

Spare Parts List

[illegible]

Spare Parts List

Description:

Pneumatic Driving Machine

Part and drawing number:

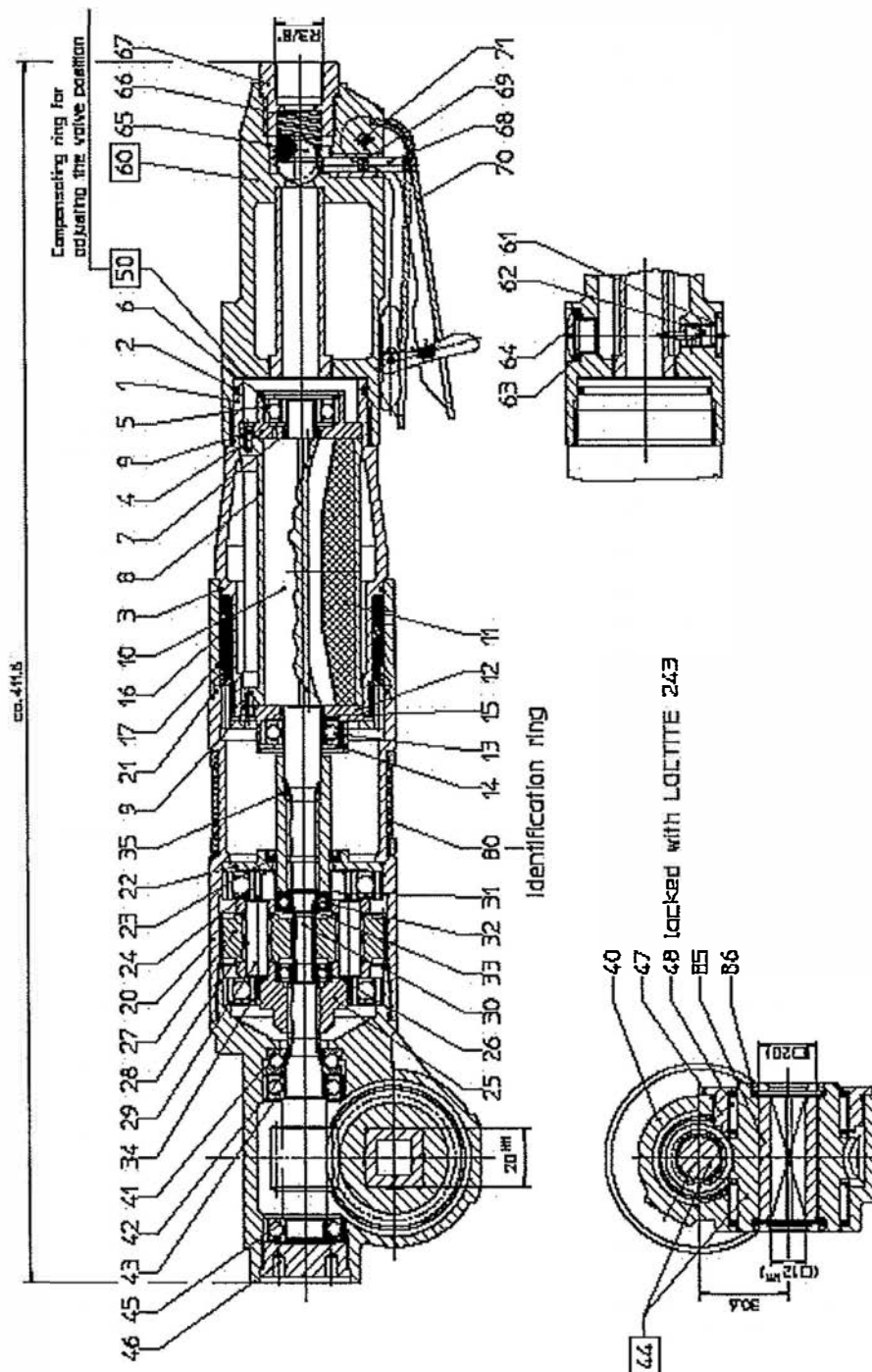
6 1014 0010

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Date:

04/08



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Spare Parts List

Description:

Pneumatic Drive

Part and drawing number::

