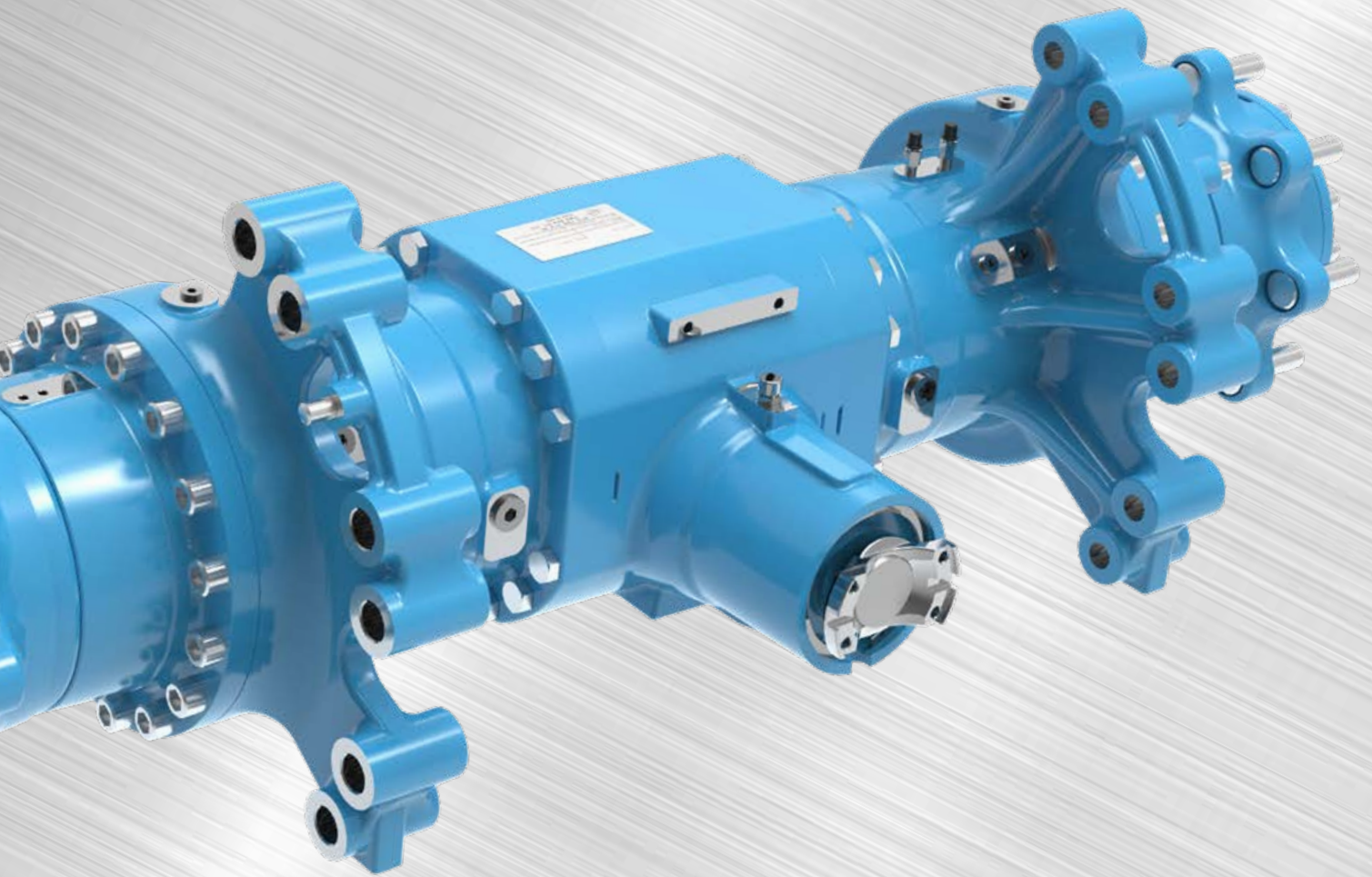




SPICER®

Drivetrain Systems

Spicer® 141 Rigid Planetary Axle



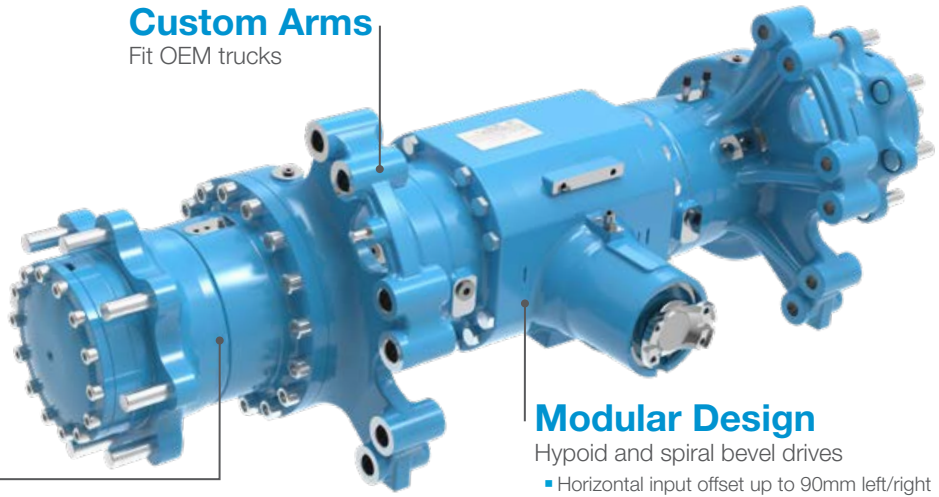
*Maximized load capacity
for Class IV and V
industrial lift trucks.*

Spicer® 141

Rigid Planetary Axle

The Spicer® 141 offers scalable modular solutions uniquely designed for Class IV and V industrial lift trucks and is built to carry heavy loads while offering durability, reliability, and ease of maintenance.

Custom Arms
Fit OEM trucks



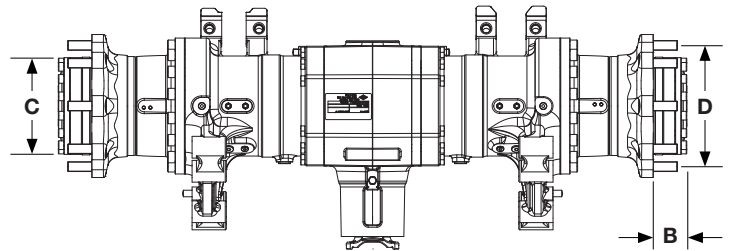
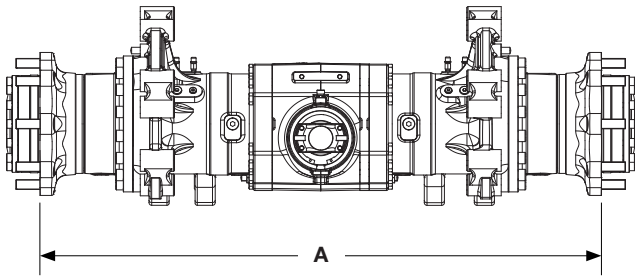
Auto-park Brake

Spring applied hydraulic release (SAHR)

Modular Design

Hypoid and spiral bevel drives

- Horizontal input offset up to 90mm left/right
- Hypoid vertical input offset 26mm



Design Features

| | |
|-----------------------------|--|
| Axle Mounting | To customer specifications: Internal cast provisions for frame and mast mounting |
| Overall Ratio | 9.68:1 – 16.52:1 |
| Input Flange Options | 3C Wing type |
| Service Brakes | Hydraulic applied wet disc brake |
| Parking Brake | Internal spring applied hydraulic release (SAHR) brake |
