



SPICER®

Drivetrain Systems

CW Wheel Drive Series

CW402

Output torque 8 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. .

CW402

Spicer® Wheel Drives

The compact design of the unit allows the power conveyance from the cartridge 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.

This wheel drive has been designed for new generation machine as well as for Electromobility.

The efficiency and lightweight ensure that this product design is the best-in-class for high performance machine, making Dana the perfect partner as solution supplier.

Wheel Drive CW402 Technical data

Output Torque	8 kNm
Reduction Ratio	47
Max. input speed	3.500 rpm
Machine operative weight	8 ÷ 12 tons



Spicer® CW Wheel Drive Range

The CW Spicer® wheel drives range is made by several sizes, with different output torque up to 18 kNm.

The 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
- Motion control valves with different options available
- 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

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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.