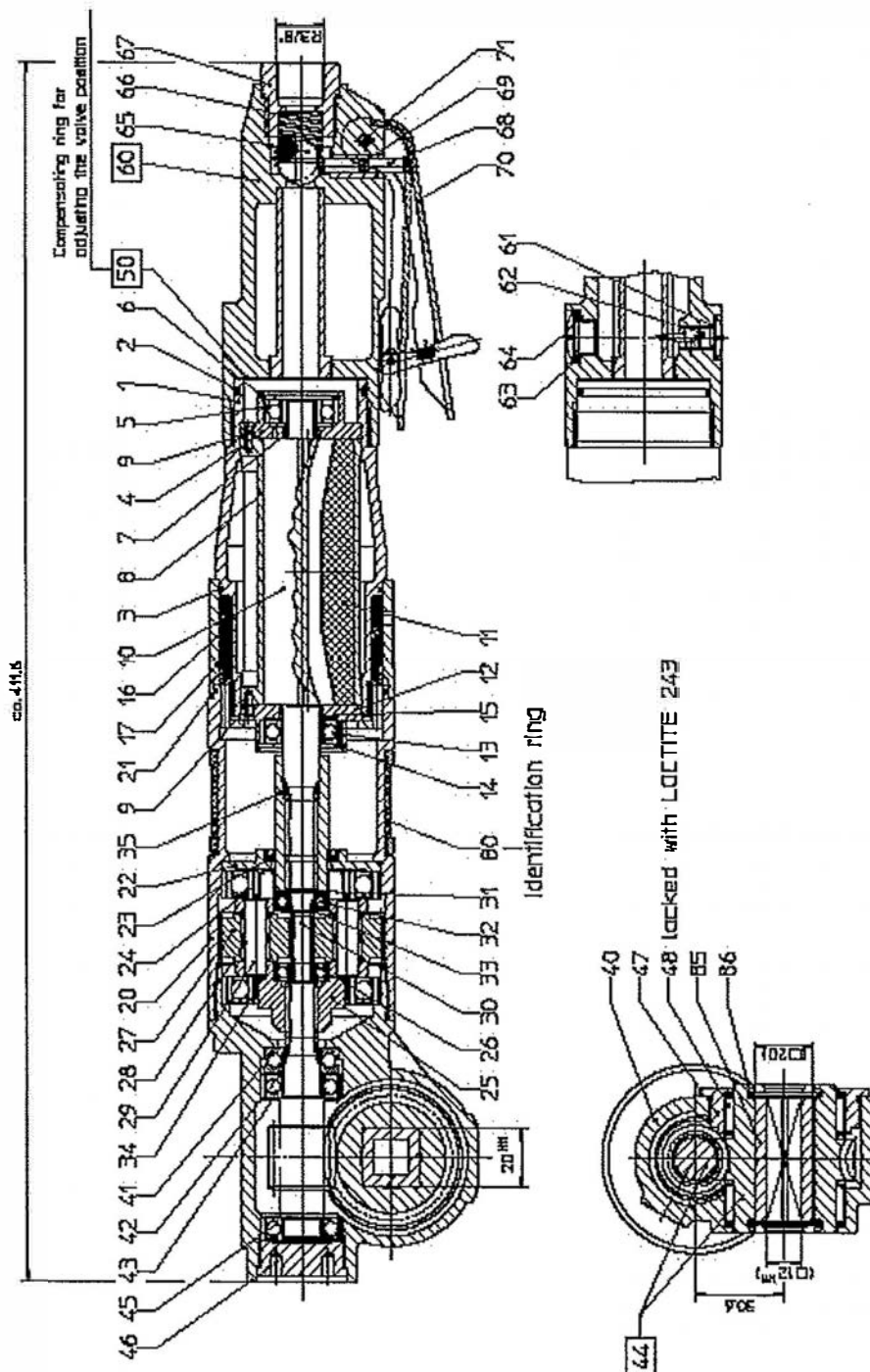
6 1014 0020

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Spare Parts List

Description:

Part and drawing number:

6 1014 1000

Pneumatic Motor

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Date:

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Spare Parts List

Description:

Pneumatic Motor

Part and drawing number:

