



# BSA

## SPEED & SPORTS PARTS



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The internal gear ratio chart shown below will make it possible to figure the gear ratios in 3rd, 2nd and bottom speeds on the three types of gearbox internal gear ratios.

### C-15 INTERNAL GEAR RATIO CHART

<u>INTERNAL GEAR RATIOS:</u>	<u>TOP</u>	<u>3RD</u>	<u>2ND</u>	<u>BOTTOM</u>
C-15 Model - STD.	1 to 1	1.28 to 1	1.76 to 1	2.67 to 1
C-15S " - SCR.	1 to 1	1.20 to 1	1.66 to 1	2.11 to 1
C-15T " - TRI.	1 to 1	1.63 to 1	2.45 to 1	3.16 to 1

### HOW TO FIGURE 3RD - 2ND AND BOTTOM EXTERNAL GEAR RATIOS

MULTIPLY: THE KNOWN TOP SPEED GEAR RATIO BY THE INTERNAL GEAR RATIO SHOWN ON THE CHART ABOVE TO OBTAIN 3RD - 2ND - AND BOTTOM SPEEDS.

EXAMPLE: For 3rd speed with standard gearbox

$$8.44 \times 1.28 = 10.80 \text{ to } 1 \text{ in } 3\text{rd speed}$$

WB/jc

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