| Differential Options | Open differential |

| Installation Dimensions (mm) | Cushion Version | | Pneumatic Version | |
|---------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------------|
| A – Track Width | 890 – 1,065 single tire | 900 – 1,085 single tire | 960 – 1,125 single tire | 1,190 centerline of dual tires |
| B – Planetary Hub Length | 42.5 | 22.8 | 61.5 | 61.5 |
| C – Wheel Pilot Diameter | 180 | 144 | 180 | 180 |
| D – Wheel Bolt Circle Diameter | 223 | 182 | 223 | 223 |

Technical Data

| | |
|----------------------------------|---|
| Planetary Reduction Ratio | 4.235:1 |
| Tooth Combination | 14/32, 13/32, 13/37, 13/42, 12/42, 10/39 |
| Overall Ratio | 9.68:1, 10.42:1, 12.05:1, 13.68:1, 14.82:1, 16.52:1 |

| | Cushion Version | Pneumatic Version |
|--|-----------------|-------------------|
| Maximum Lifting Capability (kg) | 3,000 | 3,500 |
| Maximum Output Torque (Nm) | 15,000 | 15,000 |
| Load Capacity (N); Static | 26,000 | 26,500 |
| Load Capacity (N); Dynamic | 9,000 | 9,000 |

Dana.com/oh/contact

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.



SPICER®

Drivetrain Systems