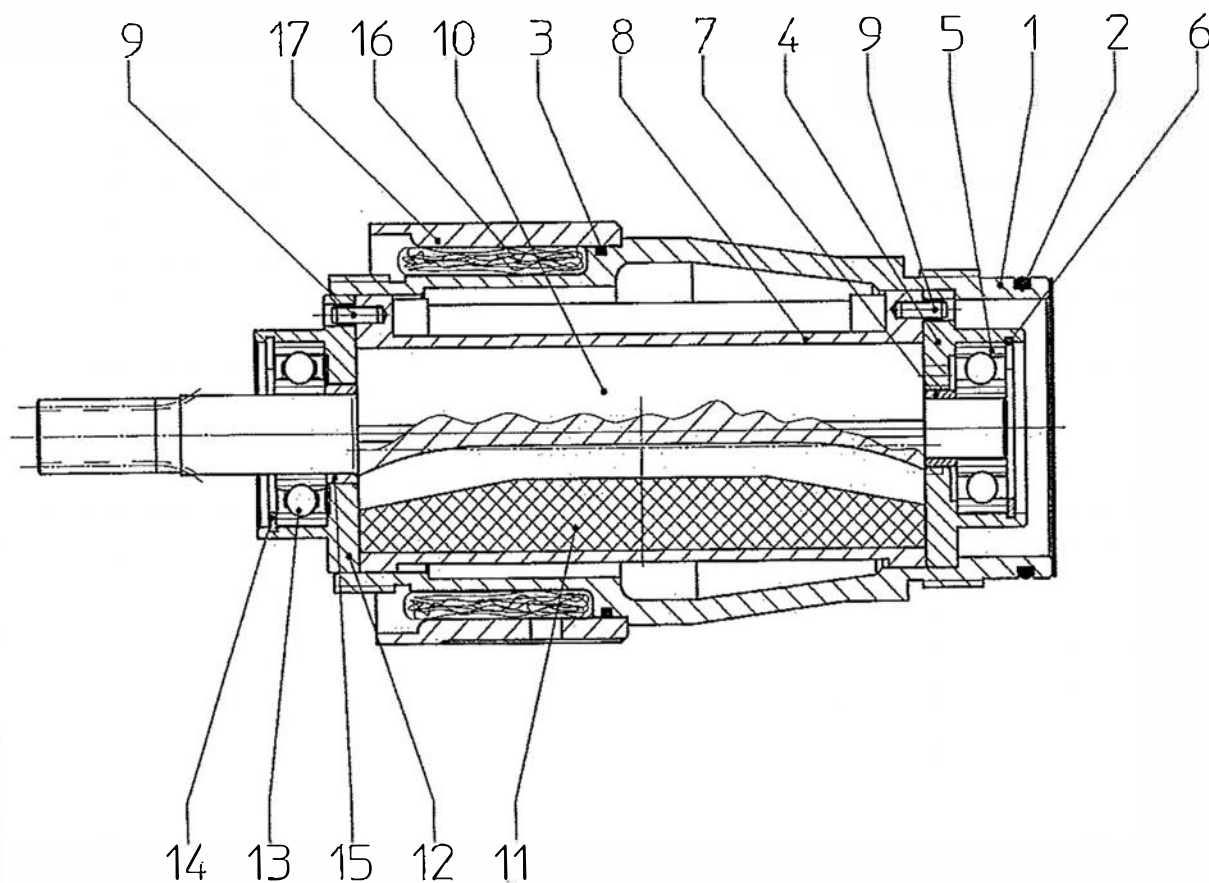
6 1014 1000

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Spare Parts List

Description:

