

# TECHNICAL INFORMATION



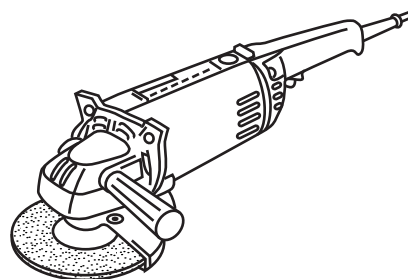
New Tool

**Models No.** ▶ 9609NB

**Description** ▶ 180/230 mm Disk/Angle grinders

## CONCEPT AND MAIN APPLICATIONS

This unit is the Disk grinder developed as the sister versions of #9607B and 9609B, and the export exclusive machine for further sales expansion in reply to the demands from overseas, wherein the body weight has been reduced and the double insulation structure can conform to the foreign standards.



### ► Specifications

	Voltage (V)	Current (A)	Cycle (Hz)	Continuous rating input (W)
<b>9607NB</b>	100	17.5	50/60	1650
<b>9609NB</b>	100	17.5	50/60	1650

	<b>#9607NB</b>	<b>#9609NB</b>
<b>No load speed (R.P.M.)</b>	8000 /min.	6200 /min.
<b>Depressed center wheel</b>	180 22x6 mm	230x22x6 mm
<b>Overall length of machine</b>	413 mm	413 mm
<b>Net Weight</b>	5.0 kg	5.3 kg
<b>Power supply cord</b>	2.5 m	2.5 m

### ► Standard equipment

Depressed center wheel

Lock nut wrench 35(Spanner 17 attached unless the stopper is mounted)

### ► Optional accessories

Base assembly

Inner flange 40

Inner flange 45

Inner flange 78

Outer flange 78

Lock nut 14-48

Lock nut 16-48

Cut off wheel 180

The standard equipment for the tools shown may differ from country to country

## ► **Features and benefits**

- (1) The light weight type enables to handle easily with less fatigue.
- (2) The armature can be easily disconnected from the gear housing and also the pinion can be readily removed.(Easy disassembling)
- (3) The machine can be securely made stable when it is turned upside down to load/unload the wheel.
- (4) Double insulated.

## ► **Capacity**

Compared with the #9607B and 9609B, there is totally a slight difference in capacity. Namely it has almost the same grinding capacity, but the load current and the temperature are slightly increased.

## ► **Repair**

Disassembling orders in replacing the armature:

First remove the offset grindstone, wheel cover and carbon brush etc., next remove the pan head screws M5x40 for mounting the gear housing and motor housing, use the nylon hammer to slightly hammer the protrusion on gear housing at top and the mounting points at bottom side to expand the clearance between the motor housing and plate, place the minus driver edge into the expanded clearance, and then use the another two drivers to disconnect the motor housing in parallel while twisting the drivers. Next use the nylon hammer to hammer evenly the side faces(protrusion at top and mounting points at bottom) of the gear housing, and then pull out the armature from the gear housing in a straight line while holding the core at the armature.

Since the rubber pin for preventing from turning is mounted on the housing of ball bearing at front/rear of the armature, remember to place it.