

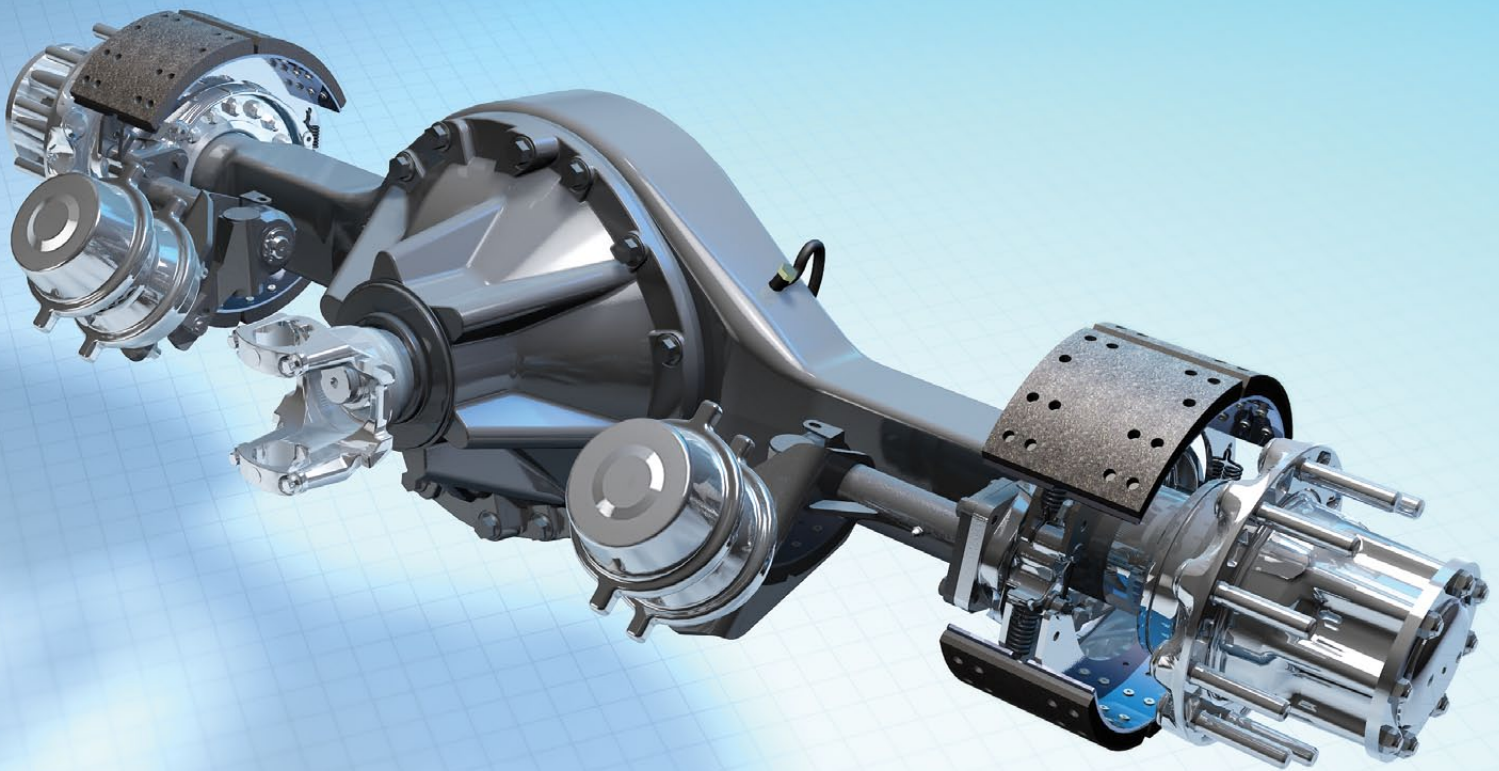
Spicer® S170 and S190 Series Heavy-Duty Single Reduction Single Drive Axles

Designed for a variety of vocational applications ranging from 21,000 (9,525 kg) to 30,000 lbs (13,608 kg) GAWR



SPICER®

Drivetrain Products



Spicer® heavy-duty single reduction single drive axles feature extra wide face-width gearing and a larger wheel differential gearing for added durability with higher horsepower engines. Ideal for linehaul, construction, city delivery, school bus, rescue, refuse, recreational, and intercity coach vehicle applications.



Spicer® S170 and S190 Series

Heavy-Duty Single Reduction Single Drive Axles

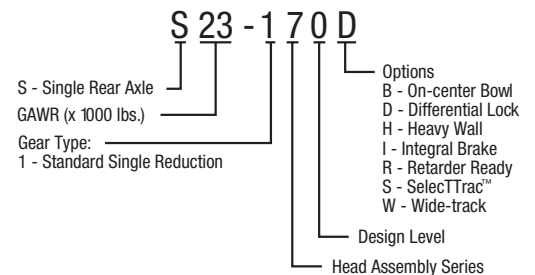
Industry proven reliability, combined with a significant weight savings, improved fuel economy, and greater power density all work to provide maximum performance across a wide range of commercial-vehicle applications.

Features	Benefits
High-capacity gearing and bearing system	Durability and reliability with higher horsepower/torque engines
Forged, heat-treated steel differential case	Significantly stronger for increased gear and bearing life
Integrated ring gear and wheel differential mounting system	Eliminated bolted joint for improved dependability
Integral pinion cage and carrier	Removes leak path
Strong, lightweight, asymmetrical housing for 21,000 through 26,000 lbs. axles	Less deflection
Optional wide-track axle	Super single tires and maximum stability
Patented axle breather design	Unrestricted flow eliminates repairs
Integral welded suspension brackets	Increased strength and durability
250,000-mile initial lube drain with Dana approved lubricants	Longer drive time
Optional SelecTTrac™, driver controlled wheel differential lock, LMS™ and UHS hub	Enhanced performance and durability

Specifications

MODEL	GAWR lbs. (kg)	NOMINAL GCW lbs. (kg)	RATIOS
S21-170	21,000 (9,525)	100,000 (45,359)	3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17
S21-190	21,000 (9,525)	125,000 (56,699)	2.53, 2.69, 2.87, 2.93, 3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17, 7.83
S23-170	23,000 (10,433)	100,000 (45,359)	3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17
S23-190	23,000 (10,433)	125,000 (56,699)	2.53, 2.69, 2.87, 2.93, 3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17, 7.83
S25-170	25,000 (11,340)	100,000 (45,359)	3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17
S26-190	26,000 (11,793)	125,000 (56,699)	3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17, 7.83
S30-190	30,000 (13,608)	125,000 (56,699)	3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17, 7.83

Nomenclature



Larger wheel differential gearing adds strength and maximizes power density.

Dana Commercial Vehicle Driveline Technologies

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Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.