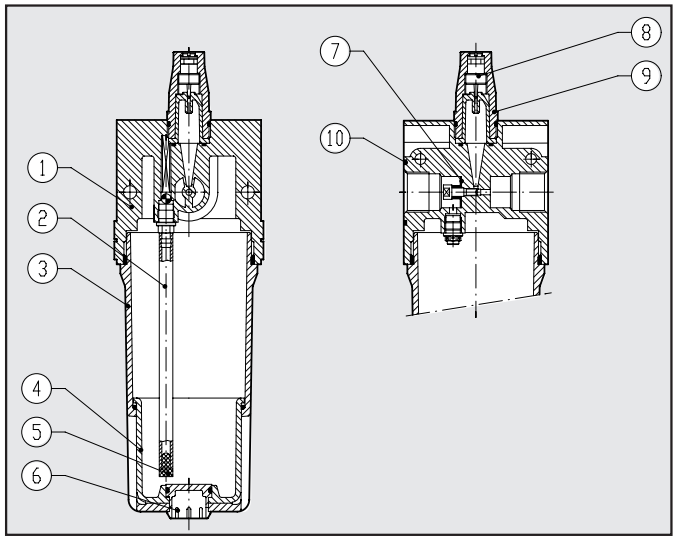
Newdeal LUBRICATOR

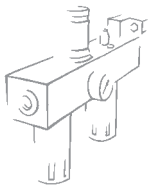
Lubricator with high lubrication stability.
- Quantity of lubricant proportioned to air flow
- Micrometric regulation of lubricant flow
- Activates at low flow rates
- All-round oil level viewing

TECHNICAL DATA		LUB ND 1/4''	LUB ND 3/8''	LUB ND 1/2''	LUB ND 3/4''	LUB ND 1''
Threaded port		1/4''	3/8''	1/2''	3/4''	1''
Type of lubrication		mist				
Bowl capacity	cm^3	50	150		380	
Max. inlet pressure		1.8 MPa - 18 bar - 261 psi				
Flow rate at 6.3 bar (0.63 MPa÷91 psi)	Nl/min	700	3000		12800	
ΔP 0.5 bar (0.05 MPa÷7 psi)	scfm	25	107		452	
Flow rate at 6.3 bar (0.63 MPa÷91 psi)	Nl/min	1100	4300		16000	
ΔP 1 bar (0.1 MPa÷14 psi)	scfm	39	153		565	
Fluid		Filtered compressed air				
Max temperature at 1 MPa; 10 bar; 145 psi		50°C - 122°F				
Weight	Kg	0.4	0.9		1.3	
Wall fixing screws		M4x40	M4x55		M6x75	
Mounting position		Vertical				
Notes:		• Use the screw provided to set the drip rate to drop every 300-600 Nl.				
		• Fit the lubricator as close as possible to the point of use				
		• Fill the bowl with oil before pressurizing the system				
		• Do not use cleaning oil, brake fluid or solvents in general				
		• Recommended lubricants:				
		ISO and UNI FD22 - E.g. Energol HLP 22 (BP) - Spinesso 22 (Esso) - Mobil DTE 22 (Mobil) - Tellus Oil 22 (Shell)				
On request:		• Automatic filling lubricator and minimum level lubricator.				

COMPONENTS:

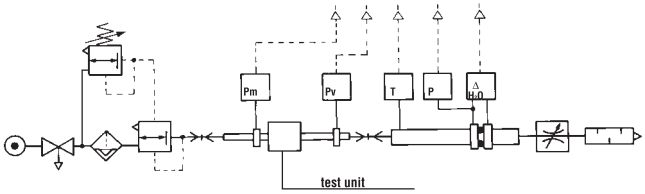
① Zamak body
② Rilsan oil suction pipe
③ Aluminium bowl
④ Clear technopolymer bowl
⑤ Filter
⑥ Technopolymer plug
⑦ Venturi NBR diaphragm
⑧ OT 58 brass oil flow regulation needle
⑨ Clear technopolymer cover
⑩ NBR gaskets





FLOW CHARTS

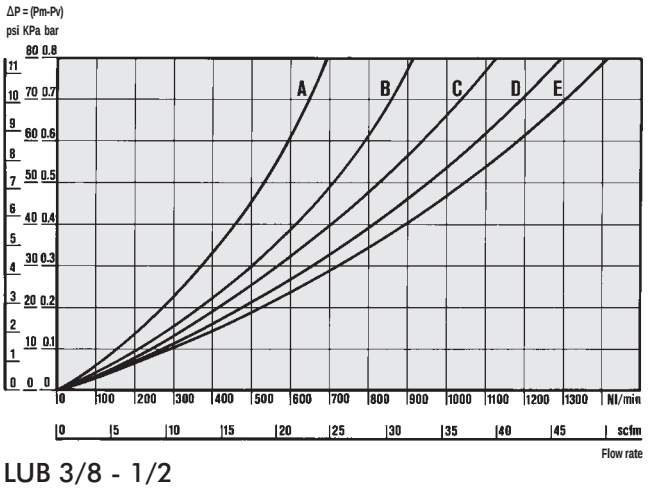
Department of Mechanics
Turin Polytechnic

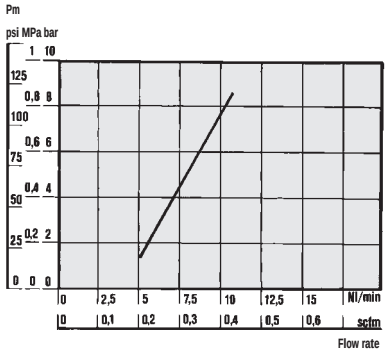


• Flow tests carried out at the Department of Mechanics, Turin Polytechnic, using the computerized test bench following CETOP RP50R recommendations (ISO DIS 6358-2-approved) with ISO 5167 diaphragm gauge.

