

DANA

Spicer® Single Reduction Single Drive Axles

S170 Series
S190 Series

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

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



FEATURES

Ratio coverage from 3.07 to 7.83. Contact Dana for specific model coverage.

Extra wide face-width gearing.

High capacity gearing and bearing system.

Forged, heat-treated steel differential cases.

16 large, fine-pitch, M20 bolt ring gear fasteners.

Integrated ring gear and wheel differential mounting system.

Large wheel differential gearing.

Integral pinion cage and carrier.

Strong, lightweight, asymmetric housing for 21,000 through 26,000 lb. axles.

BENEFITS

Broad ratio coverage allows maximum performance across a variety of vocations.

Greater strength for added durability over previous models.

Durability and reliability with higher horsepower/torque engines.

Stronger for increased gear and bearing life over previous models.

High clampload for reliable performance.

Eliminates bolted joint for improved reliability.

Maximum strength, higher power density.

Added strength and eliminates a leak path.

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.

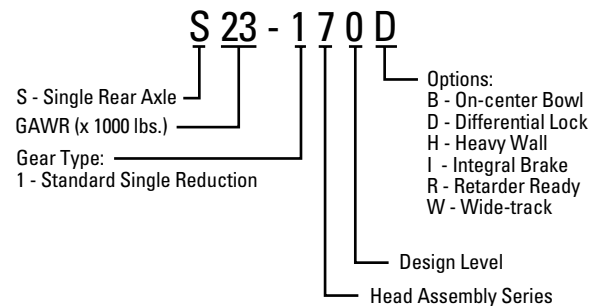
Commonly Stocked Ratios

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

Dana Australia Pty Ltd
 39-45 Wedgewood Road
 Hallam, VIC 3803 Australia

www.dana.com.au

SPICER®
 Drivetrain Products