

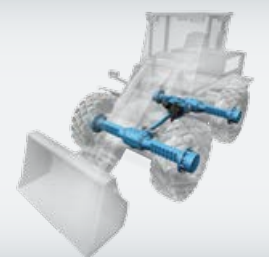
# Spicer® Model 113 Rigid Planetary Axle



**SPICER®**  
*Off-Highway Systems*

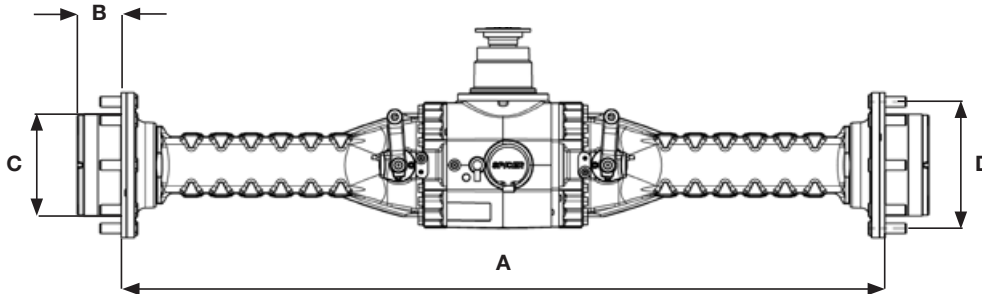


Cost-effective, maintenance-free axles offer high reverse torsional capability and increased efficiency.



# Spicer® Model 113 Rigid Planetary Axle

Spicer® Model 113 rigid planetary axles deliver superior tractive force and nimble vehicle steering for front end loader applications. Inboard wet disc brakes are maintenance-free, eliminating the cost of brake replacement. These axles are available with several differential options to accommodate customer needs.



## Design Features

<b>Axle Mounting</b>	Pad, CL trunnion or TP clevis
<b>Input Flange Options</b>	Hydrostatic motor, DIN 120/150, Mechanics 5C/6C/7C, end yoke 1410/1480, SAE 1410, Dana 1480-1550
<b>Double Reduction Planetary Wheel End</b>	Bevel set in center section and final hub reduction at wheels
<b>Service Brakes</b>	6 discs, wet disc brakes (integrated), internal SAHR
<b>Differential Options</b>	Open, limited slip 30%/45%, no-spin, 100% mechanical lock

## Installation Dimensions (mm)

<b>A – Flange to Flange</b>	1,080, 1,530, 1,920, 2,050
<b>B – Planetary Hub Length</b>	160
<b>C – Wheel Pilot Diameter</b>	280.8 or 370
<b>D – Wheel Bolt Circle Diameter</b>	335 or 425

## Technical Data

<b>Planetary Reduction Ratio</b>	1 : 6.000
<b>Bevel Set Ratios</b>	1:2.462, 1:3.091, 1:3.222, 1:3.444, 1:3.667, 1:4.125, 1:4.375
<b>Maximum Output Torque (daNm)</b>	65,000
<b>Load Capacity (daN); Static</b>	30,000
<b>Load Capacity (daN); Dynamic</b>	15,000

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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.