(A) = 2 bar - 0,2 MPa - 29 psi
(B) = 4 bar - 0,4 MPa - 58 psi
(C) = 6 bar - 0,6 MPa - 87 psi
(D) = 8 bar - 0,8 MPa - 116 psi
(E) = 10 bar - 1 MPa - 145 psi

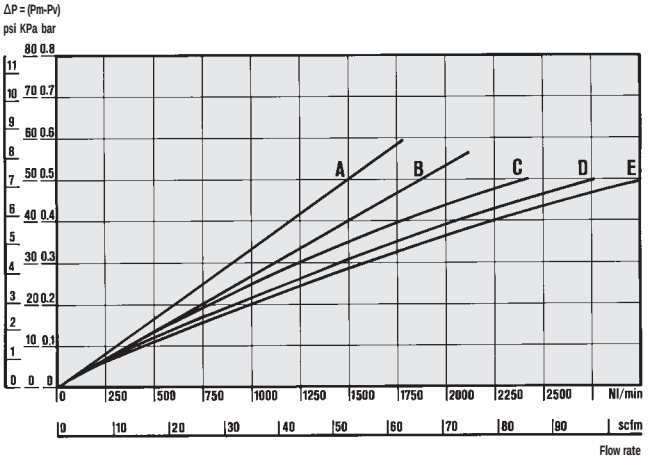
LUB 1/4

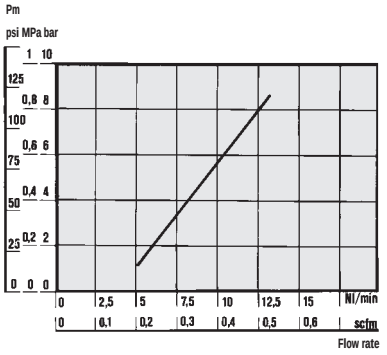




• MINIMUM ACTIVATION FLOW CHARTS
The minimum activation flow charts were carried out in compliance with ISO/DP 6301/2

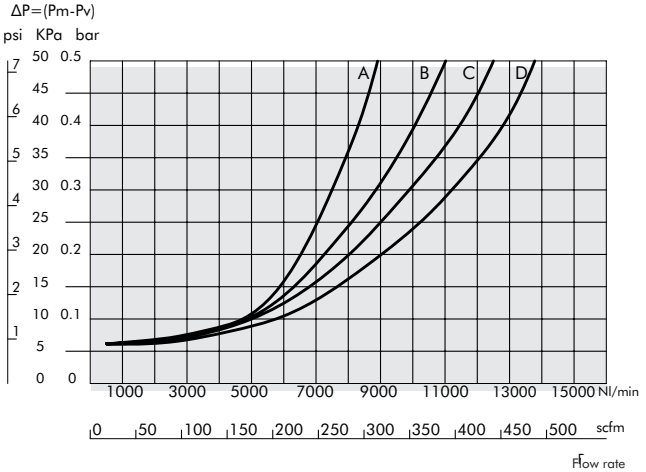
LUB 3/8 - 1/2

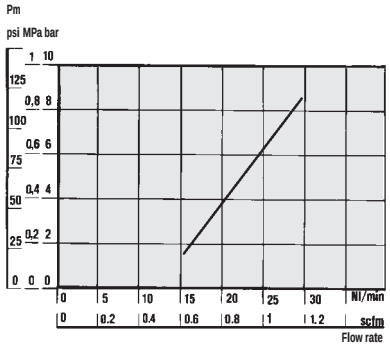




• MINIMUM ACTIVATION FLOW CHARTS
The minimum activation flow charts were carried out in compliance with ISO/DP 6301/2

LUB 3/4 - 1"





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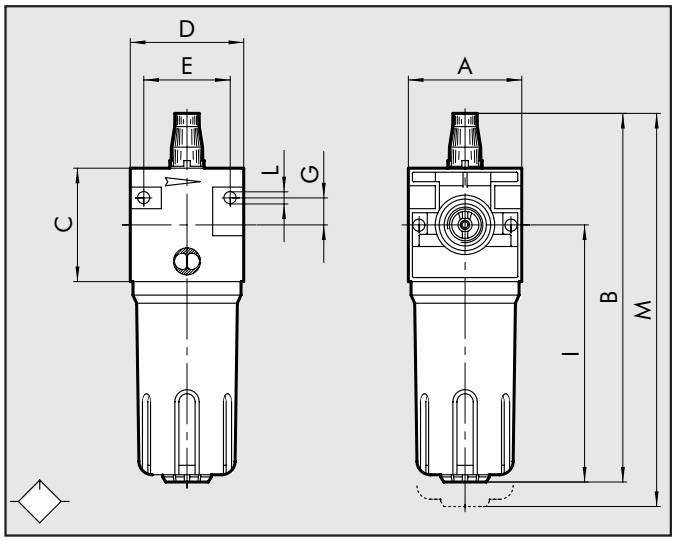
DIMENSIONS



	G 1/4	G 3/8	G 1/2	G 3/4	G 1"
A	42	60		80	
B	156	195		260	
C	42	60		80	
D	42	60		80	
E	32	46		66	
G	10	14		22	
I	107	136		182	
L	M4 hole	M4 hole		M6 hole	
M	176	220		290	

ORDERING CODES

Code	Description
1223001	LUB 1/4 N TMV
1323001	LUB 3/8 N TMV
1423001	LUB 1/2 N TMV
1523001	LUB 3/4 N TMV
1623001	LUB 1 N TMV

NOTES