

Basic of Mechanical Engineering

Topic : Vehicle specification

Presented by : Rugwed V. kadu

Roll No. : 53

Sec. : D



Two wheeler

1.Engine

- Air cooled,4 stroke 124.6cc Engine
- Maximum power of 12.8 Bhp at 9000 rpm
- Maximum torque of 11Nm at 7000 rpm

2. Speed

- Top speed around 70 mph





Truck

1.Engine

- ➡ The volvo B36 is four stroke
- ➡ Power outout : 180hp-220hp-250hp-(132kw-162kw-184kw)
- ➡ Dry weight : 580 kg
- ➡ Piston stroke : 120 mm

2. Speed

- ➡ 50 to 60 miles per hour





Light Motor Vehicle

1.Engine

- ➡ Power 83 bhp @ 6000 RPM
- ➡ Torque 115 Nm @ 4000 RPM
- ➡ Engine displacement 1197 cc
- ➡ Mileage 20.4 kmpl

2.Speed

- ➡ Top speed 165 kmph





BUS And Multiaxel Vehicle

1.Engine

- power 200 HP@2400 rpm
- Torque 700 NM @1200-1900 rpm
- GVM 16200
- Service interval 80,000 km

2.Speed

- Max speed 80kmph





References

➤ https://en.wikipedia.org/wiki/Main_Page





THANK YOU