



Dana Electrification System solutions

Transaxle+ Motor

People Finding A Better Way[®]

Transaxle for Golf Carts, Three Wheelers, Tow trucks

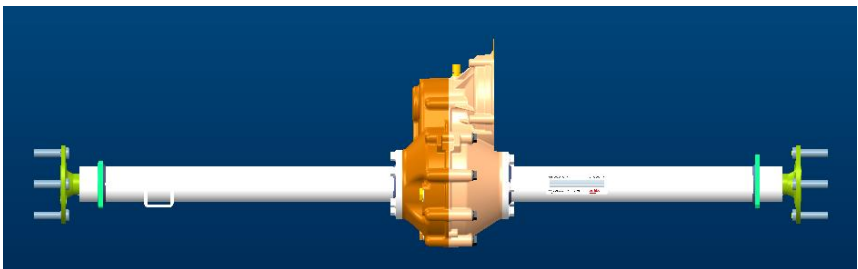
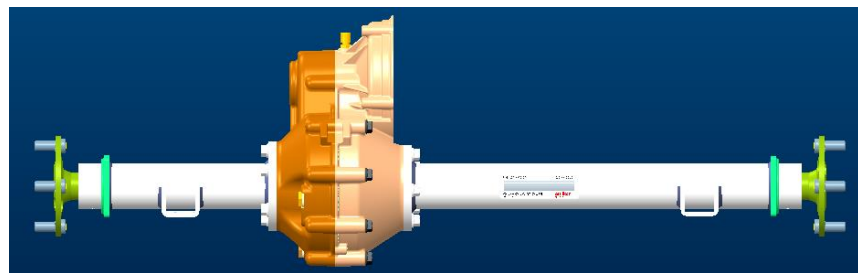
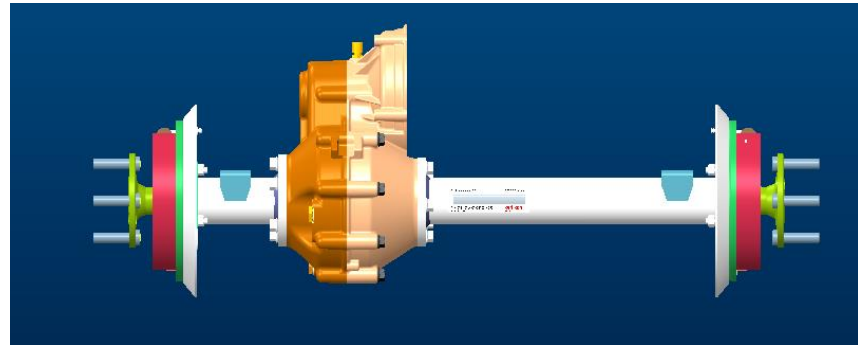
Product line: transmission systems for full electric and hybrid vehicles



Vehicle	electric golf cart and light utility vehicle
Driveline layout	rear wheel drive, rear transversal electric motor coupled with transaxle
Product	transaxle
Motor features	3 kW continuous and 15 kW peak, 105 Nm @ 2000 rpm
Gearbox features	two step reduction total reduction ratio 1:12.315 (other ratios available on demand) gross axle weight 950 kg gross vehicle weight 1280 kg



Customization for Customers requirement- Transaxle



Rigid axle Versions



Transfer box (IRS)

- Gear ratio – 1:9.3, 1:10.3; 1:12.3; 1:14.85, 1:16 (more ratios on request)
- Length – 800mm, 970mm, 1241mm (more length options on request)
- Range – 25-60 Kmph
- Transfer Box (IRS version)
- Bolt Circle diameter – 100 or 101.6mm

System offering for utility vehicles



Bolt-on Solution

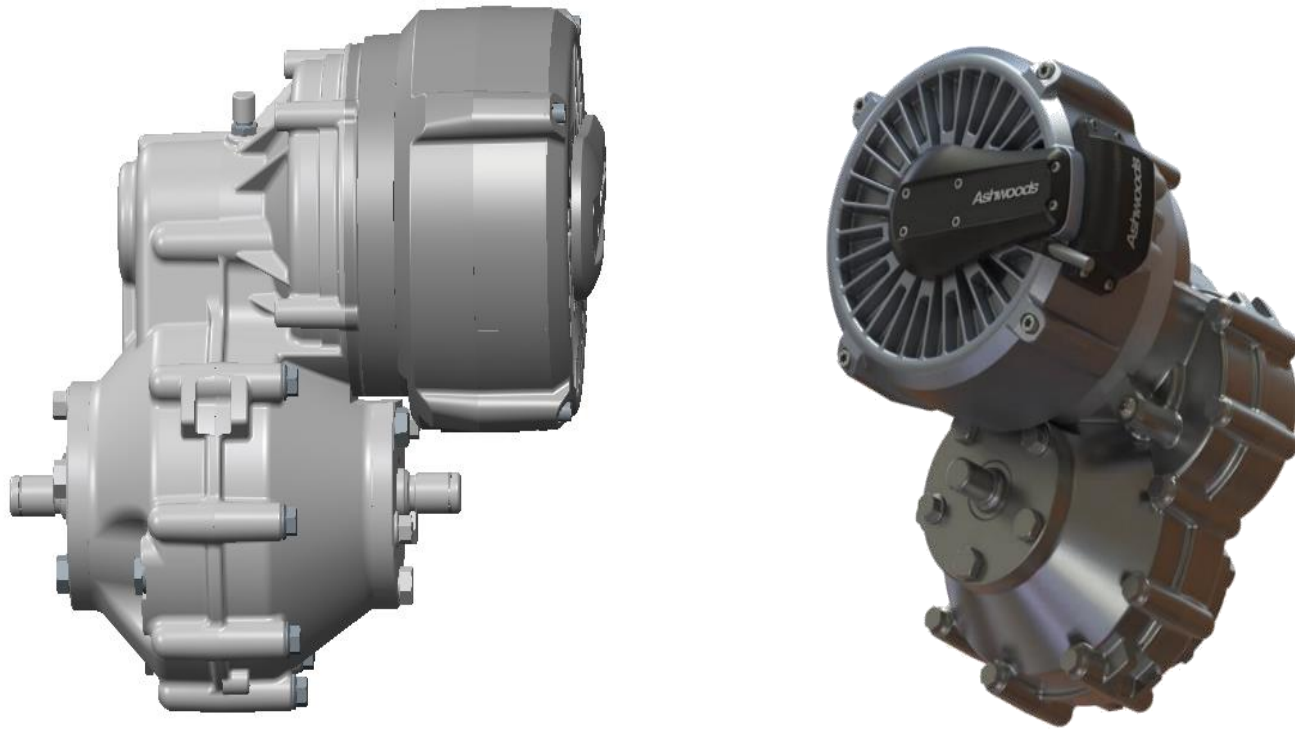
Transaxle: Gear Ratio 12.315
TM4 Motor: 200-33



- Less weight, compact design
- Higher efficiency and better performance,
- Gear Ratio and Motor can be customized as per customer request

Note: Based on final required vehicle specifications by customer, Dana can provide a customized solution

System offering - Independent Rear Suspension



Bolt-on Solution (IRS)

Transaxle: Gear Ratio 10.3:1
TM4 Motor: 200-33

- Less weight, compact design
- Higher efficiency and better performance,
- Gear Ratio and Motor can be customized as per customer request

Note: Based on final required vehicle specifications by customer, Dana can provide a customized solution



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