

5-kg Reservoir - Part. No. 3044125  
10-kg Reservoir - Part. No. 3044126

Registered

### DESCRIPTION

This new type of reservoir has been specifically designed to obviate all the difficulties that are normally associated with the use of contaminated, non-deaerated greases with low penetration indexes.

It consists of a ground cylinder, a piston with a double seal gasket, a level-gauge rod, an electric minimum-level indicator, a relief valve and a pump-mounting flange complete with filter and filler valve.

These reservoirs may be installed on several types of grease pumps in ACCUMO, SERIAL or DUAL-LINE systems through appropriate connecting flanges.

### FILLING

As a rule, a filling pump should be used, employing a grease having a 250 ASTM penetration index or higher, under a 2 bar. pressure and a work temperature in the  $-30^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$  range.

When the reservoir is filled for the first time, the air bleeder screw A should be loosened after the appropriate pressure has been established in the reservoir.

As the red mark becomes visible on the gauge rod B, the reservoir is full. Should more grease be forced in, it would emerge from the relief valve C, which is set to open under a 6 bar. pressure.

No pressurizing air should be bled during subsequent fillings.

### MINIMUM LEVEL

This is indicated when the green mark is no longer visible on the gauge rod D.

The minimum level is likewise signalled by the electric limit switch E.

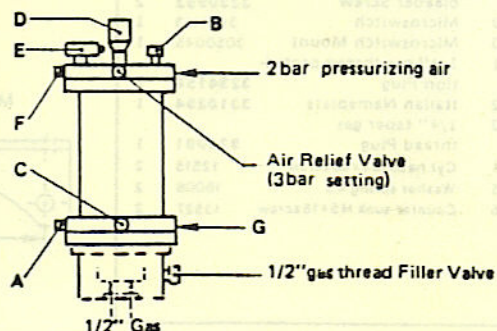
When the minimum level is reached, there are still 500 grams of grease in the reservoir.

### MAXIMUM LEVEL

This is indicated when the red mark appears on gauge rod D. A microswitch (Part.No.3164113) with its own mount (Part.No. 3050045) is available on request for electric maximum-level signalling.

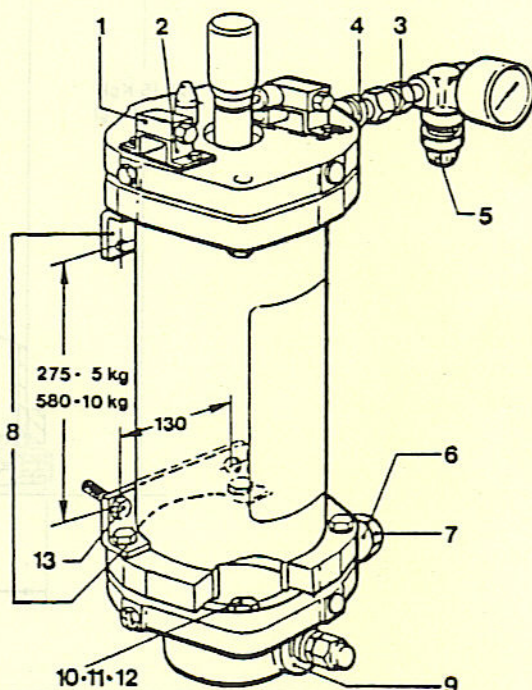
**NOTE** - Filling the reservoir manually is NOT recommended. Should manual filling be required in an emergency, proceed as follows:

- loosen bleeder screw F to let off the pressure
- pump in low-pressure air through G until the red mark on rod B becomes visible (pressure plate in its uppermost position)
- bleed off air through G, remove the upper flanges and take out the pressure plate
- fill the reservoir with grease, stirring thoroughly to prevent air bubble formation - then re - assemble with care.



### SPECIFICATIONS

- Air feeding pressure: 2 bar (use purified, lubricated air if at all possible)
- Air relief valve setting: 3bar
- Grease relief valve setting: 6 bar
- Sealed microswitches
- Cast light alloy heads
- Flange with 1/2" gas thread bottom hole complete with 200-micron metal mesh strainer and 1/2" male gas thread reservoir-filler fitting.



