

Modular Series NL

Filter, NL 4, G 3/8 - G 3/4

Rexroth
Bosch Group



Technical Data

Type		Filter insert: cellpor, exchangeable
Supply pressure		See table
Ambient temperature		+50 °C (+122 °F)
Medium		Compressed air
Weight		See table
Materials	Body	Zn - diecasting (chromized and black stove enamelled)
	Reservoir	Metal, with inspection glass, with bayonet lock Polycarbonate
Reservoir capacity	Filter	50 cm ³ (1.69 U.S. Fl.oz.)
Filter porosity		5 µm

Filter for separating solid impurities up to 5 µm from compressed air and gases
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.
	G 3/8	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, metal, with inspection glass	1,225 (2.701)	0821303522
	G 1/2	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, metal, with inspection glass	1,225 (2.701)	0821303502
	G 3/4	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, metal, with inspection glass	1,225 (2.701)	0821303542
	G 3/8	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, polycarbonate	0,798 (1.759)	0821303520
	G 1/2	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, polycarbonate	0,798 (1.759)	0821303500
	G 3/4	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, polycarbonate	0,798 (1.759)	0821303540
	G 3/8	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, polycarbonate, with protective guard	0,890 (1.962)	0821303521
	G 1/2	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, polycarbonate, with protective guard	0,890 (1.962)	0821303501
	G 3/4	4000 (141)	0,5 - 16 (7–232)	Semi-automatic condensate drain, polycarbonate, with protective guard	0,890 (1.962)	0821303541
	G 3/8	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, metal, with inspection glass	1,291 (2.846)	0821303525
	G 1/2	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, metal, with inspection glass	1,291 (2.846)	0821303505
	G 3/4	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, metal, with inspection glass	1,291 (2.846)	0821303545
	G 3/8	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, polycarbonate	0,864 (1.905)	0821303523
	G 1/2	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, polycarbonate	0,864 (1.905)	0821303503
	G 3/4	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, polycarbonate	0,864 (1.905)	0821303543
	G 3/8	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, polycarbonate, with protective guard	0,956 (2.108)	0821303524
	G 1/2	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, polycarbonate, with protective guard	0,956 (2.108)	0821303504
	G 3/4	4000 (141)	2 - 16 (29–232)	Fully automatic condensate drain, polycarbonate, with protective guard	0,956 (2.108)	0821303544

Accessories (to be ordered separately)

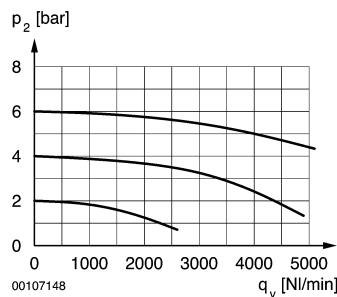
Filter reservoir, 1827009XXX
Protective guard (only for polycarbonate reservoir), 1820507001
Filter insert, 5 µm, 1829207070
Mounting bracket kit, 1821336007
Mounting screws for wall assembly (DIN 912; M5x85), 1823414014
Block assembly kit, 1827009360

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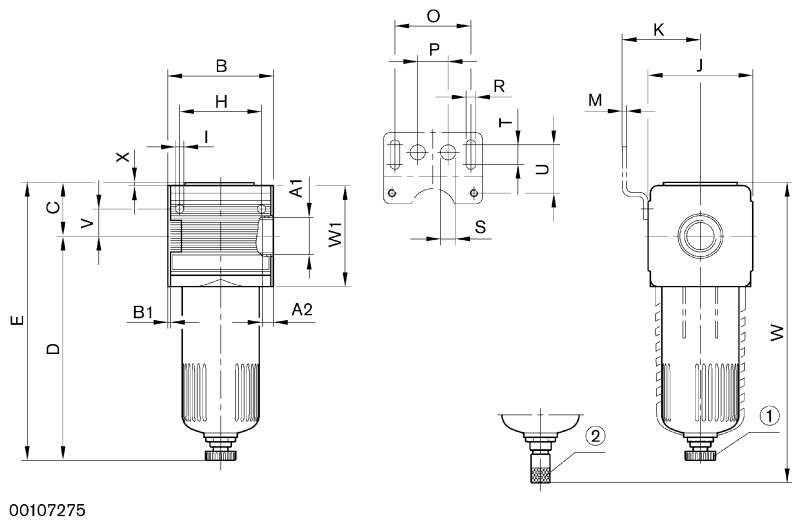
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Flow rate characteristic



p_1 = Supply pressure; p_2 = Secondary pressure; q_v = Nominal flow



- 1) Semi-automatic condensate drain
- 2) Fully automatic condensate drain

A1	A2	B	B1	C	D	E	H	I	J	K	M	O	P	R	S	T	U	V	W	W1	X
G 3/8	13	69,6	1,8	36,5	146,5	183	54	5,5	69	54,5	3	50	20	6,4	10	13	33	18	201	67	3
G 1/2	13	69,6	1,8	36,5	146,5	183	54	5,5	69	54,5	3	50	20	6,4	10	13	33	18	201	67	3
G 3/4	13	69,6	1,8	36,5	146,5	183	54	5,5	69	54,5	3	50	20	6,4	10	13	33	18	201	67	3