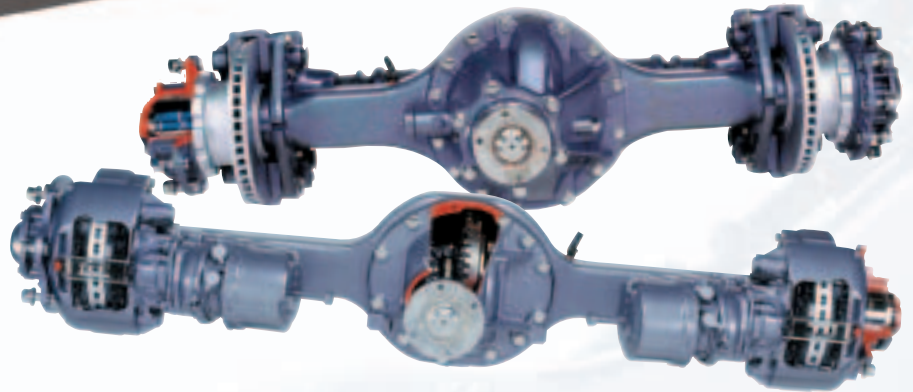


# Dana Spicer® G Series Single Rear Drive Axles



## ***The Proven Performance You Demand For All Your Axle Needs***

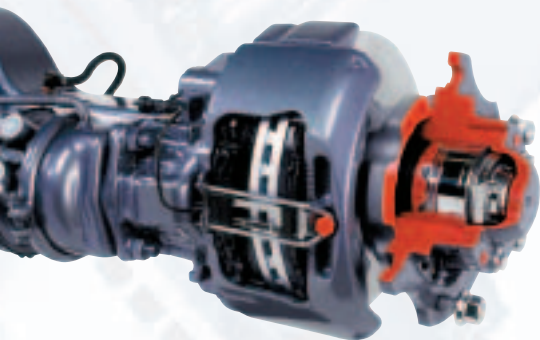
*The Spicer® G Series of single rear drive axles provides solutions for European vehicle applications requiring cost-effective, lightweight axles that are durable and easily fitted into the chassis. The superior design, manufacturing, and quality of the Spicer product line translates into lower life cycle costs for vehicle operators. Contact a Dana representative for additional options.*



## **Features and Benefits**

Spicer® G Series single rear drive axles offer the latest design technology for premium performance in a variety of vehicle applications.

- Broad range of hypoid primary gear ratios allows optimum powertrain specification.
- Gear designs deliver maximum durability and quiet operation.
- Precision Flow® forged wheel differential gears provide greater strength and impact resistance.
- Patented wheel differential lubrication system creates superior protection against differential spinout failures.
- Involute splines on drive pinion and axle shaft produce greater torque capacity.
- Premium high-capacity tapered roller bearings feature straddle mount (three-bearing) construction.
- High-performance Viton™ oil seals exhibit superior wear properties and effective contaminant-exclusion features.
- Hot-formed axle housings with microalloy steel provide maximum torsional strength and load-carrying capability.
- Custom bracket welding is available to configure axles to specific vehicle needs.
- Driver-controlled wheel differential lock allows maximum traction over slippery or uneven surfaces.
- Hydraulic, air disc, or S-cam air brakes are available.
- Either conventional wheel hubs or “unitised” hubs featuring pre-adjusted cartridge-type hub bearings can be specified.
- Available with optional ABS wheel-speed-sensing hardware.



# Dana Spicer®

## G Series Single Rear Drive Axles

Axle Model	Ratings ①			Ratios	Dimensional Data								Weight Data (Hub Unitized Bearings) ②						
	Gross Axle Weight (Tonnes)	Gross Vehicle Weight (Tonnes)	Gross Combined Weight (Tonnes)		Single Reduction	Ring Gear Diam. (mm)	Face Width (mm)	Pinion Stand Out ③ (mm)	Pinion Offset (mm)	Housing Spring Seat Section (mm)	Housing Thickness at Spring Seat (mm)	Spindle Diam. (mm)	Axle Shaft Body Diam. (mm)	Drive Head (Kg)	Difflock (Kg)	Drive Flange (Kg)	Housing ④ (Kg)	Hubs (two) ⑤ (Kg)	Axle Shaft (two) (Kg)
<b>G110</b>	5,6	8	12	2.93/ 3.07/ 3.31/ 3.58/ 3.73/ 3.91/ 4.10/ 4.30/ 4.56/ 4.78/ 5.13/ 5.38/ 5.57/ 5.86/ 6.14/ 6.50	310	57,5	289,8	30,2	118 x 92	6,5	67	38	73	3	2	53	31	23	185
<b>G130</b>	8,5	12	18	2.93/ 3.07/ 3.31/ 3.58/ 3.73/ 3.91/ 4.10/ 4.30/ 4.56/ 4.78/ 5.13/ 5.38/ 5.57/ 5.86/ 6.14/ 6.50	310	57,5	289,8	30,2	118 x 92	11	78	40	76	3	3	84	42	30	238
<b>G150</b>	11	16	28	2.64/ 2.85/ 3.08/ 3.25/ 3.36/ 3.55/ 3.70/ 3.90/ 4.11/ 4.33/ 4.63/ 4.88/ 5.29/ 5.57/ 6.17/ 6.50/ 7.17	389	55	336,8	53,5	133 x 117	11	82	48	100	4,5	4	112	58	34	312,5
<b>G170</b>	11,5	—	44	2.69/ 2.87/ 2.93/ 3.07/ 3.21/ 3.31/ 3.42/ 3.58/ 3.73/ 3.91/ 4.10/ 4.30/ 4.56/ 4.78/ 5.25	450	84,7	387	50	150 x 135	11	90	52	183	5	5	134	82	48	457
<b>G190</b>	13	—	60	2.69/ 2.87/ 2.93/ 3.07/ 3.21/ 3.31/ 3.42/ 3.58/ 3.73/ 3.91/ 4.10/ 4.30/ 4.56/ 4.78/ 5.25/ 5.38/ 5.63/ 6.14/ 6.83/ 7.17/ 7.83	470	90,2	399	50	150 x 135	11	90	57	202	5	5	134	82	51	479

① GCW Ratings are normal maximums and vary with application and service. Permitted use of axles, including capacity ratings stated, require Dana engineering approval.

② Braking system weight not shown.

③ Pinion stand out is to face of pinion nut.

④ Includes carrier to housing fasteners and washers; excludes spring seats or suspension brackets.

⑤ Hub weight includes bearing and bearing lock nuts.

### Nomenclature: G Series Single Rear Drive Axles

<b>G</b>	<b>08</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>D</b>
<b>G</b> Single Axle (Global Version)	<b>GAW</b> Rating In Tonnes	<b>Gear Type</b> 1 - Standard Single Reduction 2 - Dual Range 3 - Planetary Double Reduction 4 - Controlled Traction Differential	<b>Head Assembly Series</b>	<b>Design Level</b>	<b>Options</b> B - Bus Specific D - Differential Lock H - Heavy Wall R - Retarder W - Wide Track

For more information, contact: [www.dana.com/commercial\\_vehicle\\_systems](http://www.dana.com/commercial_vehicle_systems)



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