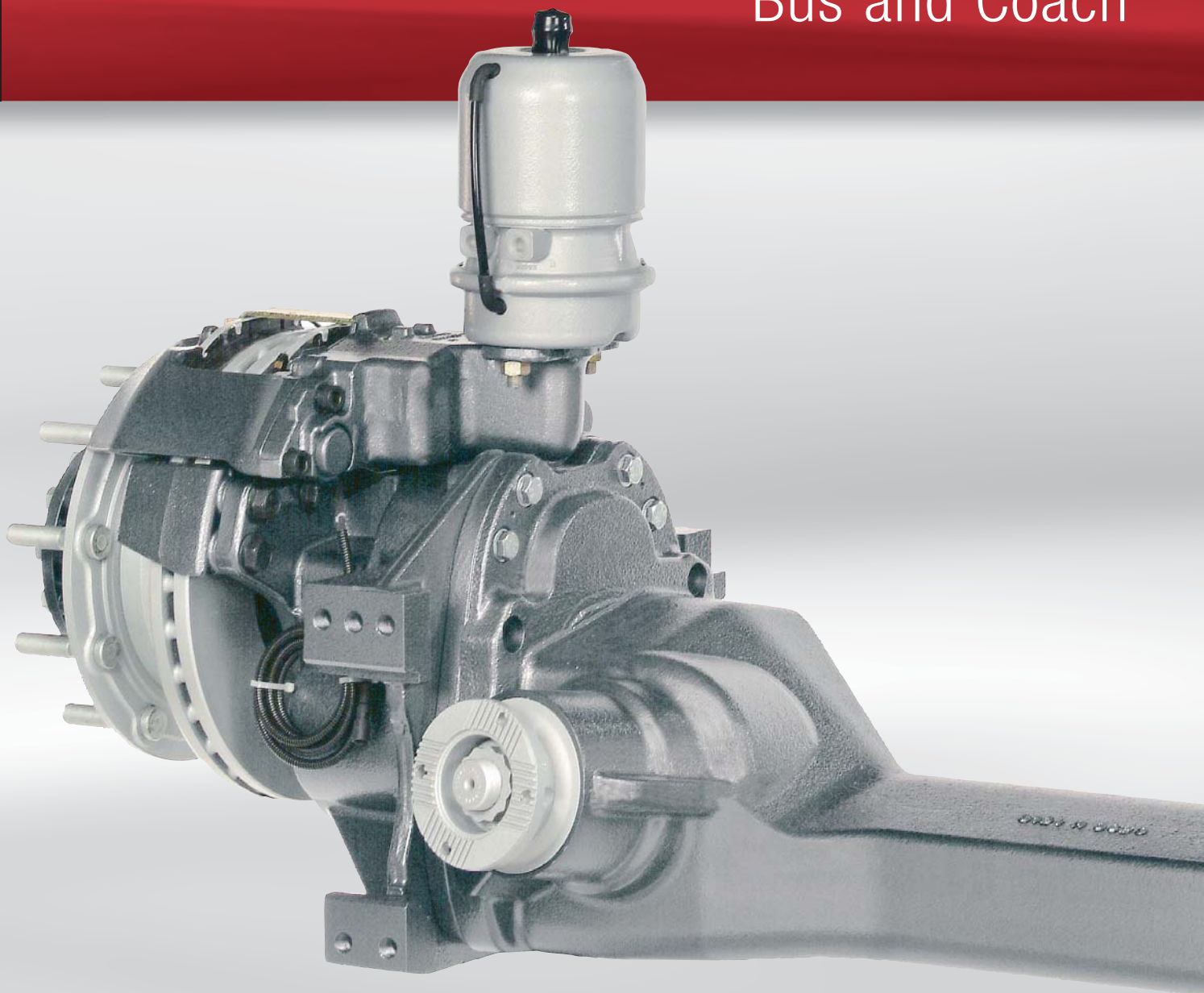


Commercial Vehicle Systems

Bus and Coach



For almost 100 years, ArvinMeritor has engineered and built a wide variety of components exclusively for transit bus and coach applications.

