



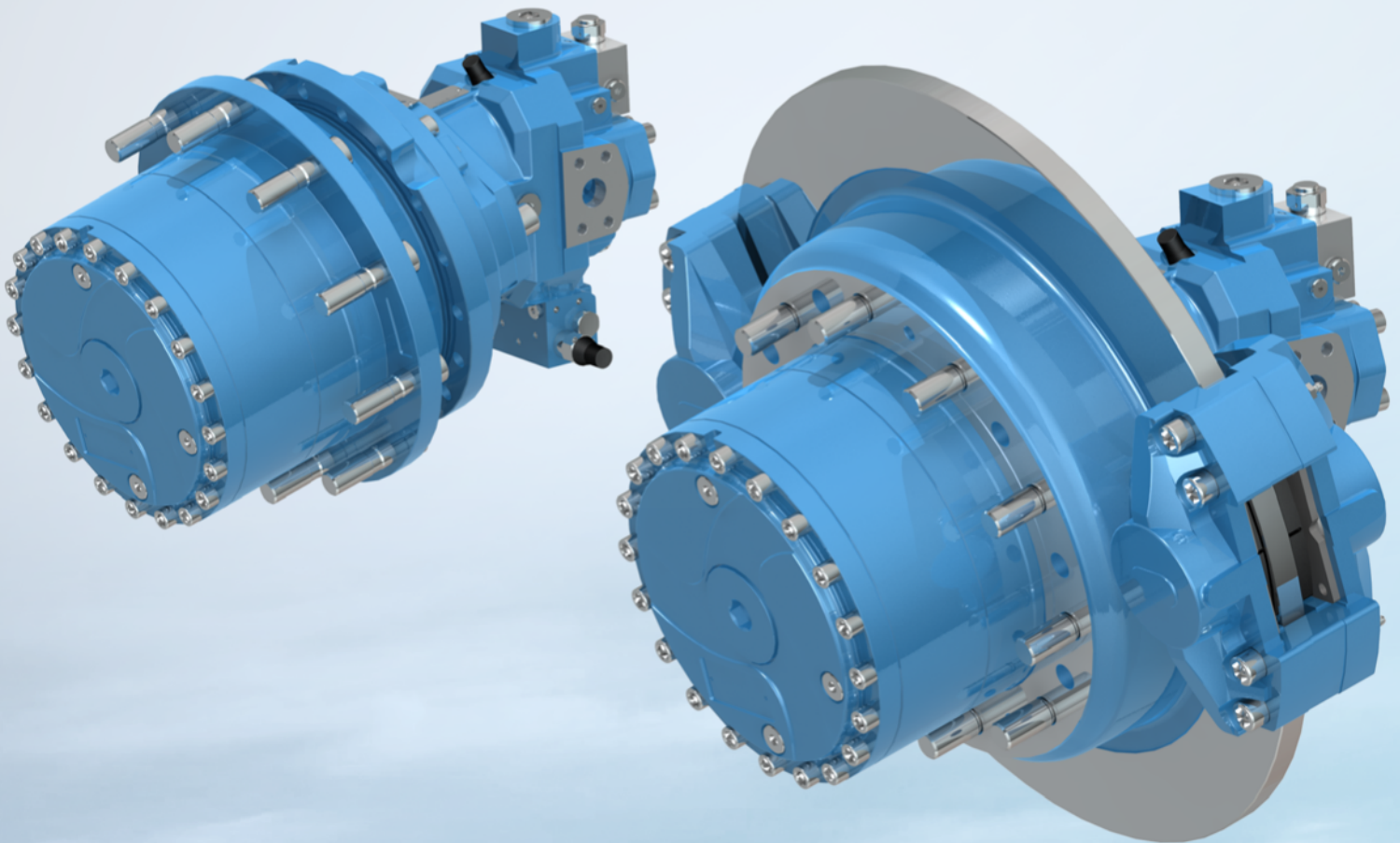
**SPICER®**

Drivetrain Systems

# CWD Series

## Wheel Drives

Output torque 18 kNm



*Spicer® planetary wheel drives are designed for self-propelled, rubber-tired vehicles for Agricultural, Construction, Material Handling, Mining and Forestry applications. Their strength and compact designs ensure the best performance and efficiency in severe environments and heavy-duty operating conditions.*



## CWD Series

### Spicer® Wheel Drives with Brevini® axial piston motor

The compact design of the unit allows the power conveyance from the Brevini® plug-in axial piston hydraulic motor directly to the operating machine, reducing the overall dimension of the hydrostatic transmission. Tapered roller bearings with high radial and axial load capacity assure both an excellent steering mode and strength to the final drive, for severe and heavy-duty conditions.

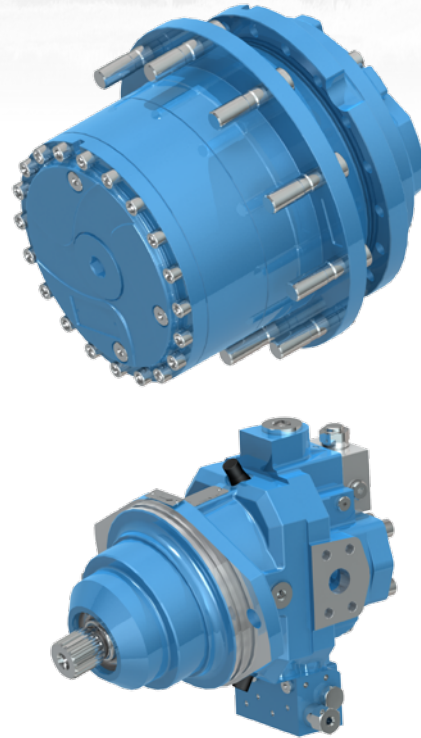
Internal multidisc parking brake in combination with Dynamic Brake System guarantee high braking performances even at high travel speed (up to 50 km/h) for on-road travel homologation, making Dana as One Partner able to supply complete, reliable and integrated hydraulic wheel drive solution.

#### Wheel Drive CWD2150H Technical data for Machines operating weight of 14 ÷ 18 tons

|                       |           |
|-----------------------|-----------|
| Output Torque         | 18 kNm    |
| Reduction Ratio range | 19 ÷ 42   |
| Max. input speed      | 3.500 rpm |

#### Hydraulic Motor SH7VR75 Technical data

|                          |                     |
|--------------------------|---------------------|
| Max. Pressure            | 480 bar             |
| Max. Oil flow            | 320 l/min.          |
| Displacement (min./max.) | (40 / 80,6) cc/rev. |



## Spicer® Wheel Drive range

The Spicer® wheel drives range is made by 12 sizes, with different output torque up to 45 kNm. A wide range of ratios available, in combination with hydraulic or electric motors, assures the best performances and efficiencies in a compact design solution.

### Main features

- Internal multidisc parking brake
- Manual disengagement device for towing
- High radial and axial load capacity bearings
- Suitable for Cartridge and flanged hydraulic motors
- Electric motor connection on demand
- Studs and Nuts for metric and imperial dimensions available
- Special sealing system designed for severe environmental conditions
- Hub and spindle made of high strength material
- Motion control valves with integrated flushing valve and shuttle valve for parking brake opening, available.

[dana.com/brevini](http://dana.com/brevini)

#### 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