

DANA

Spicer® Single Reduction Heavy-Duty Tandem Drive Axles

D170 Series

The family of
heavy-duty tandems
for applications up to
133 Tonnes GCM*.

The new D170 Series tandems are ideal for construction, linehaul, logging, refuse, and B double applications.



FEATURES

BENEFITS

| | |
|--|---|
| Ratio coverage from 3.07 through 7.17:1. | Broad ratio coverage allows maximum flexibility. |
| Extra wide face-width gearing. | Greater strength for added durability. |
| 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. |
| 16 large, fine-pitch, M20 bolt ring gear fasteners. | High clamp load 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. |
| Best-in-class interaxle driveline angles. | Reduces driveline torsionals for less vibration and wear. |

SPICER®

Drivetrain Products

*133 tonnes available only with written application approved by Dana.

Spicer® D170 Series Single Reduction Tandem Drive Axles

Specifications:

| MODEL | GAWR (kg) | NOMINAL GCM (kg)* | RATIOS |
|---------|-----------|-------------------|---|
| D46-170 | 20,800 | 110,000 | 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, |
| D50-170 | 22,600 | 131,000 | 6.83, 7.17 |

*Varies with application.

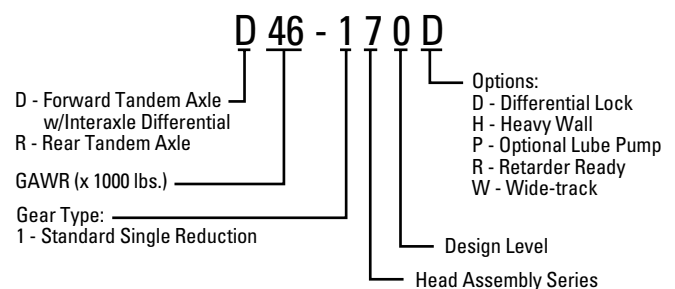
Commonly stocked ratios

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. Available on both forward and rear axle.
- Patented axle breather design allows unrestricted air flow – a no maintenance feature.
- Integral welded suspension brackets for increased strength and durability.
- Standard lube pump does not require external filters or filter changes.
- Wheel differential lock feature can be field retrofitted through the life of the vehicle.

Nomenclature:



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



Larger wheel differential gearing means maximum strength and reliability over previous models.



Patented, on-demand lube pump for optimal spin-out protection without the added heat.

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