

FEATURES

- Constant and controlled filtration and lubrication over a central regulating system
- Compact component for secondary pneumatic circuits
- Light weight and robust design for installation on piping systems

SPECIFICATIONS

FLUID	: Compressed air or neutral gas
PORTS	: G1/8 - G1/4
MAX. INLET PRESSURE (bar)	: 10
AMBIENT TEMPERATURE (°C)	: 0°C to +50°C
MAX. FLOW (Qv à 6,3 bar)	: see table below and charts
MIN. START POINT	: see table below
LUBRICATION	: Selective oil fog

INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

Filtering capacity: 25 µm
 Filtering element of polyethylene (PE)
 Glas-fibre reinforced polyamide body (PA)
 Polycarbonate bowl (PC), UV resistant
 Condensate drain: semi-automatic (operating pressure: min. 1.2 bar)
 Oil refilling unpressurised and screw adjustment
 Integrated by-pass module

INSTALLATION MAINTENANCE

Systems must be installed with the bowls in vertical position (at the bottom)
 Air flow direction indicated by arrow and "IN" - "OUT" marking on body (Modulair 105)
 Recommended type of oil: non-detergent and without aggressive additives, viscosity VG32 (ISO 3448)
Use an alkaline solution (soapy water) and not a solvent for cleaning the polycarbonate bowls and sight glasses

CHOICE OF EQUIPMENT

Monobloc unit

port size	MODULAIR range	bowl capacity		max. oil capacity	filtering capacity	flow (ANR)				code filtre - lubrificator Semi-automatic drain
		total	useful			mini (1)		max.		
		(cm ³)	(cm ³)	(cm ³)	(µm)	(l/min)	(dm ³ /s)	(l/min)	(dm ³ /s)	
Polycarbonate bowl WITH protector										
G1/8	105	28	10	23	25	20	0,3	830	13,8	34225193
G1/4	105	28	10	23	25	20	0,3	950	15,8	34225194
Polycarbonate bowl WITHOUT protector										
G1/8	105	28	10	23	25	20	0,3	830	13,8	34225113
G1/4	105	28	10	23	25	20	0,3	950	15,8	34225114

(1) Minimum for lubricator startup

ACCESSORIES AND OPTIONS

description	code Modulair 105
Side mounting brackets	34325005
By-pass module	integrated

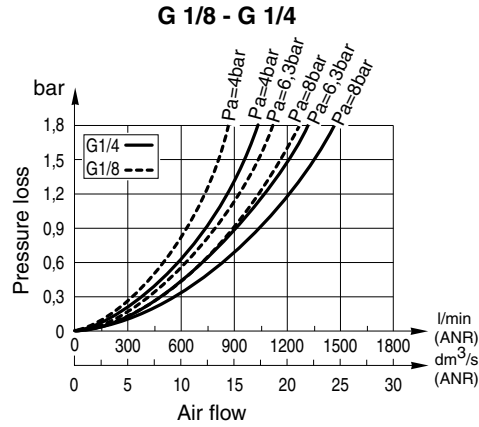
OPTIONS

- Manual drain- code **662563**
- Consult us for a filtering capacity of 5 µm
- Additional by-pass insert for 4/6 tube - code **685006**
- Equipment for use in potentially **explosive atmospheres** caused by dusts or gases (ATEX Directive 94/9/EC)

zones	⊕x classification	gas group	ATEX option code
2-22	II3GD c T 85°C (T6)	IIA-IIB-IIC	612077
1-21	II2GD c IIB T85°C (T6)	IIB	612076



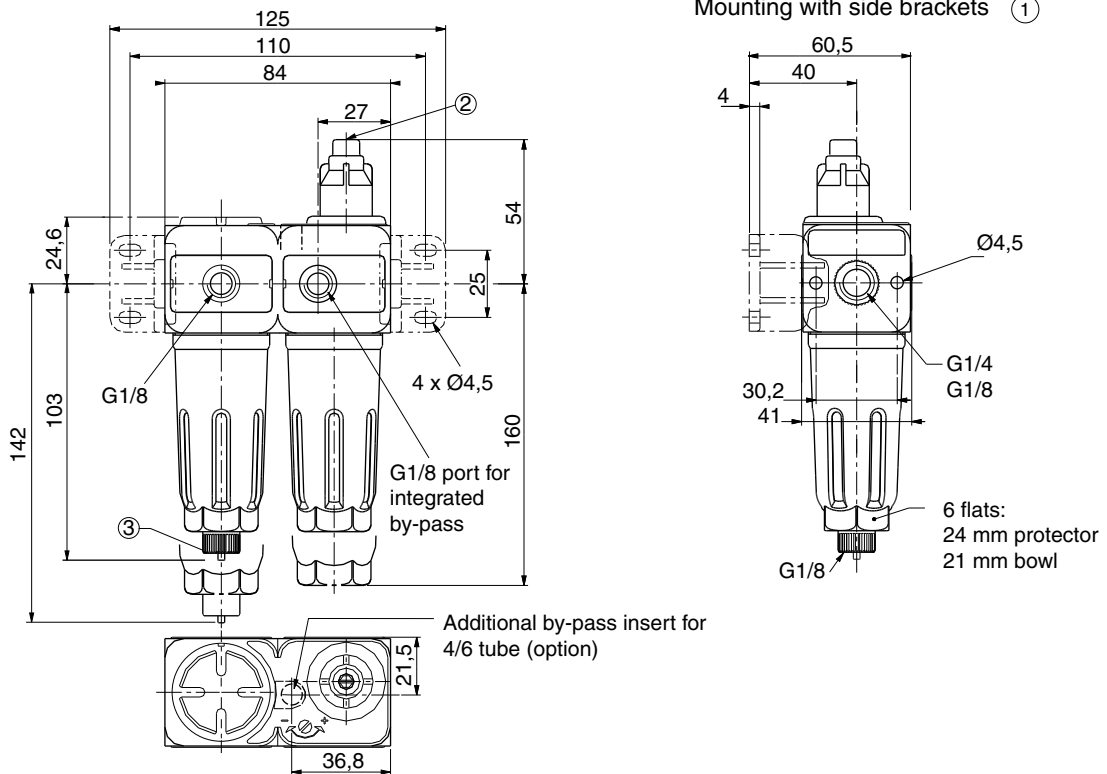
PRESSURE LOSS VERSUS AIR FLOW CURVES



DIMENSIONS AND WEIGHTS

Weight : 0,240 kg

MODULAIR 105



① Mounting by side brackets (accessory))

① Oil flow adjustment screw

③ Semi-automatic drain, connectable to G1/8 port