

Walther Engineering and Manufacturing Co., Inc.

Application Guide for 114 Hub

Dura-Light Hubs® Evolution™ For N Tapered Spindle Axle				
Part Number	Application For Hub Piloted	Standout	Lbs.	Bolts
10-00114-001	Hub Piloted/Aluminum Dual Wheel	3.72"	32	02-00118
10-00114-002	Hub Piloted/Steel Dual Wheel	2.96"	31	02-00110
10-00114-101	ABS Hub Piloted/Aluminum Dual Wheel	3.72"	33	02-00118
10-00114-102	ABS Hub Piloted/Steel Dual Wheel	2.96"	32	02-00110

Dura-Light Hubs® Evolution™ for N Tapered-Spindle Axles 16.5 x 7" Cast Brake Drum				
Part Number	Application For Hub Piloted	Standout	Lbs.	Bolts
1003114-031043*	Hub/Cast Drum Assy, HP, AL Whl	3.30"	143	02-00118
1003114-032043*	Hub/Cast Drum Assy, HP, ST Whl	2.54"	142	02-00110
1003114-131043*	ABS Hub/Cast Drum Assy, HP, AL Whl	3.30"	144	02-00118
1003114-132043*	ABS Hub/Cast Drum Assy, HP, St Whl	2.54"	143	02-00110

Part Number	Application for Stud Piloted	Standout	Lbs.	Bolts
Contact us at waltheremc.com				

Part Number	Application for Stud Piloted	Standout	Lbs.	Bolts
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N Bearings				
HM212011	bearing cup - outer bore			
HM218210	bearing cup - inner bore			
HM212049	bearing cone - outer bore			
HM218248	bearing cone - inner bore			

Dura-Light Hubs® N Tapered Spindle Axle with 16.5 x 7" Centrifuse® Brake Drum				
Part Number	Application For Hub Piloted	Standout	Lbs.	Bolts
1003114-041095*	Hub/Fused Drum Assy, HP, AL Whl	3.47"	124	02-00118
1003114-042095*	Hub/Fused Drum Assy, HP, ST Whl	2.71"	123	02-00110
1003114-141095*	ABS Hub/Fused Drum Assy, HP, AL Whl	3.47"	125	02-00118
1003114-142095*	ABS Hub/Fused Drum Assy, HP, ST Whl	2.71"	124	02-00110

Drums				
03-00043	16.5 x 7" Cast Brake Drum			108 lbs
13-00095	16.5 x 7" Centrifuse® Brake Drum (89996B)			90 lbs
13-00060	16.5 x 8.62" Balanced Brake Drum	See Page 2		122 lbs

Dura-Light Hubs® N Tapered Spindle Axle with 16.5 x 7" Centrifuse® Brake Drum				
Part Number	Application For Stud Piloted Centrifuse® Drum	Standout	Lbs.	Bolts
Contact us at waltheremc.com				

Component Parts				
WN333T	Two-piece, Flanged Wheel Nut, M22x1.5			.4 lbs
05-00037	Tone Ring - 100 Teeth, 6.77 Dia. Pitch Circle			.7 lbs

Hub Dynamic Load Ratings	
Single Wheel Offset	Load/Hub
0	11,250 lbs
0.56"	10,839 lbs
2.00"	10,000 lbs
2.38"	9,689 lbs
2.75"	9,484 lbs
3.50"	9,095 lbs
3.88"	8,910 lbs
6.66"	Prohibited - See 042 Hub

Estimated Lubricant Fill Volumes**	
22 fl-oz	Oil Lubrication Fill Level
101.06 cubic inches	Vol. Between Cup Seats Including Spindle Displacement
28.8 fl-oz	50% Fill Level for Semi-Fluid, Including Spindle Displacement

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Centrifuse® is a registered trademark for Motor Wheel® a Hendrickson brand

** Actual lubricant volume should be adjusted for specific components used. See TMC RP 631C

* Includes two flanged wheel nuts

