

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	
		total	useful			mini (1)max.				filtre - lubrificator	
(cm³)	(cm³)	(cm³)	(µm)	(l/min)	(dm³/s)	(l/min)	(dm³/s)	Semi-automatic drain			
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

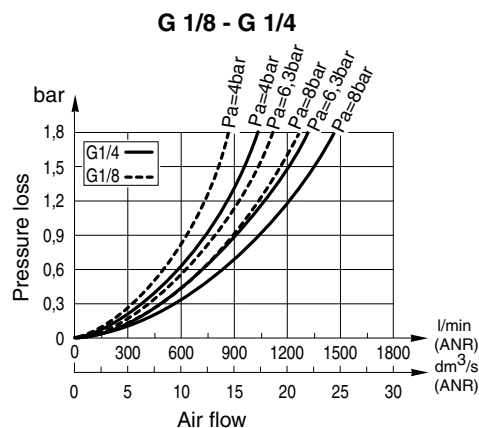
description	code Modulair 105
Side mounting brackets	34325005
By-pass module	integrated

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

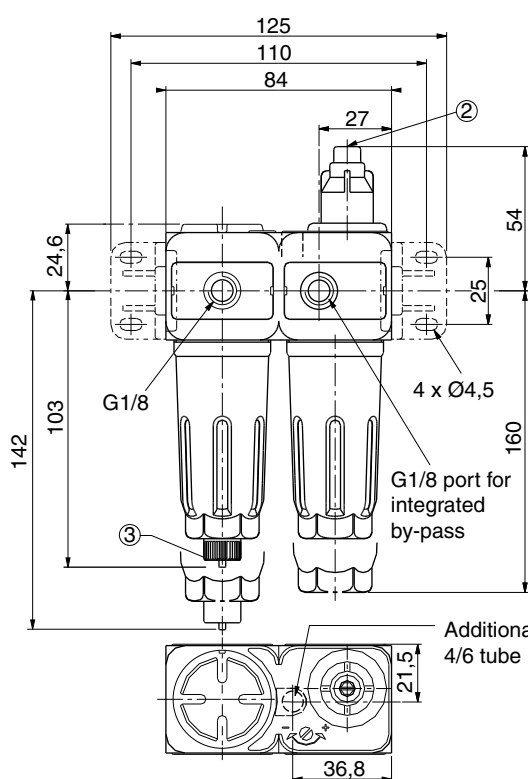
PRESSURE LOSS VERSUS AIR FLOW CURVES



DIMENSIONS AND WEIGHTS

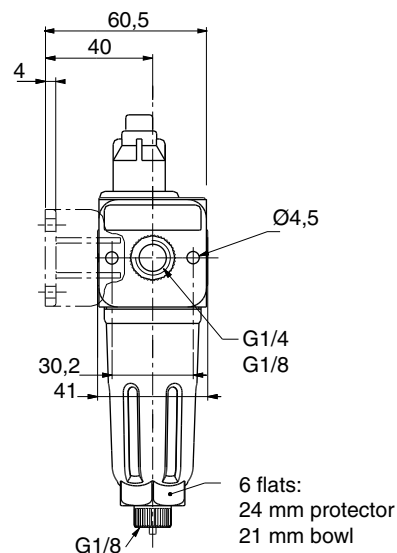
Weight : 0,240 kg

MODULAIR 105



Additional by-pass insert for 4/6 tube (option)

Mounting with side brackets ①



① Mounting by side brackets (accessory))

① Oil flow adjustment screw

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