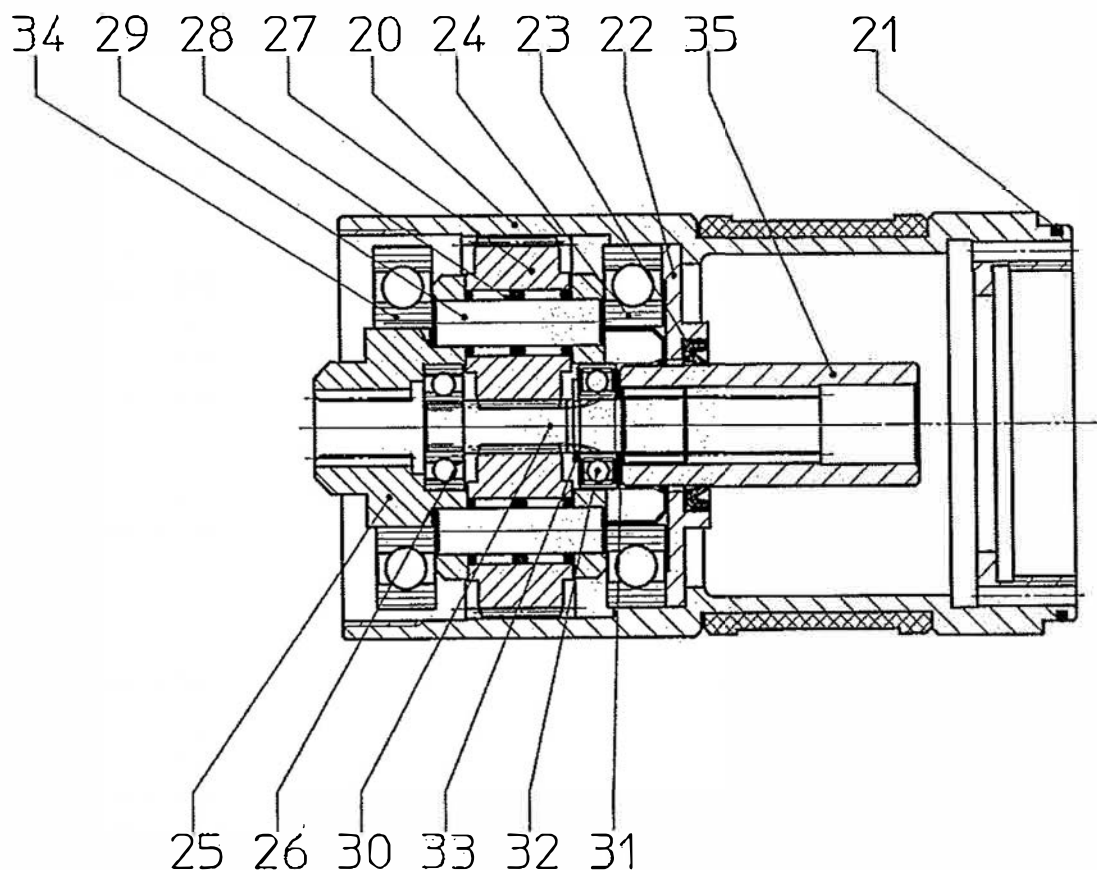
Gearbox

Part and drawing number:

6 1014 4400

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Description:

Part and drawing number:

6 1014 7000

Drive Output

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Spare Parts List

Description:

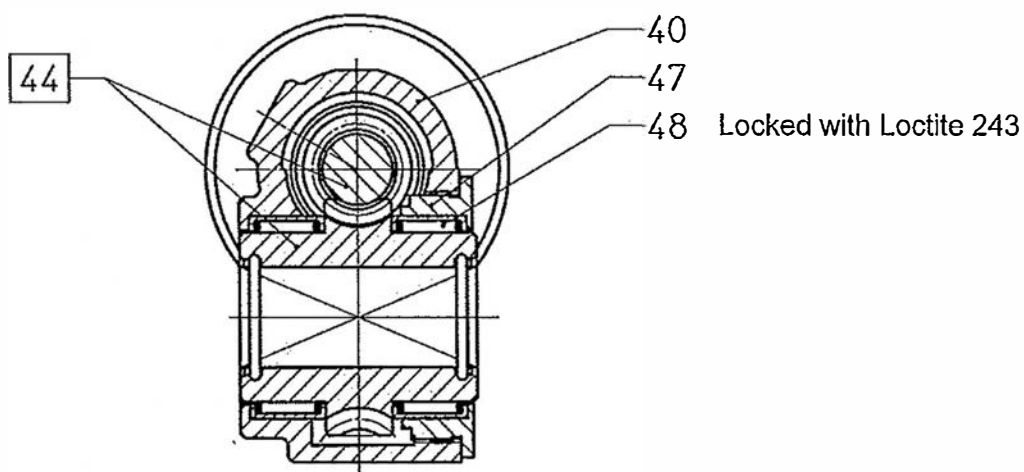
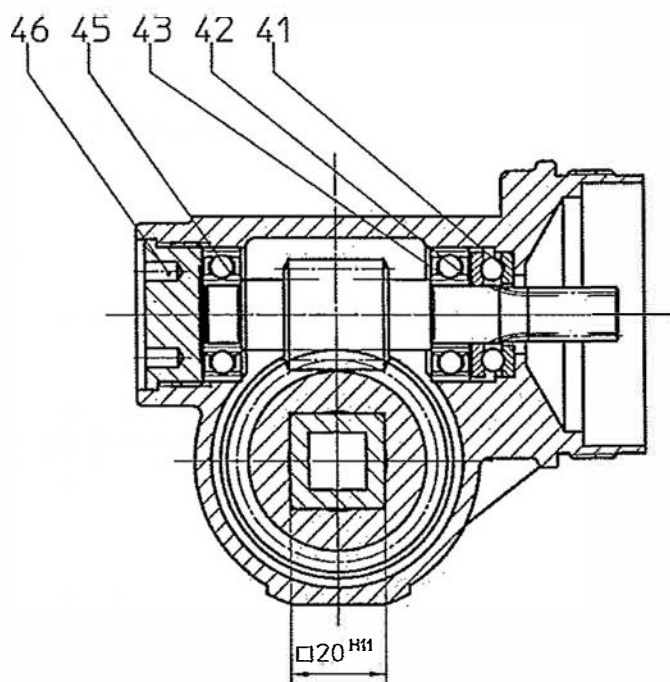
Drive Output

