

Gear Ratios

Number of turns the drive gear makes compared to one turn of the driven gear.

The larger wheel will always rotate slower than the smaller wheel.

In automotive applications, final gear ratios are determined by the combination of gear on the lay shaft and the main shaft.

The smaller wheel has to turn faster to keep up with the larger gear.

The lower the gear selected the higher the gear ratio.

The higher the gear selected the lower the gear ratio