

# Spicer® Single Reduction Single Drive Axles



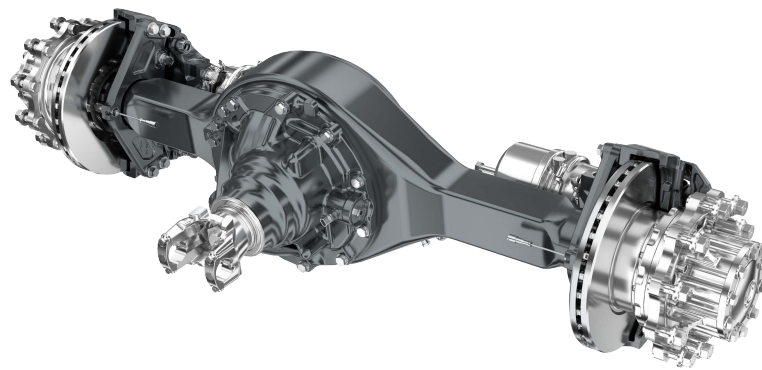
# SPICER®

Drivetrain Systems

S170 Series  
S190 Series

The S170 and S190 Series axles are designed to handle single trailer linehaul, construction, refuse, city delivery, fire and rescue, and other demanding applications.

**Single reduction axles  
ideally suited for a  
variety of applications  
up to 63 Tonnes GCM.**



FEATURES	BENEFITS
Ratio coverage from 3.07 to 7.83. Contact Dana for specific model coverage.	Broad ratio coverage allows maximum performance across a variety of vocations.
Extra wide face-width gearing.	Greater strength for added durability over previous models.
High capacity gearing and bearing system.	Durability and reliability with higher horsepower/torque engines.
Forged, heat-treated steel differential cases.	Stronger for increased gear and bearing life over previous models.
16 large, fine-pitch, M20 bolt ring gear fasteners.	High clampload for reliable performance.
Integrated ring gear and wheel differential mounting system.	Eliminates bolted joint for improved reliability.
Large wheel differential gearing.	Maximum strength, higher power density.
Integral pinion cage and carrier.	Added strength and eliminates a leak path.
Strong, lightweight, asymmetric housing for 21,000 through 26,000 lb. axles.	Added strength with less deflection than previous models.

# SPICER®

Drivetrain Products

# Spicer® S170 and S190 Series Single Reduction Single Drive Axles

## Specifications:

MODEL	GAWR (kg)	NOMINAL GCM (kg)*	RATIOS
S23-170	10,435	45,000	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
S25-170	11,343	50,000	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	11,797	63,000	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

\*Varies with application.

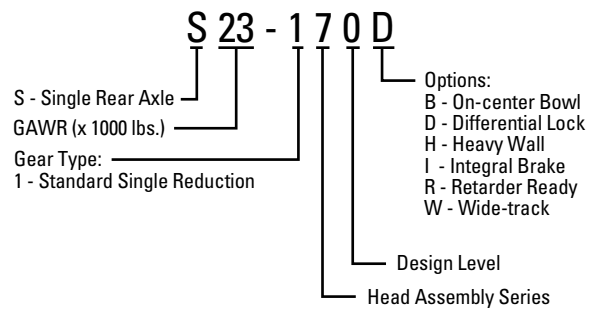
Commonly Stocked Ratios

Applications require Spicer Heavy Axle & Brake Division Engineering approvals.

## A full range of available options for optimal operation and durability with less required maintenance.

- Driver-controlled wheel differential lock for maximum traction.
- Large differential lock clutch teeth for increased strength and durability.
- Patented axle breather design allows unrestricted air flow – a no maintenance feature.
- Integral welded suspension brackets for increased strength and durability.

## Nomenclature:



Extra wide face-width gearing provides greater strength for increased durability.



Larger wheel differential gearing means maximum strength and high power density over previous models.

For spec'ing or service assistance, call (03) 9213-5555 or visit our website at [www.dana.com.au](http://www.dana.com.au)

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Drivetrain Products