Part and drawing number:

6 1014 7000

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Spare Parts List

Description:

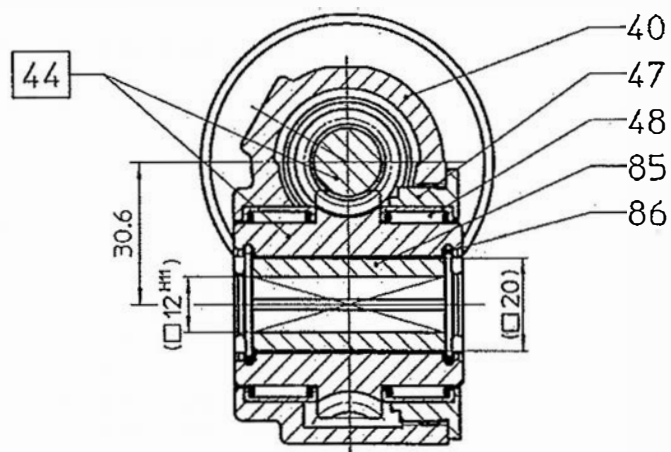
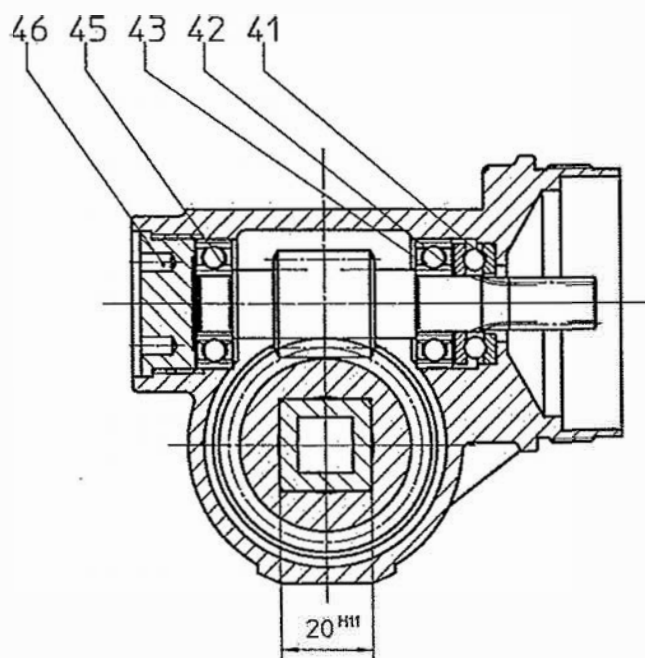
Drive Output

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6 1014 4000

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Locked with Loctite 243

Description:

Part and drawing number:

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Spare Parts List

Description:

