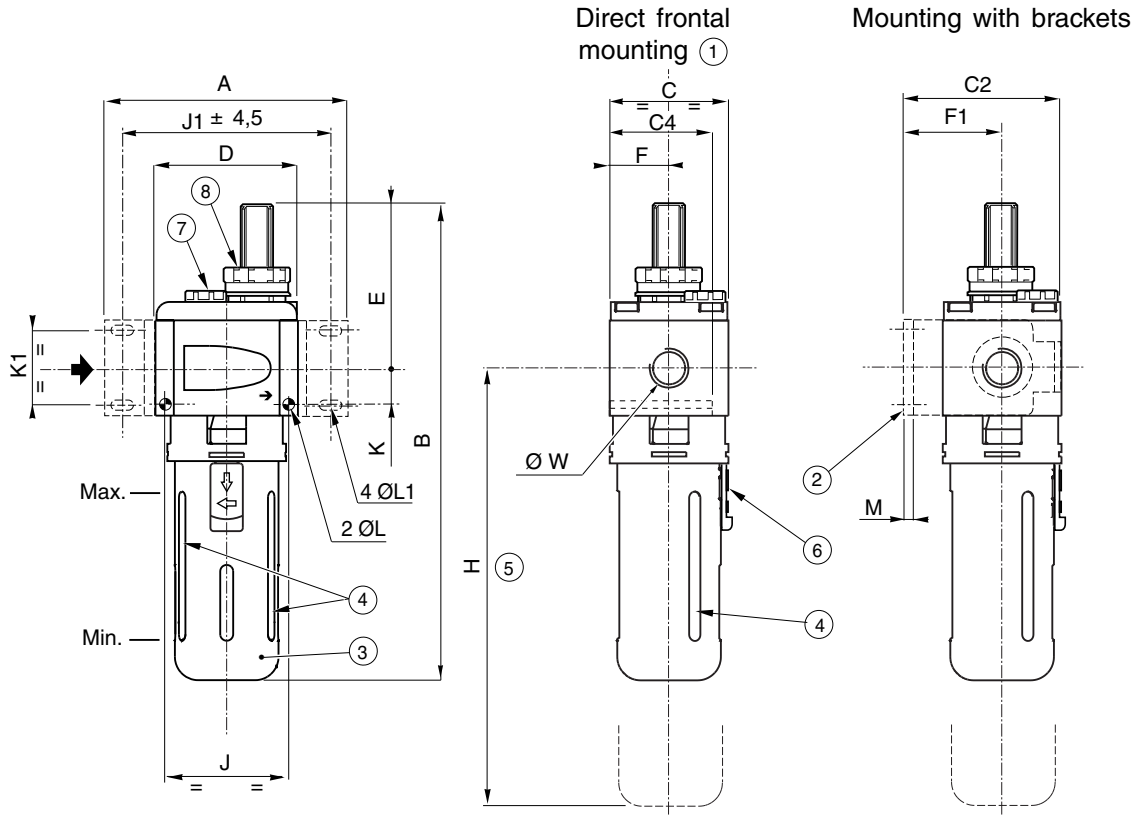


### MODULAIR 112



**DIMENSIONS AND WEIGHTS**

**MODULAIR 107 - 112**



Range	Modulair 107	Modulair 112
Ø W	G1/8	G1/4
	G1/4	G3/8
		G1/2
Bowl (cl)	7	12
A	83	112
B	187	215
C	42	55
C2	61	73,5
C4	38	47,5
D	42	66
E	65	71
F	21	27,5
F1	40	46
H	215	243
J	32	57
J1	68,5	96
K	10	17
K1	28	33,5
ØL	4,1	5,5
ØL1	4,5	5,5
M	4	4
Weight (kg)	0,350	0,640

- ① Direct frontal mounting: 2 holes of dia. L and depth C4
- ② Mounting with 2 side brackets (accessory)
- ③ Metal bowl protector with transparent polycarbonate bowl
- ④ Min./max. oil level window (long slots)
- ⑤ Clearance necessary for bowl removal
- ⑥ Protector unlocking button
- ⑦ Filler plug
- ⑧ Oil flow adjustment knob

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