

MTA ΣMTC



2-Speed Automatic

Transmission For Electric 2WHL & 3WHL

www.mtaemtc.com

Feel The #PowerofTwo

E1

2-Speed
Automatic Transmission

Hub Mount



E2-1

2-Speed
Automatic Transmission

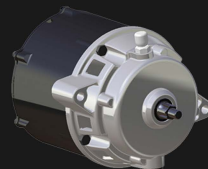
Mid Mount



P2

2-Speed
Automatic Transmission

Motor Mount



SPECIFICATIONS

ATTRIBUTES	E1 TRANSMISSION	
Gear Ratio*	First Gear	1.8:1
	Second Gear	1:1

ATTRIBUTES	E2-1 TRANSMISSION	
Gear Ratio*	First Gear	2.64:1
	Second Gear	1.47:1

ATTRIBUTES	P2 TRANSMISSION	
Gear Ratio*	First Gear	2.57:1
	Second Gear	1:1

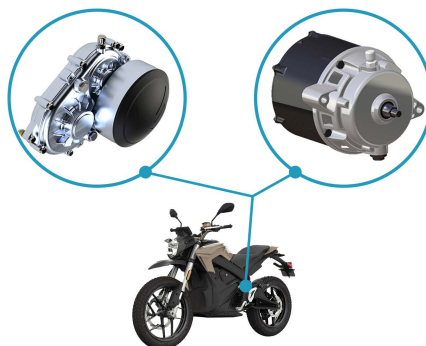
ATTRIBUTES	E3-2 TRANSMISSION	
Gear Ratio*	First Gear	15:01
	Second Gear	8:1

HIGHLIGHTS

- Automatic gears change in <0.19 second
- Gradeability increases upto 50%
- Increases the range upto 20%
- Increases the speed upto 50%

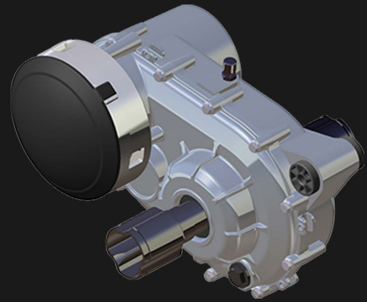
APPLICATIONS

- Scooters
- Motorcycles



E3-2

2-Speed Automatic Transmissions
Rear Mount



SPECIFICATIONS

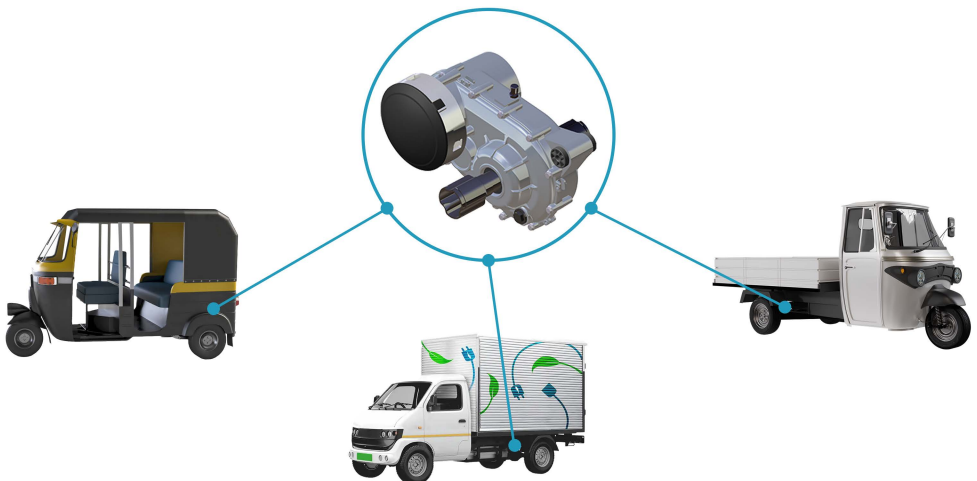
ATTRIBUTES	E3-2 TRANSMISSION	
Gear Ratio*	First Gear	15:01
	Second Gear	8:1

APPLICATIONS

- Three wheeler passenger
- Three wheeler cargo
- Four wheeler-Urban Logistics Mobility
- Light commercial vehicles upto 2.2T GVW

HIGHLIGHTS

- Differential integrated type
2-Speed Automatic Transmission
- Automatic gears change in <0.19 second
- Gradeability increases upto 50%
- Increases the range upto 20%
- Increases the speed upto 50%
- Simplified structure using patented
electromagnetic clutch technology
- Can be used with fixed or independent
drive shaft



COMPATIBLE MOTOR & CONTROLLER PARTNERS



MOTOR



CONTROLLER



- Two speed automatic transmission algorithm is seamlessly tuned with above partner companies and OEM's can contact them directly or may request MTA for introduction wherever required.
- In case of any new Motor controller to be paired other than listed above, please contact MTA EMTC for algorithm integration support.
- Partner Company Logo's are used with their permission and MTA ETMC has only business relationships with our esteemed partners.

CONNECT WITH US

MTA EMTC PVT. LTD.

Plot no. 103, Sector 04, IMT Manesar, Gurugram, Haryana - 122050, India

scan for website



+91-124-473-7334

+91-981-167-9927

co@mtaev.com

/mtaemtc