DANA GRAZIANO™ HIGH-PERFORMANCE ELECTRIFIED

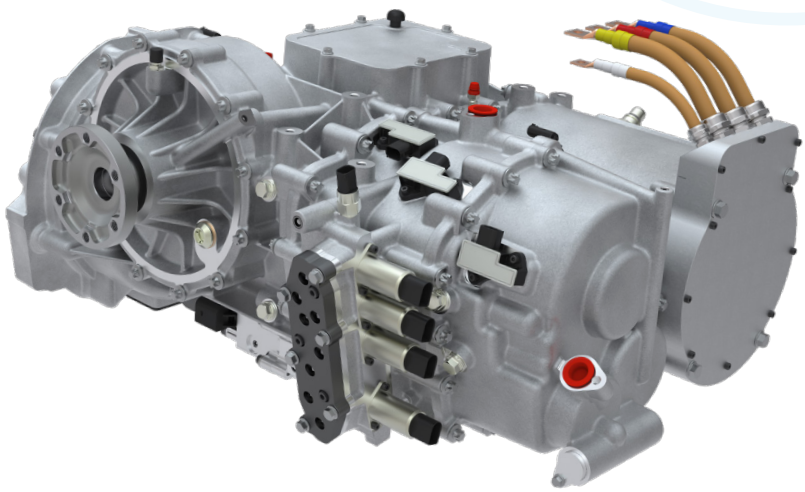
Hybrid Powershifting AMT

Features

- Single-clutch hybrid AMT
- Two gears for electric drive with EM
- Six gears for ICE
- Integrated hydraulic circuit

Benefits

- Integration of EM keeping equivalent package and weight to non-hybrid DCT
- Torque infill with powershift feeling
- Pure electric drive option
- Full hybrid functionalities over wide operating conditions, to improve efficiency and top performance

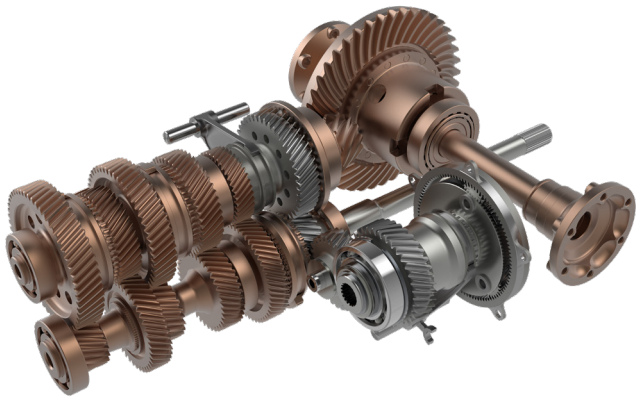


Ideal for high-performance sports car applications.

Hybrid Powershifting AMT

The Graziano™ 6-speed hybrid AMT features a fully integrated 2-speed planetary hybrid module which provides both P2 and P3 performance. The AMT delivers engine cranking and regeneration in P2 configurations and boosts torque infill during gear shifting. The gearshift actuation system integrates each shift valve into its corresponding shift rod with an independent shift rod system that, when coupled with electric torque infill, results in shifting performance comparable to a dual-clutch transmission. The transaxle configuration perfectly suits high-performance cars and can easily replace a dual-clutch transmission.

Vehicle	Hybrid supercars and extended range electric vehicles
Driveline Layout	■ Front or mid-engined longitudinal engine ■ Rear-mounted transaxle hybrid transmission ■ Rear-wheel drive or four-wheel drive
Product	Powershifting automated manual transmission with an integrated hybrid module and electric motor
Motor Features	ICE: V8, 570 Hp, 650 Nm - EM: 120 KW, 200 Nm, 14000 rpm
Gearbox Features	■ Gearset torque rating 900 Nm ■ 140 kg including dry clutch, hybrid module and electric motor ■ Full hybrid functionalities: torque infill, electric boost, regeneration, electric drive, engine cranking



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Application Policy
Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from SME; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.

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