

ZUNDAPP

Bella R 204

OPERATION AND MAINTENANCE

Important:

Only ZUNDAPP original spare parts ensure reliability, protect against damage and keep up your guarantee. Therefore always instruct your ZUNDAPP dealer to fit only ZUNDAPP original spare parts, if you want to make sure that your machine will run without trouble and have a long life. And remember: if other than ZUNDAPP original spare parts are fitted, your guarantee becomes invalid.

Foreword

We trust that we have done everything possible to ensure the value and dependability of your BELLA for as long as possible. Years and years of experience gained in designing and building vehicles of world renown will guarantee a product that answers all the requirements from the standpoint of quality, materials, and superior workmanship. Moreover, our extensive staff of ZUNDAPP dealers will guarantee an excellent service on your BELLA.

We thank you for your confidence in our product and wish you every pleasure with our BELLA. For sheer power, smooth riding, and finger tip handling it has no equal.

ZUNDAPP-WERKE GMBH MÜNCHEN 8 - ANZINGERSTRASSE 1-3

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Fig. 1

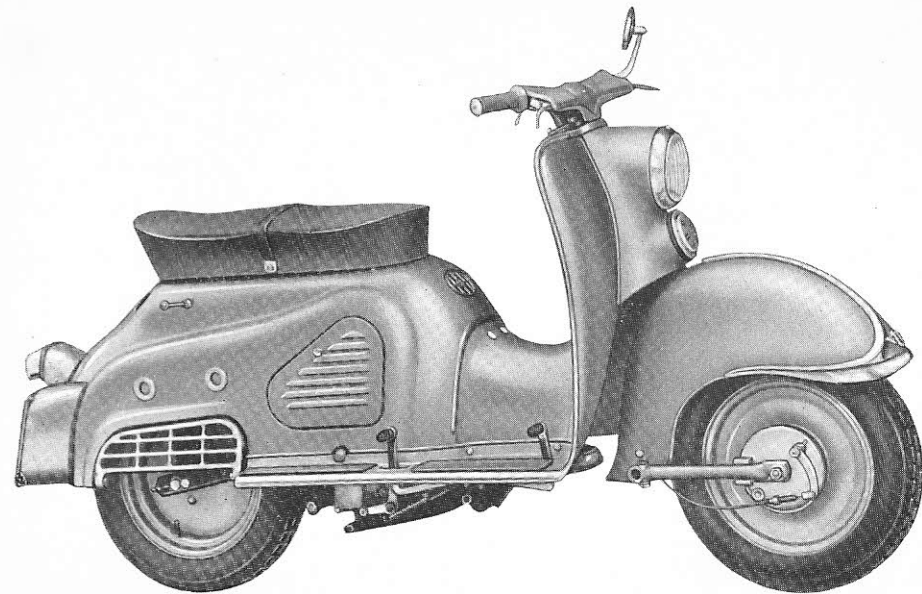


Fig. 2

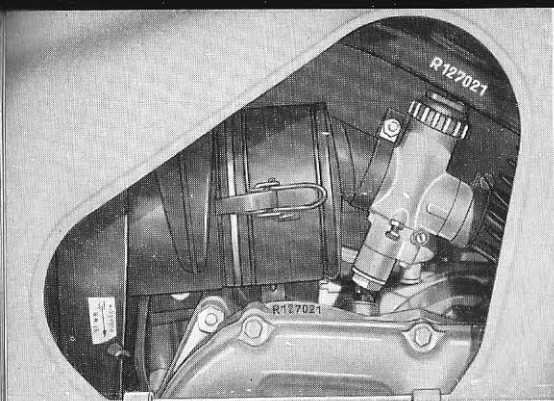


Fig. 3

Vehicle Data

Do not forget to write your BELLA's data into the space provided below. When writing to us please give this information, and also quote the present mileage.

.....
 Chassis No. Engine No.

.....
 Name of owner

.....
 Address of owner

.....
 Name and address of dealer

.....
 Date of first licensing

.....
 Changes made on vehicle

.....

Fig. 3 a

Technical Data

BELLA R 204 • 200 c.c. Model

Engine

Type	Two-stroke
Number of cylinders	1
Stroke	62 mm
Bore	64 mm
Capacity	197 c.c. (according to tax rating)
Compression ratio	6.4 : 1
Output	12 H.P. at 5400 r.m.p.
Torque	max. 1.9 mkg at 3500-4500 r.p.m.
Piston clearance	0.06 mm (.002")
Electrical equipment	Starter-generator (voltage regulating) type Bosch LA-ZB 12/100 L
Ignition timing	Ignition advance 3.0 ± 0.5 mm (.118" ± .02") before t.d.c. = 22.5° ± 2° before t.d.c.

Spark plug	Bosch 240 P 11 S Lodge H/N
Electrode gap	0.7 mm (.027")
Batteries	6 volts, 11 Ah each
Type of cooling	Air cooling
Engine lubrication	By 1 : 25 oil/gasoline mixture

Carburettor with starting device:

Type	Bing 1/24/116
Port dia.	24 mm = 15/16"
Main jet	105
Needle position from top of needle	notch 2
Needle jet	1608
Idle jet	45
Air regulator screw open	1 1/2 turns
Starter jet	70
Gas slide	4
Clutch	Multiple slab running in oil bath
Gearbox	ZÜNDAPP change-speed gear
Number of speeds	4

Internal gear ratios:

1st speed	3.14 : 1
2nd speed	1.964 : 1
3rd speed	1.405 : 1
4th speed	1 : 1

Power transmission agent from gear-box to rear wheel

Roller chain, enclosed
(1/2" x 5/16", 98 links)

Gear ratio from gearbox to rear wheel

3.0 : 1 for solo work
3.44 : 1 for side-car work

Chassis

Frame	Open double tube frame
Steering head bearing	Ball bearing
Front fork	Swinging arm suspension with hydraulic shock absorber
Rear wheel	Swinging arm suspension with hydraulic shock absorber

