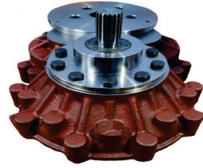


Flange **OUTPUT**

Double side flange output to suit customer variant with universal joints for floating axle.



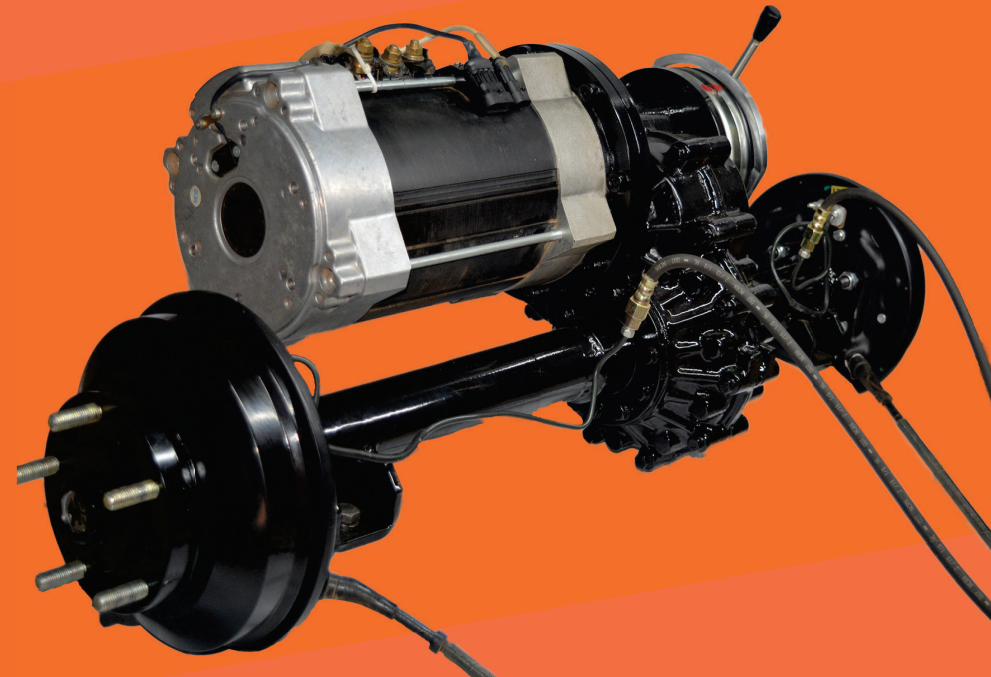
Spline **OUTPUT**

Double side spline with radial shaft sealed for direct wheel flange mounting.



TAD 16 **BROCHURE**

TRANSAXLE DRIVE FOR ELECTRIC VEHICLE



AXLE

Axle made of special material with 60 mm Dia and 9 mm thick.



HOUSING

Housings can be supplied both in cast Iron and Aluminum. Our Standard version is with cast iron for Indian Conditions.



GEARS

All gears are case hardened and ground with high flank safety and root safety specially designed for smooth running.



TRACK WIDTH

Axle can be supplied according to customer width ranging from 600mm to 1100mm.

GET IN TOUCH



KARINI DRIVES Pvt Ltd
2/648 Pallathu Thottam,
AG pudur, Irugur Post,
Coimbatore 641 103
Tamil Nadu, India.



(+91) 98840 88850
(+91) 90038 11456



info@karinidrives.com
www.karinidrives.com

MB/TAD16/112021-1

CARRYING YOUR BURDEN

TAD 16



- The KARINI DRIVES helical and differential Gear units have comprehensive range of transaxles for electric driven vehicles in India.
- Our Modern gear unit design covers a wide range of standard options such as electromagnetic brake, AC motor, DC motor, drum brake and disc brakes.
- The modular gear units are compact and simple, with wide range of auxillary attachments can be suited for different application.
- Drive units are attached with PMAC motor which are integrated with temperature sensor and speed sensor, thus making it a plug and play system.
- Karini Drives can also provide a complete system with Pro-grammed controllers matching the application requirements.



TAD 16

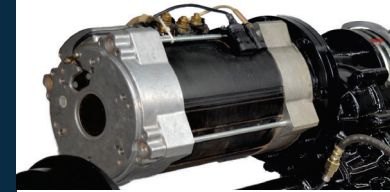
Rated power	: 3-19kW
Rated Voltage	: 24 -80 V
Max Output torque	: 1600 Nm
Max input speed	: 7200 rpm
Gear ratio	: 5 - 60
Motor Type	: Ac or PMAC
Gear Quality	: DIN 6 to DIN 3
Differential Type	: Bevel Gear
Efficiency	: 94%
Brake	: Electromagnetic
Brake torque	: 20- 120 Nm
Housing	: Casting/ Aluminium
Lubrication	: Kluebersynth GE4 75 W 90
Axle	: Drawing Steel
Bearings	: SKF

Our Accessories



Electromagnetic Brake

Electromagnetic brake is an additional feature for all material handling equipments that serves as an emergency brake. Our range varies from 60 to 150 Nm



PMAC / DC Motor

PMAC motor with regenerative motor and DC motor be fitted in house.



Drum / Disc Brake

Double side spline with radial shaft sealed for direct wheel flange mounting.