

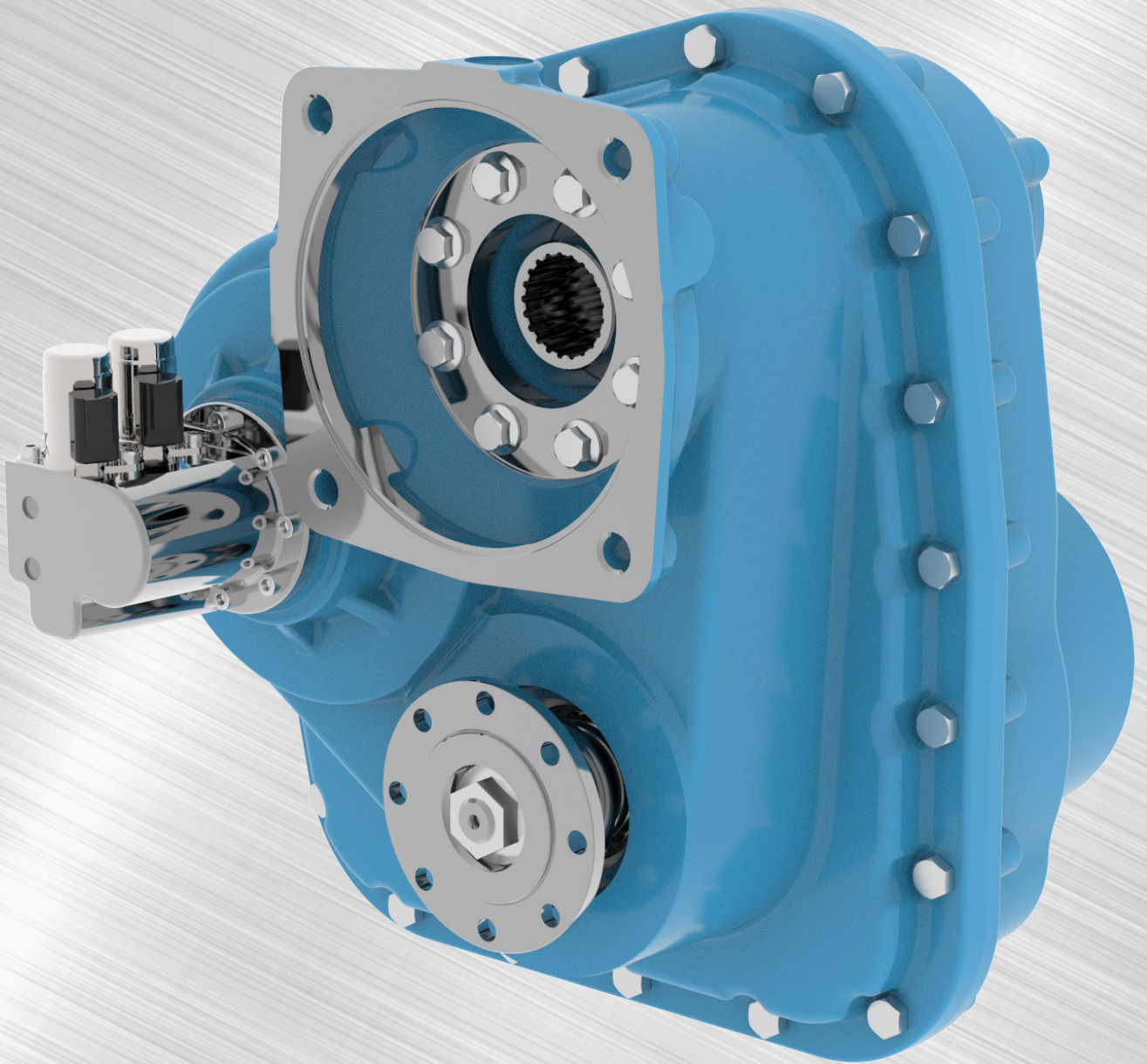


SPICER®

Drivetrain Systems

Spicer® 343

2-Speed Hydrostatic Transmission



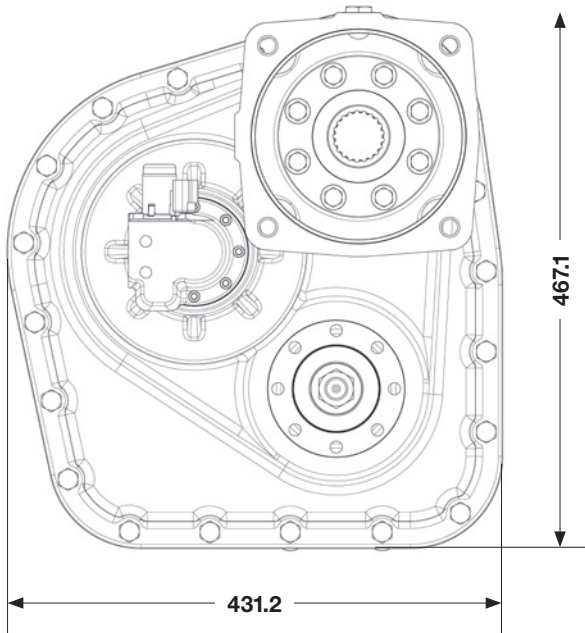
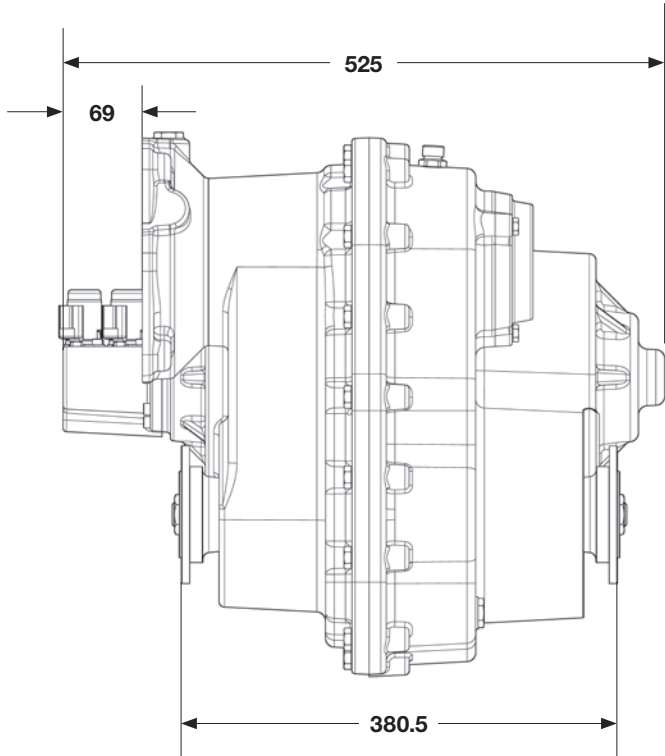
*Delivering **smooth operation** in
wheeled excavators and other
earth-moving applications.*

Spicer® 343

2-Speed Hydrostatic Transmission

The Spicer® 343 is engineered to ensure traction continuity and smooth operations in all conditions, including gear shifts between low and high vehicle speeds. This is realized with two gear ratios engaged by two independent clutch packs which are controlled via two proportional electronic valves (on-off valves available as options). By controlling the volume displacement of the input motor, it is possible to enable the engine to run at its most efficient speed (RPM) for a better fuel economy.

As an alternative, it is also possible to maximize the performance of a vehicle by allowing the engine to turn at the RPM-level at which it produces maximum power or top speed. Traction and smooth operations are supported by the powershift gear shifts.



Measurements in mm

General Rating	
Input Power (kW)	100
Input Maximum (RPM)	5,500
Maximum Input Torque (Nm)	1,000
Mounting Position	Vertical or horizontal
Input/Output Flanges	
End yoke, DIN 120, DIN 150	
Ratios Available	
First Speed — 1: 4.9	
Second Speed — 1: 1.2	
Dimensions – Oil Capacity	
Output Drop Vertical (mm)	220
Oil Capacity (L)	3
Approximate Weight with oil (Kg)	150

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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.



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