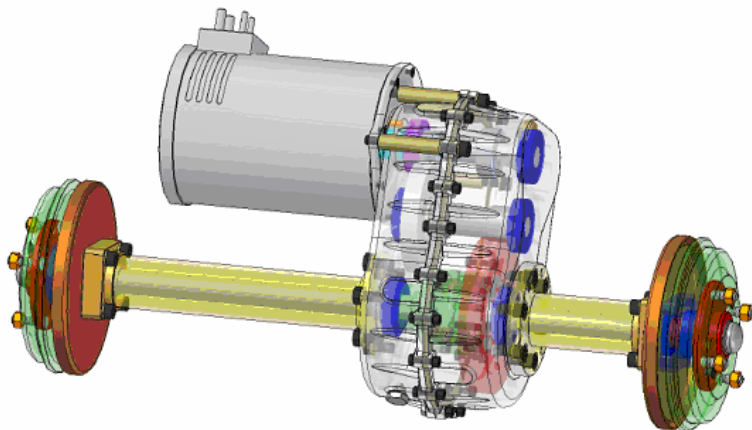


## Part number **TG050200** Model: **AXLE ZG0302**

Esempio di applicazione



Expressly developed and manufactured for engine up to 100 HP, the axle ZG0302, made in small dimensions, allows easy installation and assembly operations. The gear units are carried out with helical lapped toothing, in order to reduce the noise level, as well the use of special steel hardening material warrants the metal fatigue heavy duty and the transmittable power reliability. The use of large sized bearings with one ball ring on the speed and middle ranking shafts reduces considerably the energy level; the meanwhile the employment of adjustable conic roller bearings on the differential shaft warrants heavy duty life and cuts out the inconveniences of the radial strains. The clutch pins made with dovetail provide a safety grip, so avoiding the accidental gears disconnection in case of vibrations, vehicle jolts, etc.

**Application fields:** Mini cars, agricultural devices, three-wheelers, golf cars, amusement vehicles, motor-sleigh, industry, people vehicle, light goods traffic vehicles, etc.

**Fulfilment:** Vehicle axle with electric or internal combustion engine, two forward speeds, one reverse speed and two neutral positions.

**Gear system:** Desmodromico (made by a control cam shaft on which can be assembled two or more fork units, in order to move the various gears in sequential mode).

**Gears:** Two forward speeds, one reverse speed and two neutral positions (central group mod. ZG0302).

**Drive gear ratios:** From 3:1 to 18:1.

**Out-put maximum torque:** 3.000 Nm (1.500 Nm at any semi axel)

**Lubrication oil quantity:** 1,50 Kg.

**Accessories:** Gear selector with remote control; micro switch for reverse speed headlight.

**Feature:** Weight without any accessories units Kg 27.

**THE OUT-PUT AND ENGINE SHAFTS CAN BE DRAWING IN DIFFERENT SHAPE AND DIMENSIONS AT SPECIAL CUSTOMER REQUEST. OUT-PUT MAXIMUM TORQUE: 3000 Nm.**

**Desmodromico gear system with or without differential group, with or without block device.**