Advanced Technology Drive Axles Developed Specifically for Class 4 and Class 5 Commercial Vehicles

Ideal for a variety of truck applications including conventional vans, walk-in vans, motorhomes, utility, landscape, and city delivery trucks.

Features:
- HPD™ (High Power Density) features result in higher capacity gearing with minimized weight and cost.
- New one-piece steel forged ring gear support system for increased stiffness and greater tooth contact.
- GenTech™ hypoid gearing specifically designed and processed for reduced noise transmission results in quieter vehicle operation for people transit applications.
- Larger, higher capacity bearings for longer life at higher loads.
- Thick steel wall, hot-formed, square-edge, high strength axle housing designed for a variety of applications.
- Oval carrier and housing design for increased ground clearance.
- Integral pinion bearing system for greater strength and reduced variation.
- Popular range of axle ratios from 3.31 to 6.50 to cover a variety of vehicle configurations.
- Large precision-forged wheel differential designed for the most demanding applications.

Low Maintenance Features:
- Exclusive Micro-Lip XL™ design pinion seal and slinger system keeps lube in and contamination out.
- Patented no-maintenance axle venting system.
- Extended 250,000 mile lube drain interval with synthetic lube and oil bath seals.

Optional Features:
- Limited-slip differential for improved traction on a variety of surfaces.
- Ring gear mounted ABS tone wheel and carrier mounted sensor or wheel-end ABS sensors.
- Variety of narrow and wide-track axle housings available.
- Carrier mounted parking brake or electromagnetic retarder for reduced vehicle complexity and improved performance.
Model Nomenclature:

S14-110 Specifications:
- GAWR Max.: 14,000 lbs. max.
- Ratio Coverage: 3.31, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 4.88, 5.13, 5.38, 5.57, 5.86, 6.14, 6.50
- Gear Size: 11.8” dia. min.
- Hypoid Offset: 1.4”
- Axle Shaft: 1.57” dia.
- Housing Box: 4.25” x 4.25”
- Housing Wall: .31”
- Weight (dry): 345 lbs.
- Lube Capacity: 16 pts.

S14-110 Applications:
- Vehicle:
  - GVWR: 23,500 lbs. max.
  - GCVR: 35,000 lbs. max.
- Engine Power: 310 hp max.
- Engine Torque: 600lb-ft max.
- Tires: 16”, 17.5” & 19.5” typical

S14-110 Options:
- D - Differential Lock
- I - Integral Brake
- L - Limited-Slip
- R - Retarder/Parking Brake Ready
- W - Wide Track

S16-130 Specifications:
- GAWR Max.: 16,000 lbs. max.
- Ratio Coverage: 3.31, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 4.88, 5.13, 5.38, 5.57, 5.86, 6.14, 6.50
- Gear Size: 12.20” dia. min.
- Hypoid Offset: 1.4”
- Axle Shaft: 1.61” dia.
- Housing Box: 4.25” x 4.25”
- Housing Wall: .39”
- Weight (dry): 367 lbs.
- Lube Capacity: 16 pts.

S16-130 Applications:
- Vehicle:
  - GVWR: 26,400 lbs. max.
  - GCVR: 40,000 lbs. max.
- Engine Power: 310 hp max.
- Engine Torque: 600lb-ft max.
- Tires: 16”, 17.5” & 19.5” typical

Limited Slip Option:
- Multi-function traction system provides continuous, uninterrupted torque output.
- Durable, simple design and effective.

Spicer® Gearing:
- Unitized gear and case forging improves stiffness.
- Long face widths increase contact ratio.
- Design provides smooth, quiet operation.

Dana Commercial Vehicle Products Group
3939 Technology Drive
Maumee, Ohio, USA 43537
www.dana.com