



Affordable, compact EV-specific transmission supports niche OEMS and enthusiasts to shift to electric

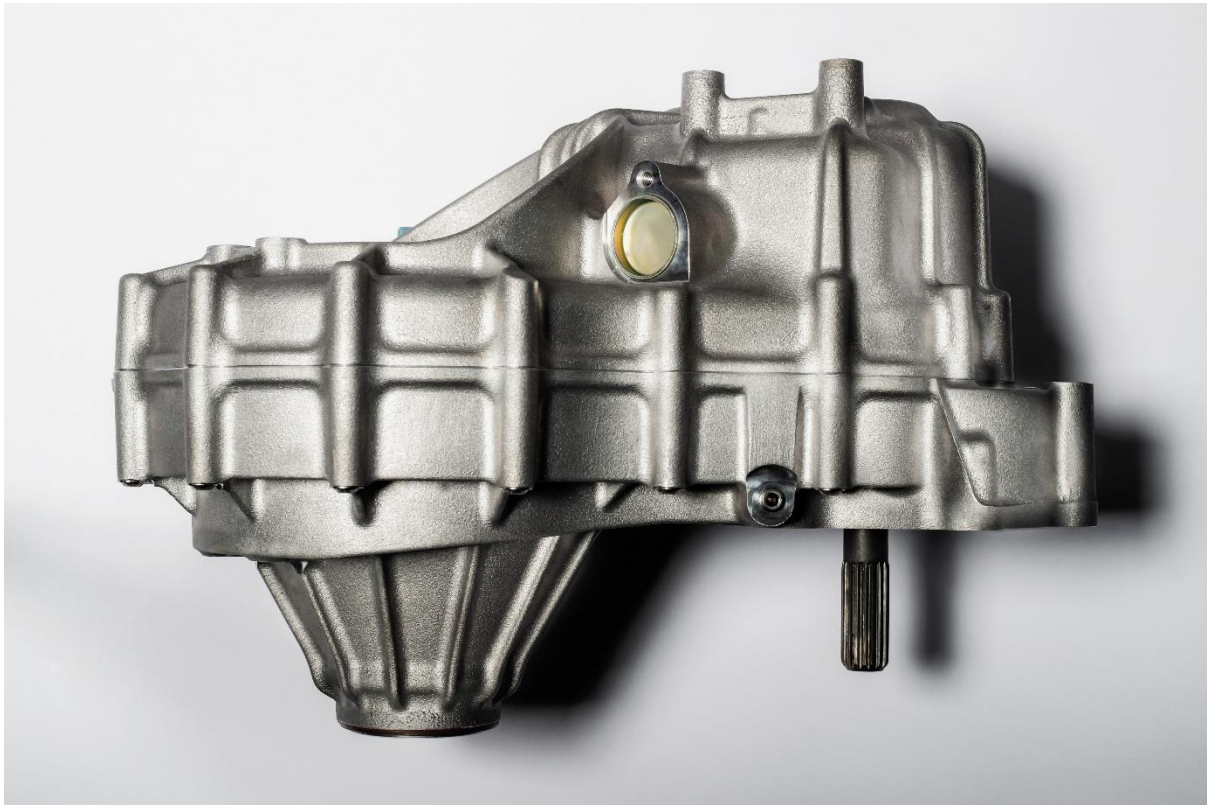
Now even easier for individuals and niche OEMs to switch to electrification with standalone compact single speed transmission from Swindon Powertrain



Following the recent release of its HPD E crate motors and associated kit to electrify the classic Mini, Swindon Powertrain is now extending its electrification range with its standalone E-Transmission for EVs. In response to rising demand for proven OE specification componentry both from low volume OEMs and home enthusiasts alike, the single-speed gearbox is, contrary to many solutions on the market today, a 'plug-and-play' and affordable solution to purchase a transmission to work with existing electric motors.

Versatile, with two ratio options, and multiple mounting points for ease of installation, the E-Transmission is suitable for a range of vehicles from kit and classic cars through to light commercial vehicles. As a derivative of its HPD crate motor, Swindon Powertrain can offer competitive retail pricing of just £2,500 to sectors of the market that are usually forced to pay a significant premium

for new, low volume electrification components. Trade customers seeking volume quantities are recommended to contact Swindon Powertrain for pricing.



Designed and manufactured in the UK, the E-Transmission is a simple, no nonsense solution for a wide spectrum of low volume and one-off consumers. Its designers have specified a flanged e-motor adaptor plate design, facilitating the mounting to a wide range of electric motors, not just Swindon Powertrain's own. Standard automotive driveshaft joint flanges ensure external drive is just as simple to integrate. Internally, OE-specification helical gears offer low levels of noise, vibration and harshness. A passive lubrication system minimises complexity, cost and power losses and will perform without needing an oil pump. Mindful that reducing the mass of the gearbox improves the range and performance of the vehicle, Swindon Powertrain has sought to make the E-Transmission light, just 17.9kg and packaging the gear set to be amongst the most compact, measuring just 250mm x 384mm x 228mm.



“Since launching the HPD E Powertrain products, we have been inundated with customer enquiries from all four corners of the globe and with each enquiry we gain further insight in to the needs and requirements of the end consumer,” says Gérry Hughes, commercial director, Swindon Powertrain. “Adding the E-Transmission to our expanding range of electrification products designed and manufactured by Swindon Powertrain provides our customers with the ultimate flexibility when it comes to converting or building their EV. They can buy an entire system or select just the parts they need. This is more affordable, proven and simple to integrate, accelerating the shift to electrification.”

The E-Transmission can be ordered now via the Swindon Powertrain website, can be shipped globally, with deliveries scheduled for January 2021. Volume and trade customers are recommended to get in touch via the website <https://swind.life/>

Specification:

➤ Max. Input Torque (Nm):	204
➤ Max. Motor Speed (rpm):	10,500
➤ Differential Type:	Standard/Open
➤ Oil Capacity (l):	0.75
➤ Installation Angle (degs):	15.0 Max
➤ Transmission Ratio Options:	11.508 or 6.332
➤ Max. Nominal Output Torque (Nm):	2348 or 1292
➤ Max. Nominal Output Speed (rpm):	912 or 1658
➤ Transmission Assembly Dimensions (mm):	250 x 384 x 228
➤ Transmission Assembly Mass (kg):	17.9

-ENDS-

About Swindon Powertrain

Established in 1971 as a high-performance engine specialist, Swindon Powertrain is leading designer and manufacturer of road and race engines and components. Starting with the maintenance of Formula 1 engines in the 70s and early 80s, it rapidly expanded in other branches of motorsport including rallying and touring cars. Today, the firm supplies engines to the majority of the British Touring Car grid and has amassed over 80 wins. Since 2010, the firm has diversified into supporting new road car powertrain development including alternative powertrains and electrification with facilities in France and the UK. In 2018 it created the lifestyle Swind division to develop consumer products, launching its hyper electric bicycle the Swind EB-01 and the E-Classic, a fully engineered and electrified Mini. For more information visit www.swindonpowertrain.com

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