

**Two Speed Rear Axles  
(ROCKWELL-STANDARD)  
DETAIL SPECIFICATIONS**

<b>MODEL:</b>	<b>RA2DT 306</b>	<b>RA2DT 532</b>	<b>RA2DT 518</b>	<b>RA2DT 519</b>	<b>RA2DT 521 RA2DT 5211</b>
Model (Rockwell-Standard)	(L 345)	(Q 345)	(RT 340)	(RT 340)	(R-330)
Capacity	18,500	22,000	23,000	23,000	23,000
Mounting	Front-mounted	Front-mounted	Front-mounted	Front-mounted	Top-mounted
Final Drive	Two-speed, double reduction				
Actuation	Electric, control button attached to gear shift lever				
Construction	Hot forged, high carbon steel, rectangular section, formed for density of metal at corners; cover, pressed steel, welded to banjo.				
Spindle-diameter,					
Inner bearing	3¼"	3⅝"	3⅝"	3⅝"	3⅝"
Outer bearing	3"	3¼"	3¼"	3¼"	3¼"
Oil Capacity (Pts.)	29	32	32	32	35
<b>CARRIER:</b>					
Model	CR2D 120	CR2D 121	CR2D 101	CR2D 101	CR2D 106
Ratios	4.92-6.24 5.63-7.13 6.00-7.61	4.92-6.24 5.63-7.13 6.00-7.61 6.65-8.43	5.38-7.12 6.18-8.28	5.38-7.12 6.18-8.28	4.41-5.91 4.76-6.38 5.54-7.42 6.26-8.38 7.09-9.49
Differential type	Four-pinion	Four-pinion	Four-pinion	Four-pinion	Four-pinion
<b>DRIVING GEARS:</b>					
Face width, hypoid pinion driving gear	2½" (approx.)	2½" (approx.)	2½"	2½"	2½"
Face width, hypoid driven gear	1¾"	1⅞"	2⅛"	2⅛"	1-15/16"
Face width, helical gears, high range	2-5/16"	2½"	2-9/16"	2-9/16"	3"
low range	2-11/16"	3⅝"	3-3/16"	3-3/16"	3¾"
<b>AXLE SHAFTS:</b>					
Material	Carbon steel, heat-treated	Carbon steel, heat-treated	Carbon steel, heat-treated	Carbon steel, heat-treated	Carbon steel, heat treated
Type	Integral flange	Integral flange	Integral flange	Integral flange	Integral flange
Diameter, body over spline	1⅞" 2"	2" 2⅛"	2⅛" 2¼"	2⅛" 2¼"	2⅞" 2⅜"
Splines	21	22	23	23	16
Type	Slant sided	Slant sided	Slant sided	Slant sided	Slant sided
<b>BRAKES: (AIR)</b>					
					<b>RA2DT 521</b> <b>RA2DT 5211</b>
Actuation	Air	Air	Air	Air	Air
Diameter	15"	15"	15"	15"	15"
Width	6"	6"	6"	7"	6"   7"
Lining area, both wheels, sq. in.	376	376	376	440	376   440
Lining thickness	¾" tapered	¾" tapered	¾" tapered	¾" tapered	¾" tapered
Type	Stopmaster, with or without fail-safe units				
Brake chambers	4 per axle	4 per axle	4 per axle	4 per axle	4 per axle
Effective area	12 sq. in.	12 sq. in.	12 sq. in.	12 sq. in.	12 sq. in.
Brake adjustment	Automatic	Automatic	Automatic	Automatic	Automatic

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