

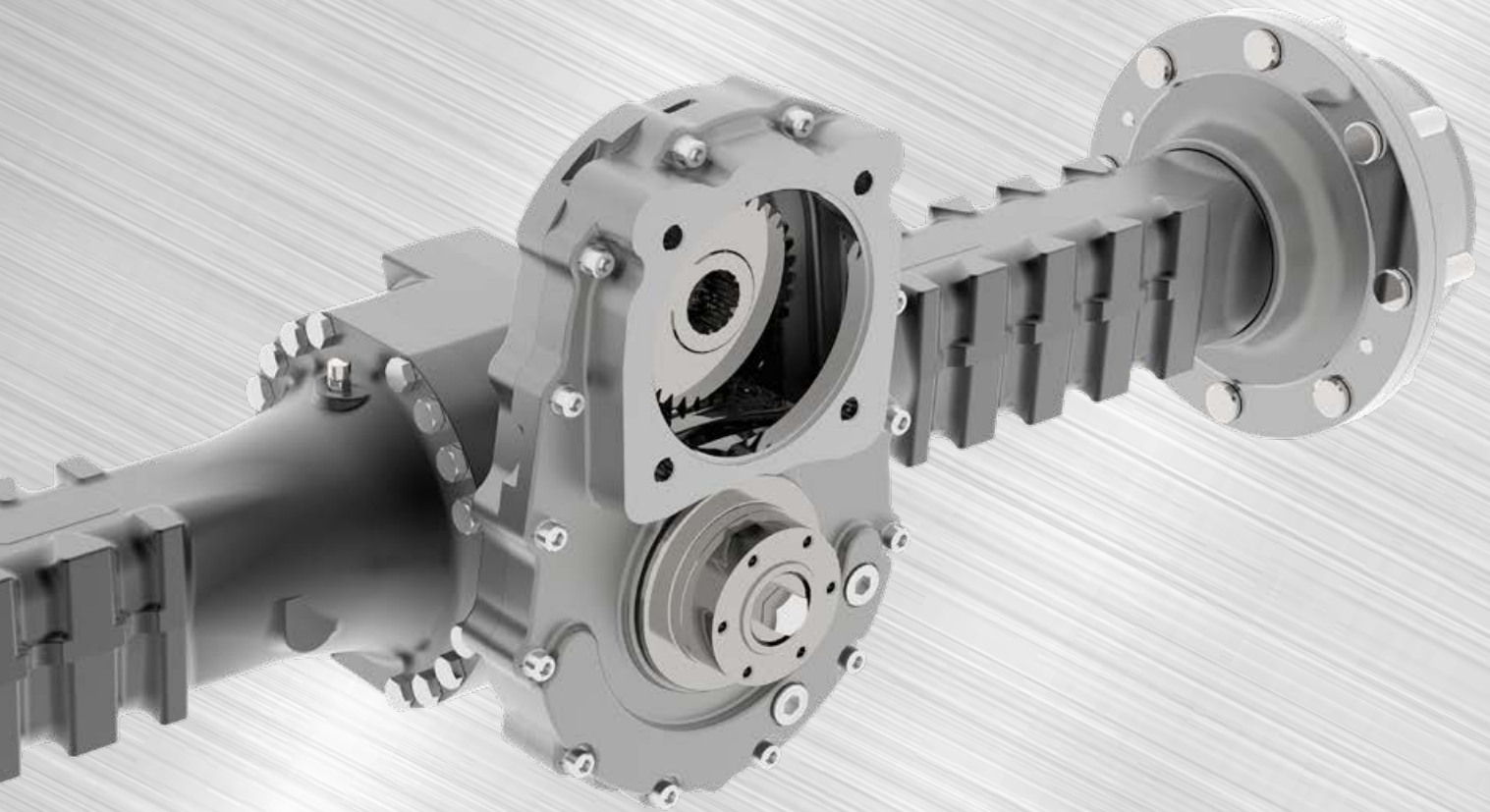


**SPICER®**

Drivetrain Systems

# Spicer® 111

## Planetary Non-Steering Axle



Engineered for a **variety of off-highway applications** based on a **proven modular design approach**.

