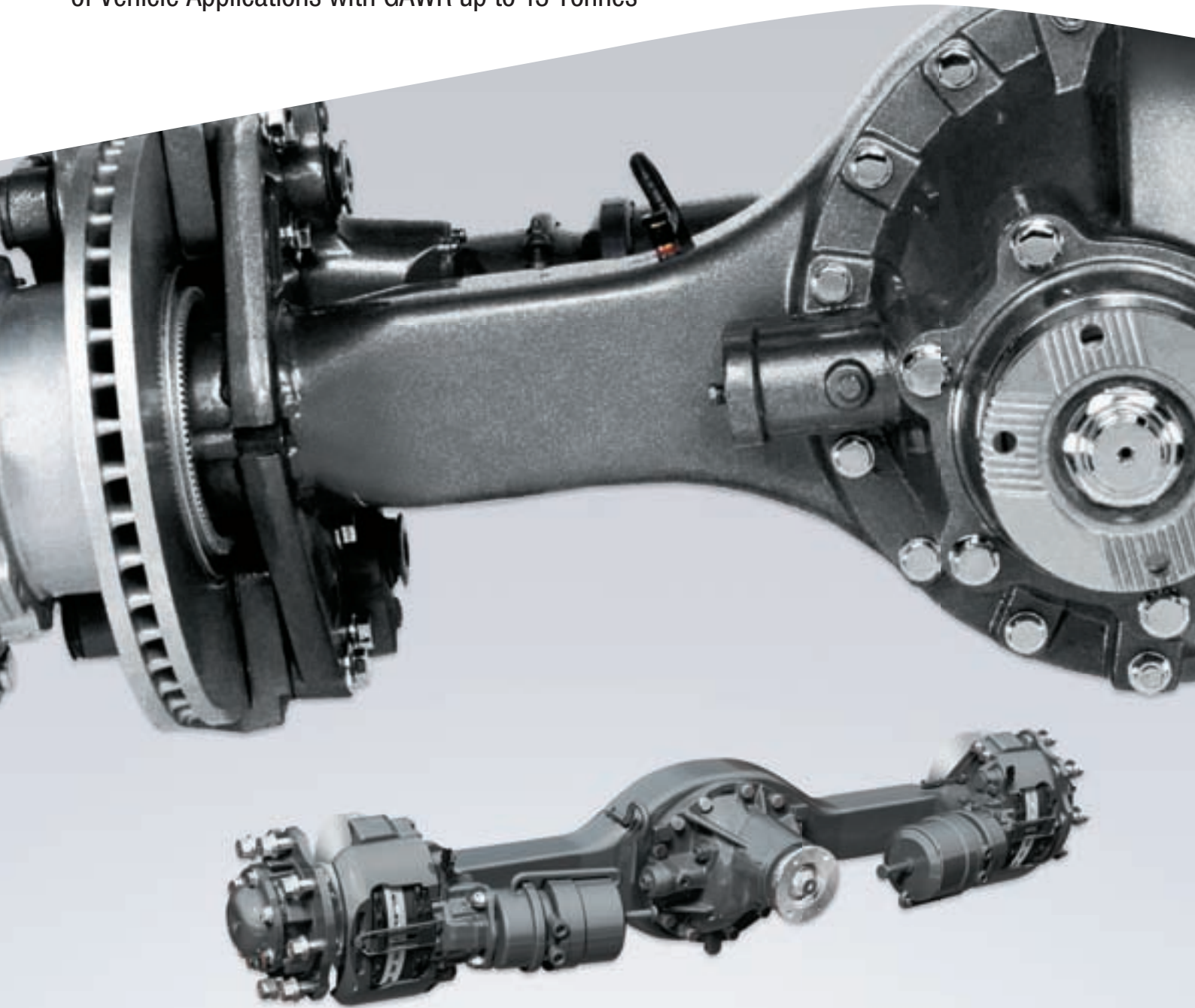


Spicer® G Series Single Rear Drive Axles

Single Reduction Axles Ideally Suited for a Variety
of Vehicle Applications with GAWR up to 13 Tonnes



SPICER®
Drivetrain Products



Quiet, Strong, and Lightweight. High Power Density™ (HPD™) technology results in improved durability and reliability with minimized weight.



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Features	Benefits
High Power Density™ (HPD™) technology through high capacity gearing and bearing system	Durability and reliability with higher horsepower/torque engines and minimized weight
Extra-wide face-width gearing	Greater strength and added durability
Integral pinion cage and carrier	Added strength — also eliminates a potential leak path
Integrated ring gear and wheel differential mounting system	Eliminates bolted joint for improved reliability
Large precision-forged wheel differential gearing	Maximum strength and high power density
Broad ratio coverage	Maximum performance across a variety of vocations and applications
Gentech™ hypoid gearing	Specifically developed and processed for reduced noise, vibration, and harshness (NVH)
Hot-formed, square-edge, high-strength axle housings with microalloy steel	Provide maximum torsional strength and load-carrying capability
Patented axle breather design	Allows unrestricted air flow — a no-maintenance feature

A full range of available options for optimal operation and durability with less required maintenance

- Park brake mounting for reduced complexity and installation costs
- Driver-controlled wheel differential lock allows maximum traction over slippery or uneven surfaces
- Carrier integrated retarder mount or parking brake means more driveline options with increased strength and durability
- Extended 400,000 km initial lube drain with Dana approved lubricants for reduced maintenance
- Variety of narrow and wide-track axle housings available
- Integral welded suspension brackets for increased strength and durability

Axle Model	Ratings ①			Ratios	Dimensional Data						Approximate Weight Data (Hub Unifized Bearings) ②								
	Gross Axle Weight (Tonnes)	Gross Vehicle Weight (Tonnes)	Gross Combined Weight (Tonnes)		Single Reduction	Ring Gear		Pinion		Housing		Axle Shaft Body Diam. (mm)	Drive Head (kg)	Difflock (kg)	Drive Flange (kg)	Housing ④ (kg)	Hubs (two) ⑤ (kg)	Axle Shaft (two) (kg)	Total Weight (kg)
						Diam. (mm)	Face Width (mm)	Stand Out ③ (mm)	Offset (mm)	Spring Seat Section (mm)	Spindle Diam. (mm)								
G110	5.2	8	12	3.31 - 6.5	310	57.5	289.8	30.2	118 x 92 x 6.5	67	38	73	3	2	53	31	23	185	
G130	8.5	12	18	3.31 - 6.5	310	57.5	289.8	30.2	118 x 92 x 11	78	40	76	3	3	84	42	30	238	
G140	9	14	21	3.31 - 6.5	340	64.5	319.4	44.4	133 x 117 x 9.5	82	46	85	N/A	4	83	N/A	30	196	
G150	11	16	28	2.64 - 7.17	389	55	336.8	53.5	133 x 117 x 11	82	48	100	4.5	4	112	58	34	312.5	
G170	11.5	—	44	3.07 - 7.17	450	84.7	387	50	150 x 135 x 11	90	52	183	5	5	134	82	48	457	
G190	13	—	60	2.53 - 7.85	470	90.2	399	50	150 x 135 x 12.5	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

G	06	1	1	0	D
G G Single Axle (Global Version)	06 GAW Rating In Tonnes	1 Gear Type 1-Standard Single Reduction 2-Dual Range 3-Planetary Double Reduction 4-Controlled Traction Differential	1 Head Assembly Series	0 Design Level	D Options B-Bus Specific D-Differential Lock H-Heavy Wall R-Retarder W-Wide Track

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All applications must be approved by the Dana Application Engineering Department. Specifications and/or design are subject to change without notice or obligation.