

Walther Engineering and Manufacturing Co., Inc.

Application Guide for 112 Hub with Fill Port and Magnetic Plug

Dura-Light-Hubs® Evolution™ For P Spindle Axle with Fill Plug					Dura-Light Hubs® Evolution™ for P Straight-Spindle Axles 16.5 x 7" Cast Brake Drum with Fill Plug				
Part Number	Application For Hub Piloted	Standout	Lbs.	Bolts	Part Number	Application For Hub Piloted	Standout	Lbs.	Bolts
10-00112M-001	Hub Piloted/Aluminum Dual Wheel	3.72"	34	02-00118	1003112M-031043*	Hub/Cast Drum Assy,HP,AL Whl	3.30"	145	02-00118
10-00112M-002	Hub Piloted/Steel Dual Wheel	2.96"	33	02-00110	1003112M-032043*	Hub/Cast Drum Assy,HP,ST Whl	2.54"	143	02-00110
10-00112M-101	ABS Hub Piloted/Aluminum Dual Wheel	3.72"	35	02-00118	1003112M-131043*	ABS Hub/Cast Drum Assy,HP,Al Whl	3.30"	145	02-00118
10-00112M-102	ABS Hub Piloted/Steel Dual Wheel	2.96"	34	02-00110	1003112M-132043*	ABS Hub/Cast Drum Assy,HP,St Whl	2.54"	144	02-00110
Part Number	Application For Stud Piloted	Standout	Lbs.	Bolts	Part Number	Application For Stud Piloted	Standout	Lbs.	Bolts
Contact us at waltheremc.com					Contact us at waltheremc.com				
P Bearings					Dura-Light Hubs® Evolution™ for P Straight-Spindle Axles 16.5 x 7" Centrifuse® with Fill Plug				
HM518410	bearing cup - outer bore				1003112M-041095*	Hub/Fused Drum Assy,HP,AL Whl	3.47"	126	02-00118
HM518410	bearing cup - inner bore				1003112M-042095*	Hub/Fused Drum Assy,HP,ST Whl	2.71"	125	02-00110
HM518445	bearing cone - outer bore				1003112M-141095*	ABS Hub/Fused Drum Assy,HP,AL Whl	3.47"	127	02-00118
HM518445	bearing cone - inner bore				1003112M-142095*	ABS Hub/Fused Drum Assy,HP,ST Whl	2.71"	126	02-00110
Drums									
03-00043	16.5 x 7" Cast Brake Drum		108 lbs		Part Number	Application For Stud Piloted Centrifuse® Drum	Standout	Lbs.	Bolts
13-00095	16.5 x 7" Centrifuse® Brake Drum (89996B)		90 lbs		Contact us at waltheremc.com				
13-00060	16.5 x 8.62" Bal. Cast Brake Drum	See Page 2	122 lbs		Centrifuse® is a registered trademark for Motor Wheel® a Hendrickson brand				
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						
02-00166	9/16-18 Fill Plug - Magnetic		Torque 16-19 LB-FT						
Hub Dynamic Load Ratings									
Single Wheel Offset	Load/Hub								
0	12,500 lbs								
0.56"	12,043 lbs								
2.00"	11,000 lbs								
2.38"	10,765 lbs								
2.75"	10,538 lbs								
3.50"	10,105 lbs								
3.88"	9,899 lbs								
6.66"	Prohibited- See 161 Hub								
Estimated Lubricant Fill Volumes**									
33.50 fl-oz	Oil Lubrication Fill Level								
139.20 cubic inches	Vol. Between Cup Seats Including Spindle Displacement								
41.6 fl-oz	50% Fill Level for Semi-Fluid, Including Spindle Displacement								

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

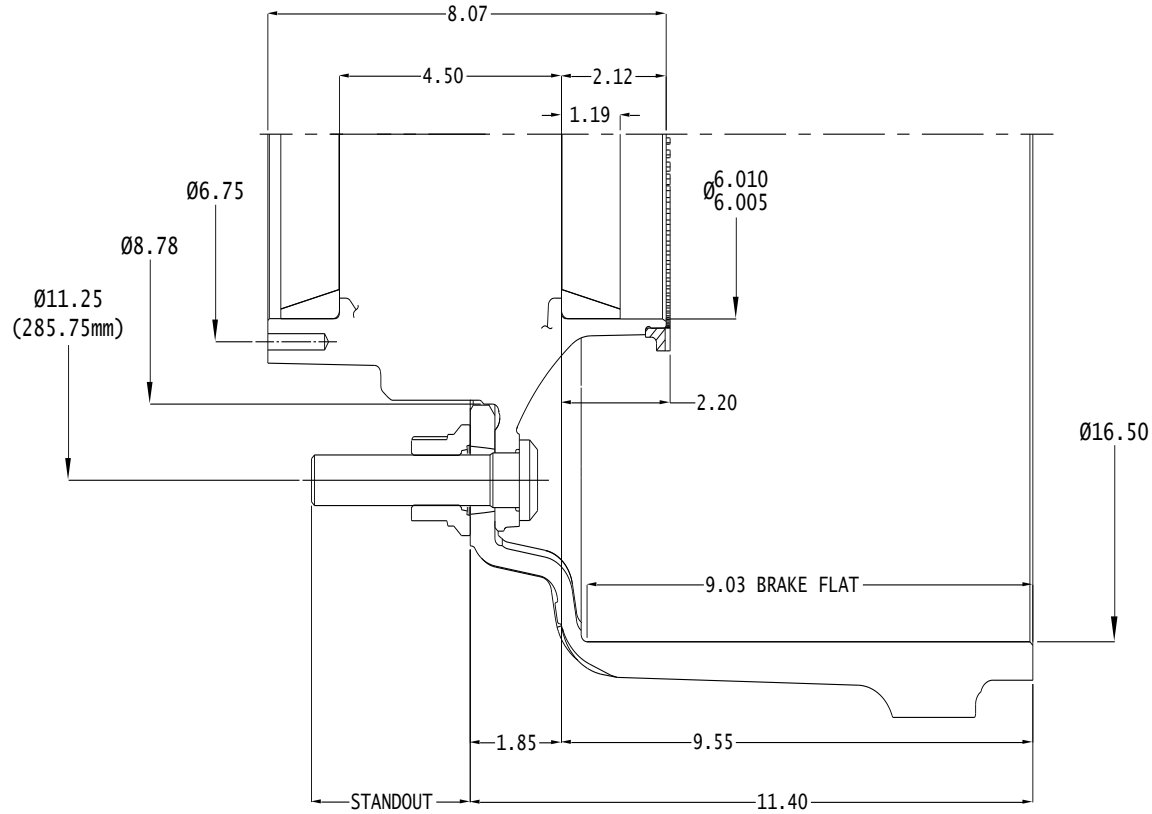
* Includes two flanged wheel nuts

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Part Number	Application For Hub Piloted	Standout	Lbs.	Bolts
1003112M-021060*	Hub/Bal Drum Assy,HP,AL Whl	3.22"	157	02-00118
1003112M-022060*	Hub/Bal Drum Assy,HP,ST Whl	2.46"	157	02-00110
1003112M-121060* ABS	Hub/Bal Drum Assy,HP,Al Whl	3.22"	158	02-00118
1003112M-122060* ABS	Hub/Bal Drum Assy,HP,St Whl	2.46"	158	02-00110

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Contact us at waltheremc.com				



* Includes two flanged wheel nuts