# Spicer® 111

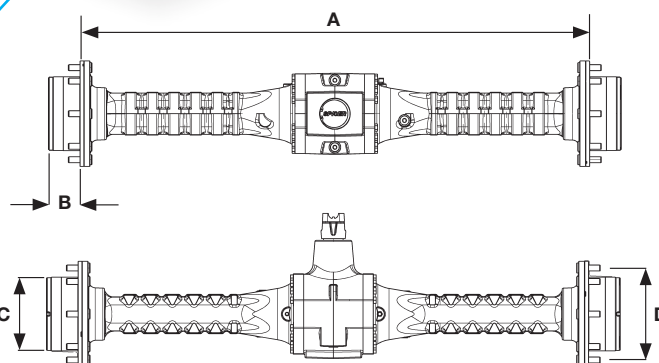
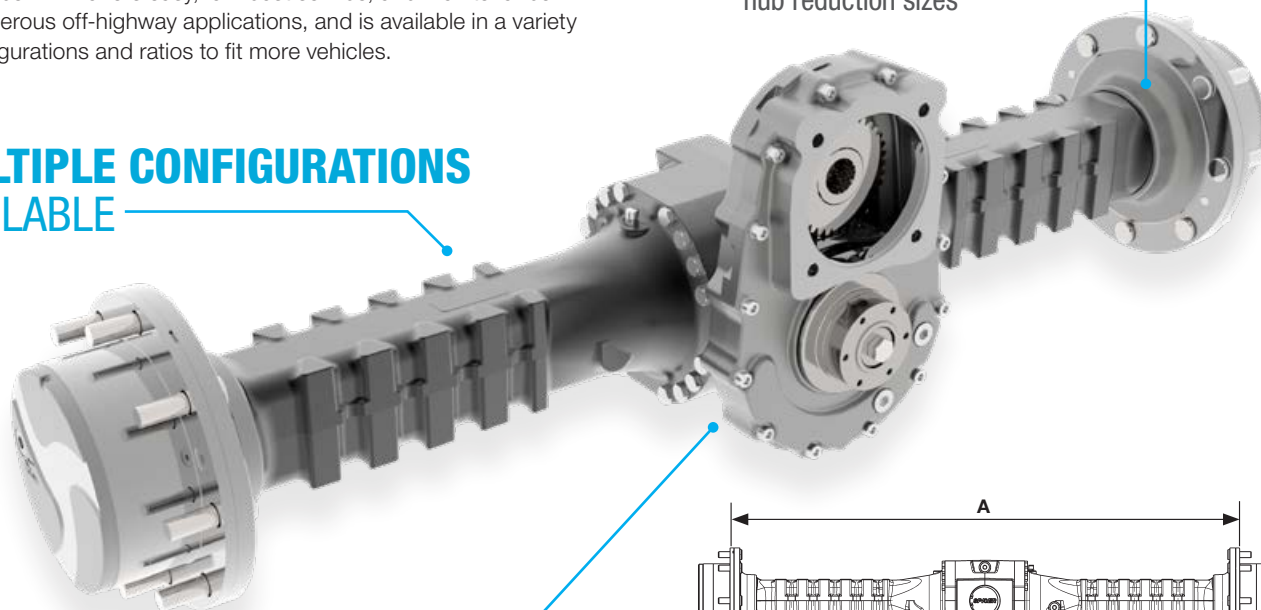
## Planetary Non-Steering Axle

The Spicer® 111 offers easy, low-cost service, and maintenance for numerous off-highway applications, and is available in a variety of configurations and ratios to fit more vehicles.

**WIDE RANGE OF RATIOS AVAILABLE**  
due to bevel set and two different hub reduction sizes

**MULTIPLE CONFIGURATIONS AVAILABLE**

**SUITABLE FOR HYDROSTATIC OR HYDRODYNAMIC DRIVELINE**



Technical Data	
Planetary Reduction Ratio	1:4.235, 1:6.000
Bevel Set Ratios	1:1.821, 1:2.040, 1:2.133, 1:2.285, 1:2.461, 1:2.571, 1:2.818, 1:3.222, 1:3.444, 1:3.500, 1:3.625, 1:3.875, 1:4.125, 1:4.375
Maximum Output Torque (Nm)	14000 with 1:4.235; 20000 with 1:6.000
Load Capacity (daN); Static	11000
Load Capacity (daN); Dynamic	5500

Installation Dimensions (mm)	
A – Flange to Flange	1010, 1270, 1400, 1530, 1660, 1790 or 1920
B – Planetary Hub Length	95 or 100
C – Wheel Pilot Diameter	160 or 220
D – Wheel Bolt Circle Diameter	205 or 275

Design Features	
Axle Mounting	Rigid mounting on axle housing, trunnion pivot mounting, TP clevis
Input Flange Options	DIN 90/100/120, end yoke 1410, Spicer® Wing® Series 4C/5C, Dana 1350/1410, Dana 1480/1550, SAE 1305/1310/1315
Double Reduction Planetary Wheel End	Bevel set in center section and final hub reduction at wheel
Service Brakes	4-disc single brake (wet discs brake integrated), 6-disc single brake (wet discs brake integrated), 6-disc dual brake (wet discs brake integrated), dry disc caliper Ø 266 mm
Differential Options	Open, limited slip 45%, 100% mechanical lock hydraulic applied, 100% clutch lock hydraulic applied
Dropbox Options	305, 311, 315, 357, 367, 603

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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.



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