Lever Valve with Oiler

Part and drawing number:

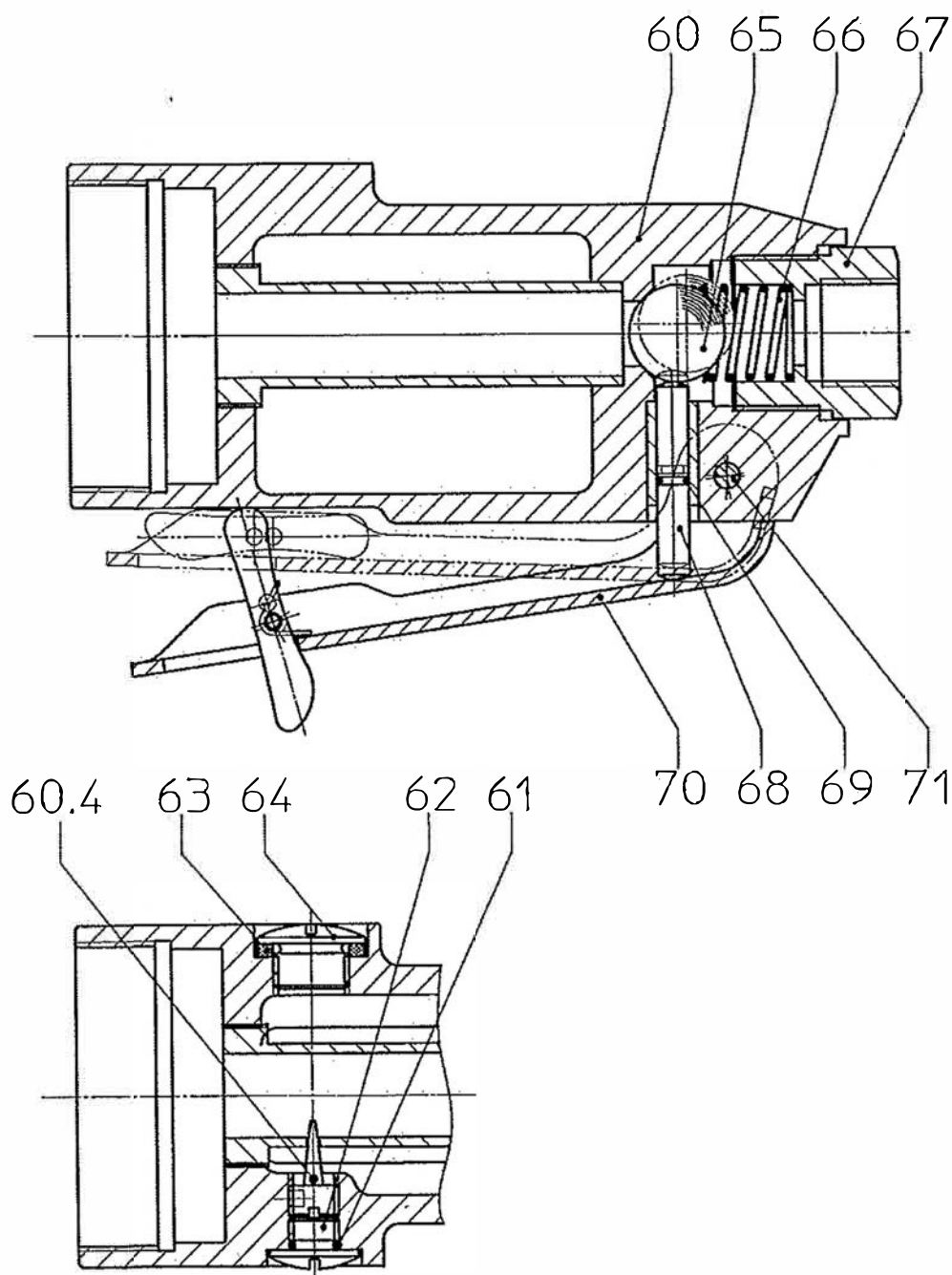
6 1014 3000

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Date.

04/08



MAINTENANCE OF PNEUMATIC TOOLS

Only proper maintenance can ensure constant performance, reduction in wear and thus, a decrease in operating costs and an increase in service life.