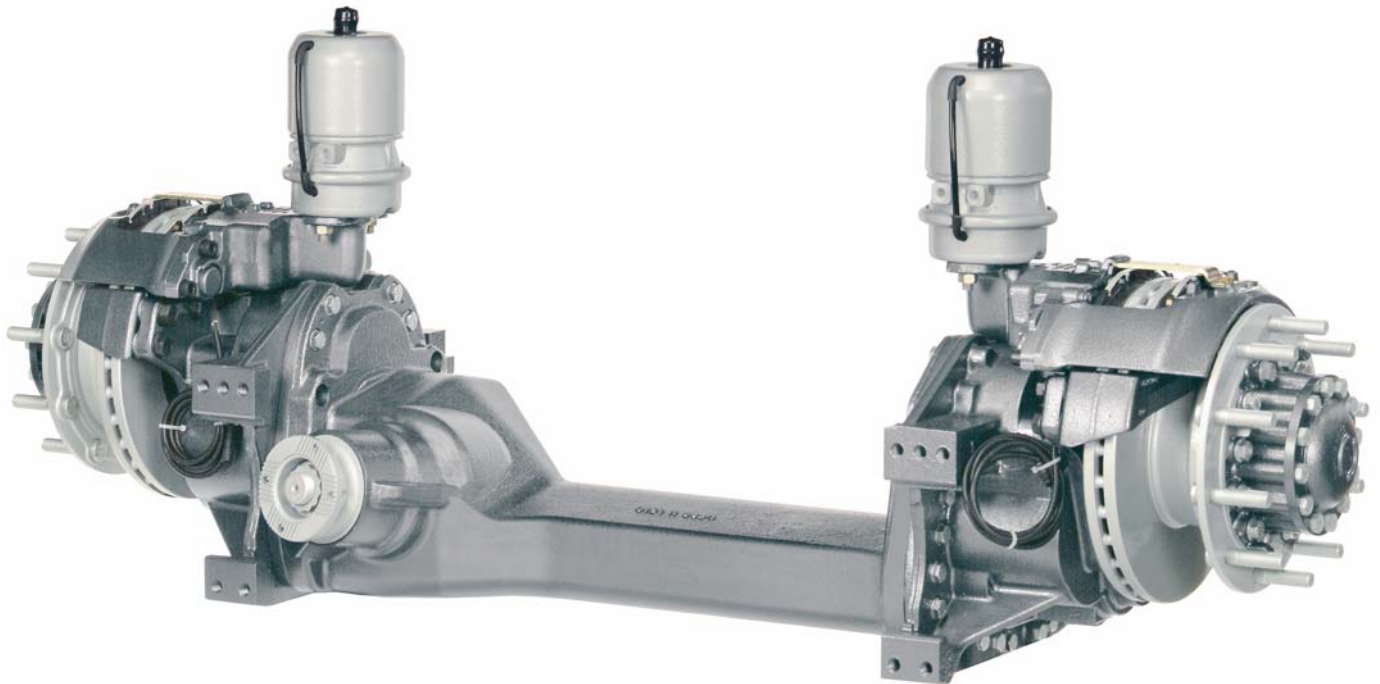
The company's Meritor® brand components are designed to effectively meet the extremes of operating conditions that these vehicles endure, from urban stop-start city bus applications to high-speed, long-distance coach operations.

In addition to a wide range of bus and coach drive axles, ArvinMeritor produces a wide variety of braking systems, drivelines and ride control products, including independent wishbone-type suspension systems. ArvinMeritor also produces electric drive axles for mid- and full-size buses as part of collaborative partnerships.



MERITOR®

an **ArvinMeritor** brand



2nd Generation Inverted Portal Axle (IPA2G)

The new IPA 2G configuration, suitable for twin tyres and super single tyres, allows the bus manufacturer to provide a city-bus layout with the widest aisle and lowest floor over the axle.

- GAWR : 13 tonnes
- GVWR : up to 28 tonnes
- Brakes : Meritor® ELSA225 as standard (Other brands as option)
- Cartridge type wheel bearing
- Standard Drop of 169mm and Super Drop of 184mm (up to 40mm more than currently available)
- Side Gear Case with double-stage reduction 3.17:1

ME26-720 Ultra Low Floor Axle (ULFA)

The Meritor® Ultra Low Floor Axle is designed for hybrid propelled city bus applications and is part of the Siemens ELFA-Meritor Electric Drive System. Configured for twin and super-single tyres, the ULFA allows the vehicle to maintain a stepless passenger floor height throughout.

- GAWR : 13 tonnes
- GVWR : up to 19 tonnes
- Brakes : Meritor® ELSA225 as standard
- Cartridge type wheel bearing
- Gearing : Bevel and planetary double reduction, all ground gears
- Ratio : Bevel 3.21 to 4.80 with planetary fixed at 5.60
- Twin drive motors (Siemens PV-5135) rated at 67kW



ArvinMeritor B.V.
 Antareslaan 47
 2132 JE Hoofddorp
 Netherlands
 Tel: +31 23 56 90 300
 Fax: + 31 23 56 15 829
 www.arvinmeritor.com

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