

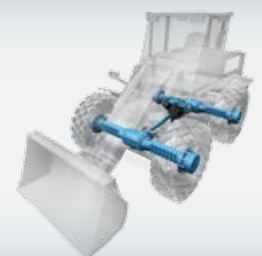
Spicer® Model 123 Rigid Planetary Axle



SPICER®
Off-Highway Systems

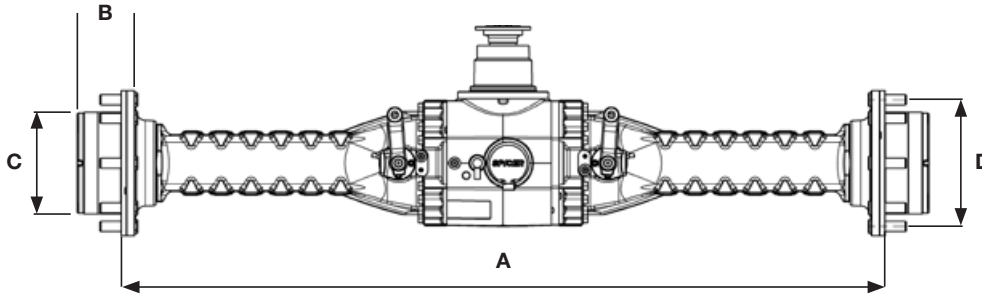


Robust design features provide maximized ground clearance and long vehicle life, while eliminating maintenance costs.



Spicer® Model 123 Rigid Planetary Axle

Specifically designed to address the needs of the construction industry, Spicer® Model 123 rigid planetary axles feature self-adjusting internal wet disc service brakes, which eliminate the cost of brake replacement. Customers also have a choice of several torque-biasing differentials and park brake options for complete product customization.



Design Features

Axle Mounting	Pad, CL trunnion, TP clevis
Input Flange Options	Hydraulic motor, DIN 120/150, Mechanics 5C/6C/7C, end yoke 1410/1480, SAE 1410, Dana 1480
Double Reduction Planetary Wheel End	Bevel set in center section and final hub reduction at wheels
Service Brakes	6 discs, wet disc brakes (integrated), internal SAHR
Differential Options	Open, limited slip 30%/45%, no-spin, 100% mechanical lock

Installation Dimensions (mm)

A – Flange to Flange	1,080, 1,400, 1,660, 1,790, 1,920
B – Planetary Hub Length	160
C – Wheel Pilot Diameter	280.8 or 370
D – Wheel Bolt Circle Diameter	335 or 425

Technical Data

Planetary Reduction Ratio	1:6.00
Bevel Set Ratios	1:2.143, 1:2.286, 1:2.462, 1:3.100, 1:3.444, 1:3.667, 1:3.875, 1:4.125, 1:4.375
Maximum Output Torque (daNm)	5,300
Load Capacity (daN); Static	24,000
Load Capacity (daN); Dynamic	12,000

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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.