Our pneumatic tools are equipped for an operating pressure of 6 bar. A regulator setting for an operating pressure of 4 bar is possible as well as expedient for grinding machines with a built-in regulator, so as to take full advantage of the speed prescribed for the corresponding grinding wheels.

Pneumatic tools should not run empty, because this results in heat and higher wear. The compressed air should be clean and dry. This is guaranteed by a proper pneumatic system. Blow through the pneumatic hose before connecting it. For the economical use of pneumatic tools, the prescribed air quantities are necessary, i.e., the line, armatures and hoses must have the required cross sections so that the flow pressure remains constant. Proper lubrication is a must; for this reason, our pneumatic tools usually have built-in oilers, which are located between the inlet valve and the motor, and which function in any position. In smaller and lighter hand tools, these oilers must often be left out, because the machines would then be too heavy and not easy to manage. In such cases, lubrication must be carried out by service units or by manual hose oilers. We recommend service units for permanently installed workplaces

(see accessories list). However, where longer hose lines are necessary, line oilers built into the hose lines are more effective. The distance between the tool and oiler should not be more than 5 m.

Most of pneumatic tools have located at the connection a lined-up screen, which is to be regularly checked and cleaned.

After ending a working task, the machines are to be flushed with a thin oil, or protected some other way against corrosion.

Visible grease nipples are provided for regular lubrication of the gears with a grease gun. Note the following for grease lubrication: Every 60 hours of operation check striking mechanism, friction bearings and antifriction bearings; if necessary, grease them. Every 300 hours of operation grease the gears and antifriction bearings anew. In the case of impact wrenches, use a grease gun to grease the anvil guide before beginning daily work or every 6 to 8 hours. All inner parts must be lubricated before storing for longer periods of time in order to prevent rusting. It is recommend to check the vanes and bearings at regular intervals. Store pneumatic tools in dry rooms only.

Lubricating oils to be used:
Generally SAE 5 W to SAE 10

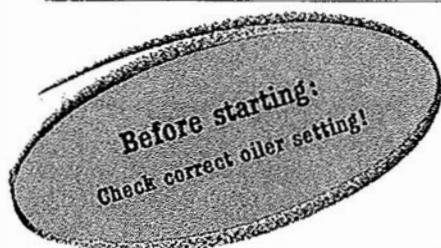
For gearless impact wrenches and small grinders, only SAE 5 W

For damp compressed air, oils are to be used that take up water (without losing the lubricating effect) and that contain anticorrosive additives. At lower temperatures (especially for work outside) it may be necessary to use an antifreeze lubricant (e.g., Kilfrostop, BP Energot AX 10, Kompranol N 74).

For saw-chain lubrication on chain saws:

Machine oil with adhesive additive, viscosity c ST 49-55* (6.5-7.5 E) / 50° C

Greases (free of resins and acids)	Multi-purpose greases for antifriction and friction bearings and gears	Special greases for high-speed miter gears
Designation in accordance with DIN 51502	KL 2 K	G 00 h
Consistency class (DIN 51818)	2	00
Saponification type	lithium	sodium
Dripping point	185° C	145° C
Worked penetration	265 to 295	400 to 410
Temperature range	-25° C to 125° C	-25° C to + 100° C

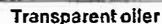




Setting the oiler: The adjustment screw (item 2) is visible after removing the screw plug (item 3). The oil supply is decreased by tightening the screw, and by loosening the screw, more oil gets into the machine. In most cases it is sufficient to tighten or loosen the screw by 1/4 or 1/2 of a turn. When plugged, clean borehole (dia. 2 mm) with wire.



Setting of oilers: Shut off air supply. Open plug (Item 3). Loosen visible lock nut (Item 5) with a socket wrench. Using a screw driver turn back the tightened screw plug (Item 4) by 1/4 to 1/2 of a turn and then lock again. No oil is to get into the borehole "a" when filling. Close plug (Item 3) and open the air supply.



The transparent supply containers allow for good checking as well as for good setting possibility by means of a screw driver via a set screw with visible dripping. (The set screw is above the lateral thread connection – turning to the right for less oil; turning to the left for more oil). The setting (2 to 5 drops per m^3/min air consumption) is to be carried out when air is flowing through, i.e. when the machine is running.



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