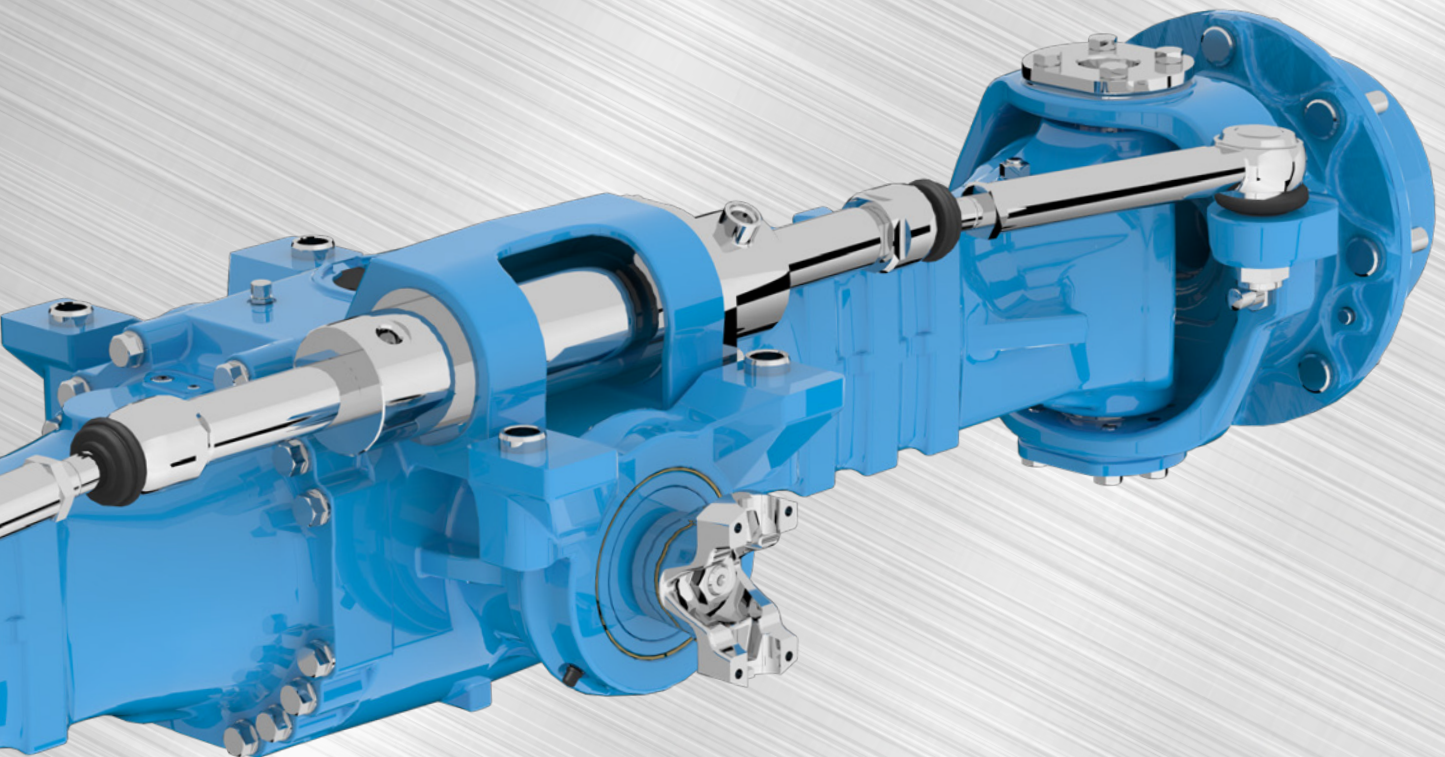# Spicer® 212
Planetary Steering Axle

*Engineered for a **variety of off-highway applications** based on a **proven modular design approach.***
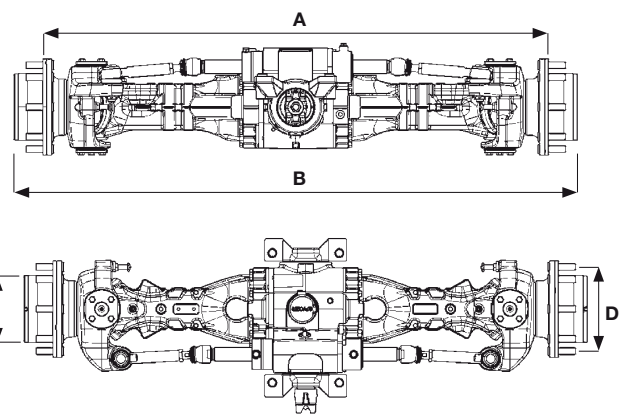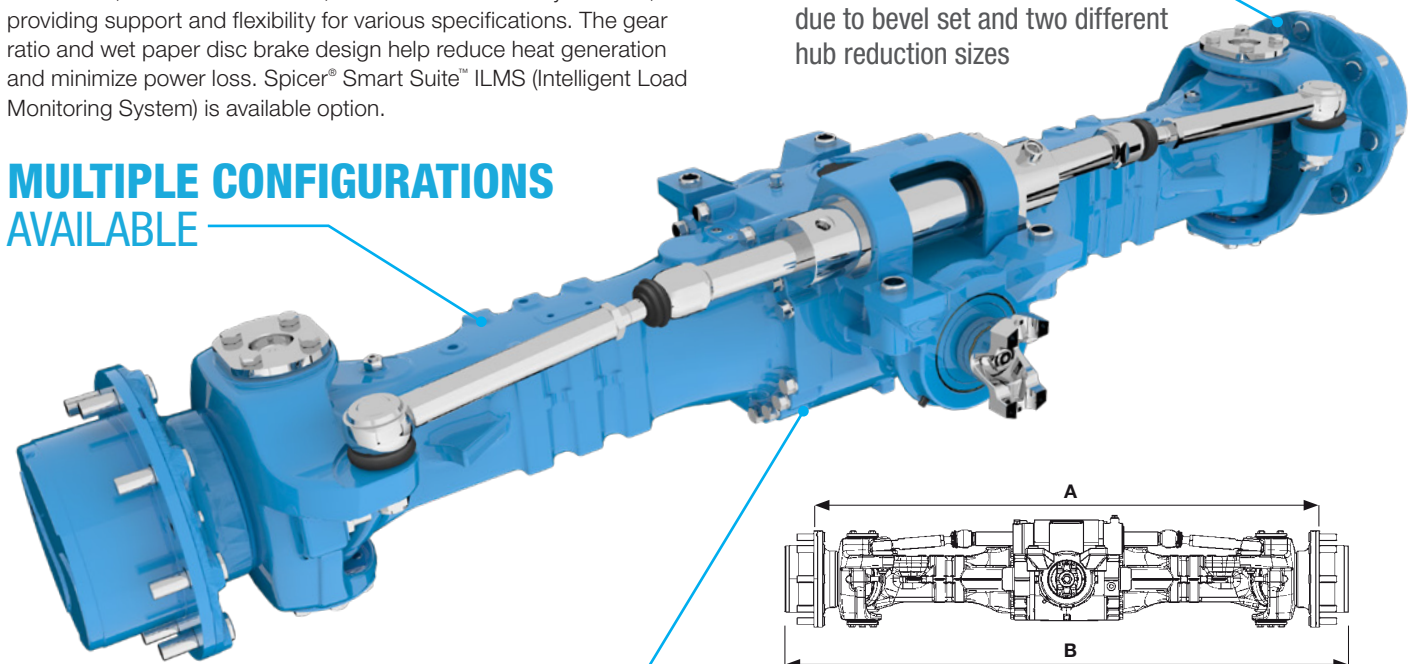
Spicer® 212
Planetary Steering Axle

The Spicer® 212 axle family offers multiple configurations for telehandler, wheeled excavators, wheel loader and utility vehicles, providing support and flexibility for various specifications. The gear ratio and wet paper disc brake design help reduce heat generation and minimize power loss. Spicer® Smart Suite™ ILMS (Intelligent Load Monitoring System) is available option.

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

MULTIPLE CONFIGURATIONS AVAILABLE

SUITABLE FOR **HYDROSTATIC, HYDRODYNAMIC** AND **ELECTRIC DRIVELINE**

Technical Data	
Planetary Reduction Ratio	1:6.000, 1:6.923
Bevel Set Ratios	1:2.133, 1:2.286, 1:2.571, 1:2.818, 1:2.917, 1:3.091, 1:3.182, 1:3.444, 1:3.556, 1:3.778, 1:3.875, 1:4.125, 1:4.375
Maximum Output Torque (Nm)	34000 with 1:6.000 40000 with 1:6.923
Load Capacity (daN); Static	16000
Load Capacity (daN); Dynamic	8000

Installation Dimensions (mm)	
A – Flange to Flange	1660, 1790, 1920, 2050, 2100, 2115, or 2180
B – Planetary Hub Length	from 95 to 128
C – Wheel Pilot Diameter	220.45 or 279
D – Wheel Bolt Circle Diameter	275 or 335

Design Features	
Axle Mounting	Pad, Trunnion, TP Clevis, TP Tunnel
Input Flange Options	Hydrostatic Motor, DIN 100 / 120, Mechanics 5C, End Yoke 1410/1480, SAE 1410, SAE 1410 with 603 Dropbox
Double Reduction Planetary Wheel End	Bevel set in center section and final hub reduction at wheels
Service Brakes	6-disc dual brake (wet discs brake integrated), 8-disc dual brake (wet discs brake integrated), dry disc caliper
Differential Options	Open, Limited Slip 45%, 100% Lock
Maximum Steering Angle	From 40° to 55°

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DANA **SPICER®**
Drivetrain Systems