



# PNEUMATIC CONTROL GREASE PUMP

## CHARACTERISTICS

- SINGLE ACTING PNEUMATIC PUMP
- PUMP FLOW RATE: 0.5 a 2 cm<sup>3</sup> PER STROKE
- COMPRESSION RATIO: 50:1;
- 3 TYPES OF RESERVOIRS
- STANDARD MINIMUM LEVEL CONTACT;
- GREASE PUMP

## PNEUMATIC CONTROL GREASE PUMPS

### SIMPLE OPERATION CONTROL PUMP

Robust, highly reliable pumps, comprising a steel pump body, tempered and lapped piston and a pneumatic control cylinder in which a piston slides with an anti-polish rubber gasket.

The control requires a 3-way valve (available on request), with code 0045273 (110V 50Hz), code 0045274 (220V 50Hz), code 0045275 (24V 50Hz) and code 0045297 (24V DC).

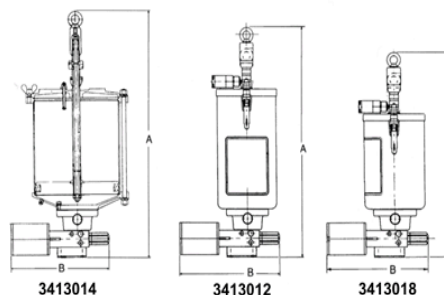
Depending on the reservoir, the pumps are available in three models:

- Reservoir with pressure disk** (with or without spring) fixed to the level indicator rod (variable height).
- Reservoir with level indicator rod** and sliding pressure disk along the rod (fixed height).
- Pressurised reservoir** for very hard grease pumping.



TECHNICAL CHARACTERISTICS	
AIR OPERATING PRESSURE	0.3 mpA (3 BAR) MIN. 0.8 mpA (8 BAR) MAX
Compression ratio	50:1
Adjustable flow rate	0.5 to 2 cm <sup>3</sup> per stroke
Outlet connection lubricant	Rp ¼ UNI-ISO 7/1
Compressed air inlet	G 1/8 UNI-ISO 228/1 – tube seat Ø 6
Reservoir filling valve	G 1/20 UNI-ISO 228/1

## ORDER INFORMATION AND DIMENSIONS



PART NUMBER	RESERVOIR Kg. (lb)	LUBRICANT	HEIGHT mm. (in.)	WIDTH mm. (in.)	DEPTH mm. (in.)	WEIGHT Kg. (lb)	CHARACTERISTICS
<b>MODEL A: PUMPS WITH SOLID LEVEL ROD PRESSURE DISK (VARIABLE HEIGHT)</b>							
3413002	5 (11)	NLGI 1	524/754* (20/29.7)	280 (11)	170 (6.7)	11.5 (25.36)	Minimum level electrical contact
3413055	5 (11)	NLGI 2	524/754* (20/29.7)	280 (11)	170 (6.7)	11.5 (25.36)	Minimum level electrical contact
3413001	2 (4.4)	NLGI 2	579/864* (22.8/34)	280 (11)	150 (5.9)	7.7 (16.98)	With spring with no minimum level electrical contact
3413003	1 (2.2)	NLGI 2	357/454*(14.1/17.9)	280 (11)	150 (5.9)	6.2 (13.67)	With spring with no minimum level electrical contact
3413007	1 (2.2)	NLGI 1	334/474*(13.1/18.7)	280 (11)	150 (5.9)	5.3 (11.68)	With no minimum level electrical contact
<b>MODEL B: PUMPS WITH PRESSURE DISK SLIDING ALONG ROD (FIXED HEIGHT)</b>							
3413014	10 (22)	NLGI 1	885 (34.8)	280 (11)	310 (12.2)	26.5 (58.43)	With no minimum level electrical contact
3413012	5 (11)	NLGI 1	558 (22)	280 (11)	160 (6.3)	11.8 (26.02)	Minimum level electrical contact
3413016	5 (11)	NLGI 1	558 (22)	280 (11)	170 (6.7)	12 (26.45)	With minimum level electrical contact and loading filter
3413018	3 (3.3)	NLGI 1	498 (19.6)	280 (11)	160 (6.3)	11.2 (24.70)	Minimum level electrical contact
<b>MODEL C: PUMP WITH PRESSURISED RESERVOIR</b>							
3413019	10 (22)	NLGI 3	990 (39)	280 (11)	192 (7.6)	27.3 (60.20)	Minimum level electrical contact
3413005	5 (11)	NLGI 3	680 (26.8)	280 (11)	192 (7.6)	19.5 (43.00)	Minimum level electrical contact

\*The two height values refer to an empty/full reservoir.

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Dropsa products can be purchased at Dropsa branches and authorised distributors. Go to [www.dropsa.com/contact](http://www.dropsa.com/contact) or write to [sales@dropsa.com](mailto:sales@dropsa.com)

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