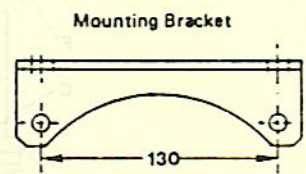
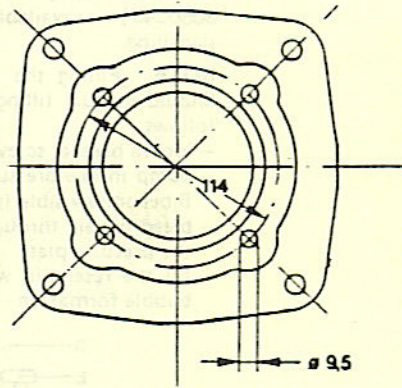
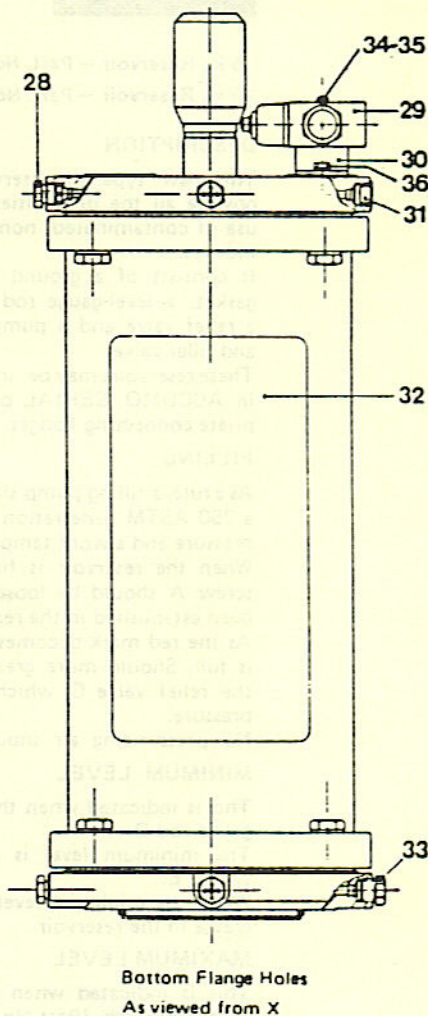
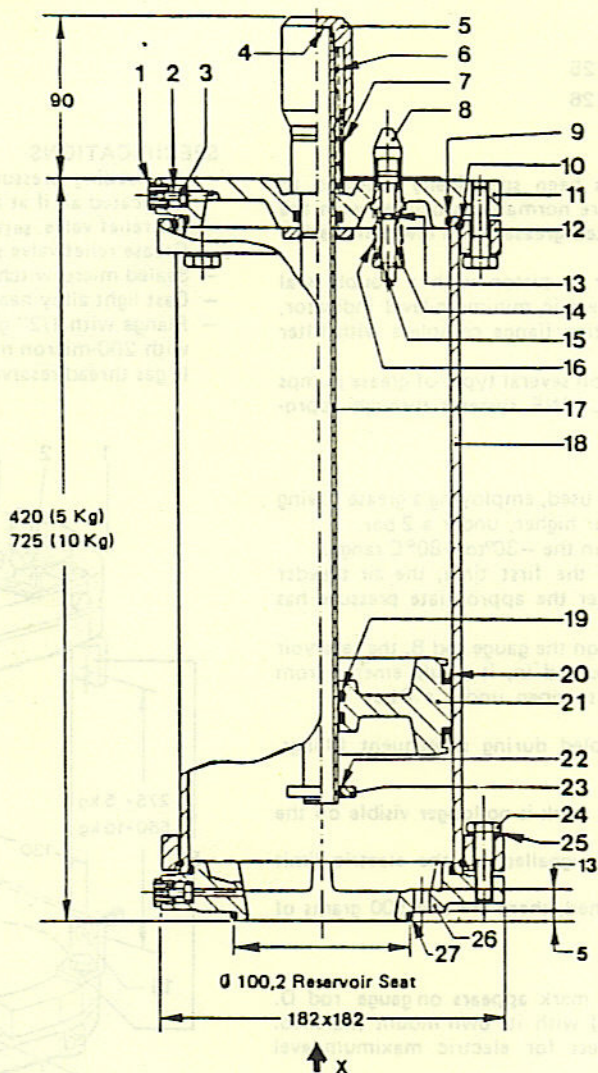
### ACCESSORIES

