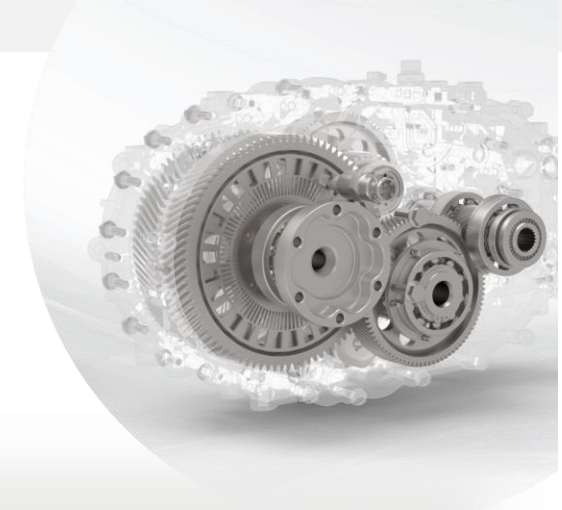
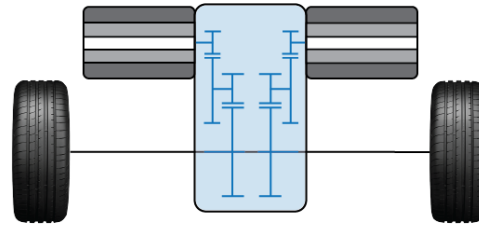


# TWYX

## 1-speed torque vectoring



### FEATURES

Number of speeds	1
Axis configuration	Offset (4 axis – 2 opposite layshaft shifted)
Transmission type	TORQUE VECTORING (Non-disconnectable system)
Number of gear sets	2 twin gear sets
E-machine configuration	DUAL motor only (one motor per wheel)
Differential unit	No mechanical differential unit
Lubrication	E-Oil Pump (forced lubrication of bearings/gears)
Thermal	Oil cooler (fixed on the gearbox or decentralized)

### TECHNICAL SPECS

Gear ratio(s)	5 : 1 to 10 : 1 (10 : 1 represented)
Input torque range	[250 – 450] Nm
Output torque range	[5,000 – 6,000] Nm
Weight (excl. oil)	<50 kg
Packaging	Center distance: 225 mm, E-motor $\varnothing$ < 300 mm
Potential Vehicle Layout	Transversal Integration only (or P4)

