

## **BorgWarner stärkt eMotor-Geschäft mit XPeng**

- *Produktion für das XPeng Modell X9 MPV im Januar 2024 gestartet*
- *Statorwicklungstechnologie liefert branchenführende Leistungsdichte und Effizienz*
- *Ölkühlung verbessert die Wärmeableitung des Motors*

Auburn Hills, Michigan, 8. Februar 2024 – BorgWarner hat mit der Fertigung von eMotor-Rotoren und -Statoren für XPeng Motors begonnen, einen der führenden chinesischen Hersteller für smarte Elektrofahrzeuge. Das Produkt wird im X9 MPV sowie in der nächsten elektrischen B-Segment-Limousine von XPeng zum Einsatz kommen. Produktionsstart ist für das dritte Quartal 2024 geplant. Der Hochvolt-Hairpin-Elektromotor HVH220 bietet hohe Leistungs- und Drehmomentdichte sowie einen besseren Wirkungsgrad zu wettbewerbsfähigen Kosten. Außerdem überzeugt er durch seine lange Lebensdauer.

„Wir freuen uns sehr, dass wir diesen führenden OEM mit unseren bewährten Statoren und Rotoren beliefern können und damit die Entwicklung der chinesischen Elektrofahrzeugindustrie vorantreiben“, so Dr. Stefan Demmerle, President und General Manager, BorgWarner PowerDrive Systems. „BorgWarners fundierte Produktexpertise wird XPeng bei der weiteren Entwicklung seiner elektrischen Antriebe zugutekommen.“

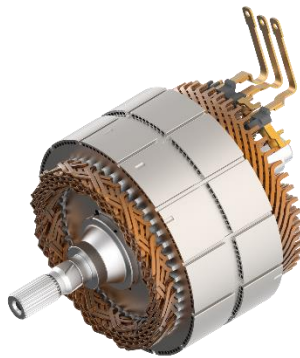
Der HVH220 E-Motor kann mit einer Spannung von bis zu 800 V betrieben werden und verwendet einen Stator mit 220 mm Außendurchmesser sowie die patentierte Hochvolt-Hairpin-Technologie von BorgWarner. Er verfügt über einen Permanentmagnetrotor und eine proprietäre Technologie zur Verbesserung der Statorisolierung, die hohe Lebensdauer und erstklassige Zuverlässigkeit gewährleisten. Der HVH220 kann eine Leistung von bis zu 300 kW erzeugen, bei einer maximalen Betriebsdrehzahl von 18.000 U/min und einem Spitzenwirkungsgrad von über 97 %.

BorgWarner hat eine Ölkühlung entwickelt, um die Anforderungen an Hochleistungsmotoren zu erfüllen. Konkret heißt das, dass der Motor durch Getriebeöl gekühlt wird, was die Wärmeübertragung und Abfuhr des Systems verbessert. Durch die direkte

Ölkühlung des Rotors wird außerdem Wärme aus dem Kern des Elektromotors abgeleitet, wodurch höheres Drehmoment und mehr Leistungsdichte erreicht werden können.

## Über BorgWarner

BorgWarner bringt als globaler Produktführer seit mehr als 130 Jahren erfolgreich Mobilitätsinnovationen auf den Markt. Mit einem sich permanent weiterentwickelnden Produktportfolio unterstützen wir den weltweiten Übergang zur e-Mobilität – und tragen so zur Schaffung einer sauberen, gesunden und sicheren Zukunft bei.



Der HVH220 von BorgWarner ist in verschiedenen Stapellängen, Kühl- und Wicklungskonfigurationen, als Baugruppe oder als vollständig gekapselter E-Motor erhältlich

**Forward Looking Statements:** This release may contain forward-looking statements as contemplated by the 1995 Private Securities Litigation Reform Act that are based on management's current outlook, expectations, estimates and projections. Words such as "anticipates," "believes," "continues," "could," "designed," "effect," "estimates," "evaluates," "expects," "forecasts," "goal," "guidance," "initiative," "intends," "may," "outlook," "plans," "potential," "predicts," "project," "pursue," "seek," "should," "target," "when," "will," "would," and variations of such words and similar expressions are intended to identify such forward-looking statements. Further, all statements, other than statements of historical fact, contained or incorporated by reference in this release that we expect or anticipate will or may occur in the future regarding our financial position, business strategy and measures to implement that strategy, including changes to operations, competitive strengths, goals, expansion and growth of our business and operations, plans, references to future success and other such matters, are forward-looking statements. Accounting estimates, such as those described under the heading "Critical Accounting Policies and Estimates" in Item 7 of our most recently filed Annual Report on Form 10-K ("Form 10-K"), are inherently forward-looking. All forward-looking statements are based on assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions and expected future developments, as well as other factors we believe are appropriate under the circumstances. Forward-looking statements are not guarantees of performance, and the Company's actual results may differ materially from those expressed, projected or implied in or by the forward-looking statements.

You should not place undue reliance on these forward-looking statements, which speak only as of the date of this release. Forward-looking statements are subject to risks and uncertainties, many of which are difficult to predict and generally beyond our control, that could cause actual results to differ materially from those expressed, projected or implied in or by the forward-looking statements. These risks and uncertainties, among others, include: supply disruptions impacting us or our customers, such as the current shortage of semiconductor chips that has impacted original equipment manufacturer ("OEM") customers and their suppliers, including us; commodity availability and pricing, and an inability to achieve expected levels of recoverability in commercial negotiations with customers concerning these costs; competitive challenges from existing and new competitors including OEM customers; the

challenges associated with rapidly changing technologies, particularly as they relate to electric vehicles, and our ability to innovate in response; the difficulty in forecasting demand for electric vehicles and our electric vehicles revenue growth; disruptions in the global economy caused by wars, including the wars in Ukraine and the Middle East; the ability to identify targets and consummate acquisitions on acceptable terms; failure to realize the expected benefits of acquisitions on a timely basis; the possibility that our recently-completed tax-free spin-off of our former Fuel Systems and Aftermarket segments into a separate publicly traded company will not achieve its intended benefits for us; the failure to promptly and effectively integrate acquired businesses; the potential for unknown or inestimable liabilities relating to the acquired businesses; our dependence on automotive and truck production which is highly cyclical and subject to disruptions; our reliance on major OEM customers; the extent, duration, and impact of the recent and any future strikes involving some of our OEM customers and any actions such OEM customers take in response; fluctuations in interest rates and foreign currency exchange rates; our dependence on information systems; the uncertainty of the global economic environment; the outcome of existing or any future legal proceedings, including litigation with respect to various claims, or governmental investigations, including related litigation; future changes in laws and regulations, including, by way of example, taxes and tariffs, in the countries in which we operate; impacts from any potential future acquisition or disposition transactions; and the other risks noted in reports that we file with the Securities and Exchange Commission, including Item 1A, "Risk Factors" in our most recently filed Form 10-K and/or Quarterly Report on Form 10-Q. We do not undertake any obligation to update or announce publicly any updates to or revisions to any of the forward-looking statements in this release to reflect any change in our expectations or any change in events, conditions, circumstances, or assumptions underlying the statements.

**PR-Kontakt:**

Anna Penava

Telefon: +49 7141-132-753

E-Mail: [mediacontact.eu@borgwarner.com](mailto:mediacontact.eu@borgwarner.com)