| Ref. | Description   | Part.No. |
|------|---|----------|
| 1    | Microswitch, max. level warning, sealed   | 3164113  |
| 2    | Support for 1   | 3050045  |
| 3    | 1/4" gas thread Nipple  | 3076982  |
| 4    | 1/4" gas thread quick coupling  | 919024   |
| 5    | 1/4" gas thread pressure Regulator  | 3294105  |
| 6    | 1/4" gas thread quick coupling  | 919024   |
| 7    | 1/4" gas thread Plug  | 926001   |
| 8    | 2 Wall Mtg. Brackets (130x275 mm hole centers for 5-Kg reservoirs - 130x580-mm hole centers for 10-Kg reservoirs)                                   | 3049131  |
| 9    | Flange with bottom fitting hole with 1/2" gas thread equipped with 200-micron mesh metal strainer and 1/2" male gas thread reservoir-filler fitting | 3045058  |
| 10   | 4 M6x30 Screws  | 3230903  |
| 11   | 4 adapter Bushes  | 3008154  |
| 12   | 4 gaskets   | 158015   |
| 13   | 4 M10x20 hex. head wall-mtg. Screws   | 11417    |



3044125  
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5- and 10-KG PRESSURIZED GREASE RESERVOIRS SUITABLE  
FOR "SERIAL", "ACCUMO" AND "DUAL LINE"  
LUBRICATING SYSTEMS INSTRUCTION SHEET



| Ref. | Description                     | Part. No. | Q.ty |
|------|---------------------------------|-----------|------|
| 1    | 1/4" gas thread plug            | 3234093   | 2    |
| 2    | Spring                          | 3191155   | 2    |
| 3    | Rod with gasket                 | 3002071   | 2    |
| 4    | Aluminum Gasket                 | 125021    | 1    |
| 5    | Bush                            | 3008156   | 1    |
| 6    | Spring                          | 3191148   | 1    |
| 7    | Bush                            | 3008155   | 1    |
| 8    | Level Gauge Rod                 | 3002069   | 1    |
| 9    | Gaco-OR Gasket                  | 61245     | 2    |
| 10   | Elastic Retainer Ring           | 3005124   | 2    |
| 11   | Top Flange                      | 3045055   | 1    |
| 12   | Counter-Flange                  | 3045057   | 2    |
| 13   | Gaco-OR Gasket                  | 19103     | 1    |
| 14   | Bush                            | 3008152   | 1    |
| 15   | Ring                            | 60954     | 1    |
| 16   | Spring                          | 3191147   | 1    |
| 17   | Guide Rod —<br>5-kg reservoirs  | 3002072   | 1    |
| 17   | Guide Rod —<br>10-kg reservoirs | 3002073   | 1    |
| 18   | Cylinder — 5-kg<br>reservoirs   | 3113117   | 1    |
| 18   | Cylinder — 10-kg<br>reservoirs  | 3113118   | 1    |

| Ref. | Description                          | Part.No. | Q.ty |
|------|--------------------------------------|----------|------|
| 19   | Gasket                               | 3190186  | 3    |
| 20   | Gaco Gasket                          | 53258    | 2    |
| 21   | Pressure Plate                       | 3131106  | 1    |
| 22   | Split Ring                           | 60960    | 2    |
| 23   | Ring                                 | 3005123  | 2    |
| 24   | Hex. head Screw                      | 3230940  | 8    |
| 25   | Washer                               | 16086    | 8    |
| 26   | Bottom Flange                        | 3045056  | 1    |
| 27   | Parker Gasket                        | 3190185  | 1    |
| 28   | 1/4" gas thread air<br>bleeder Screw | 3230992  | 2    |
| 29   | Microswitch                          | 3164113  | 1    |
| 30   | Microswitch Mount                    | 3050045  | 1    |
| 31   | 1/4" gas thread protec-<br>tion Plug | 3234156  | 1    |
| 32   | Italian Nameplate                    | 3310254  | 1    |
| 33   | 1/4" taper gas'<br>thread Plug       | 926001   | 1    |
| 34   | Cyl. head M4x40 screw                | 12515    | 2    |
| 35   | Washer spring 4.3                    | 16006    | 2    |
| 36   | Counter sunk M5x16 screw             | 13527    | 2    |