

Modular Series NL

Technical data



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Air service unit, 2-in-1, NL 6, G 3/4 - G 1

Rexroth
Bosch Group



Technical Data

Type	Filter Pressure regulator Lubricator	Filter insert: cellpor, exchangeable Diaphragm-type pressure regulator with secondary air exhaust Normal mist lubricator: inspection glass with slotted screw for oil metering. Can be filled with oil during operation
Supply pressure		See table
Secondary pressure		10 bar (145 psi)
Nominal flow Q _n		See table
secondary pressure = 6 bar (87 psi) and Δp = 1 bar (15 bar)		
Ambient temperature		+50 °C (+122 °F)
Medium		Compressed air
Weight		See table
Materials	Body Reservoir	Al - diecasting (chromized and black stove enamelled) Metal, with inspection glass, with bayonet lock Polycarbonate
Reservoir capacity	Filter Lubricator	125 cm ³ (4.23 U.S. Fl.oz.) 450 cm ³ (15.2 U.S. Fl.oz.)
Filter porosity		40 μm

Filter for separating solid impurities up to 40 μm from compressed air and gases
Oil type: HL 68 (DIN 51 524 - ISO VG 68)
Standard values for oil metering: 1-2 drops / min at a nominal flow rate of Q_n = 1000 l / min (35.30 SCFM)
Protective guard (only for polycarbonate reservoir): sheet metal, can be retrofitted
Installation position: vertical
Plastic containers may only be cleaned with water, soap suds, and other similar, neutral agents.



Part no.

Symbol	Threaded ports	Nominal flow Q _n [l/min] (SCFM)	Supply pressure [bar] (psi)	With options	Weight [kg] (lbs)	Part no. with pressure gauge
	G 3/4	10500 (371)	0,5 - 16 (7-232)	Semi-automatic condensate drain, metal, with inspection glass	4,130 (9.105)	0821300873
	G 1	10500 (371)	0,5 - 16 (7-232)	Semi-automatic condensate drain, metal, with inspection glass	4,130 (9.105)	0821300879
	G 3/4	10500 (371)	0,5 - 16 (7-232)	Semi-automatic condensate drain, polycarbonate	3,830 (8.444)	0821300871
	G 1	10500 (371)	0,5 - 16 (7-232)	Semi-automatic condensate drain, polycarbonate	3,830 (8.444)	0821300877
	G 3/4	10500 (371)	0,5 - 16 (7-232)	Semi-automatic condensate drain, polycarbonate, with protective guard	3,930 (8.664)	0821300872
	G 1	10500 (371)	0,5 - 16 (7-232)	Semi-automatic condensate drain, polycarbonate, with protective guard	3,930 (8.664)	0821300878
	G 3/4	10500 (371)	2 - 16 (29-232)	Fully automatic condensate drain, metal, with inspection glass	4,160 (9.171)	0821300876
	G 1	10500 (371)	2 - 16 (29-232)	Fully automatic condensate drain, metal, with inspection glass	4,160 (9.171)	0821300882
	G 3/4	10500 (371)	2 - 16 (29-232)	Fully automatic condensate drain, polycarbonate	3,860 (8.510)	0821300874
	G 1	10500 (371)	2 - 16 (29-232)	Fully automatic condensate drain, polycarbonate	3,860 (8.510)	0821300880
	G 3/4	10500 (371)	2 - 16 (29-232)	Fully automatic condensate drain, polycarbonate, with protective guard	3,960 (8.730)	0821300875
	G 1	10500 (371)	2 - 16 (29-232)	Fully automatic condensate drain, polycarbonate, with protective guard	3,960 (8.730)	0821300881

Accessories (to be ordered separately)

Spare parts kit: see filter pressure regulator valve NL 6 and normal mist lubricator NL 6
Mounting bracket kit, 1821336017
Block assembly kit, 1827009593
Pneumatic oil, 1 litre, 1829990046