

Walther Engineering and Manufacturing Co., Inc.



Application Guide for 112 QuickSet Hub™

Dura-Light Hubs® Evolution™ for P Straight-Spindle Axles with Scotseal® X-Treme					Dura-Light Hubs® Evolution™ for P Straight-Spindle Axles with Stemco® Discover XR				
Part Number*†	Application	Standout	Lbs.	Bolts	Part Number#	Application	Standout	Lbs.	Bolts
					111-20112-101	ABS Hub Piloted/Aluminum Dual Wheel	3.72"	49	02-00118
					111-20112-102	ABS Hub Piloted/Steel Dual Wheel	2.96"	47	02-00110

Dura-Light Hubs® Evolution™ for P Straight-Spindle Axles with Scotseal X-Treme and Fill Plug					Dura-Light Hubs® Evolution™ for P Straight-Spindle Axles with Stemco Discover® XR and Fill Plug				
Part Number*†	Application	Standout	Lbs.	Bolts	Part Number#	Application	Standout	Lbs.	Bolts
					111-20112M-101	ABS Hub Piloted/Aluminum Dual Wheel	3.72"	49	02-00118
					111-20112M-102	ABS Hub Piloted/Steel Dual Wheel	2.96"	47	02-00110

† Contact us at waltheremc.com

P Bearings

HM518410	bearing cup - outer bore
HM518410	bearing cup - inner bore
HM518445	bearing cone - outer bore
HM518445	bearing cone - inner bore

* Part Numbers listed are assembled with General Bearing cups and cones.

Part Numbers listed are assembled with Stemco cups and cones.

Component Parts

05-00037	Tone Ring - 100 Teeth, 6.77 Dia. Pitch Circle	.7 lbs
42627XT	Scotseal® X-Treme	
373-0423	Stemco Discover® XR	
480-4723	Stemco Auto-Torq®	
90-00253	Nut Retainer	
02-00254	5/16-18 x 1.5, Hex Bolt	
90-00256	5/16 Push Nut	
02-00166	9/16-18 Fill Plug - Magnetic	Torque 16-19 LB-FT

Hub Dynamic Load Ratings

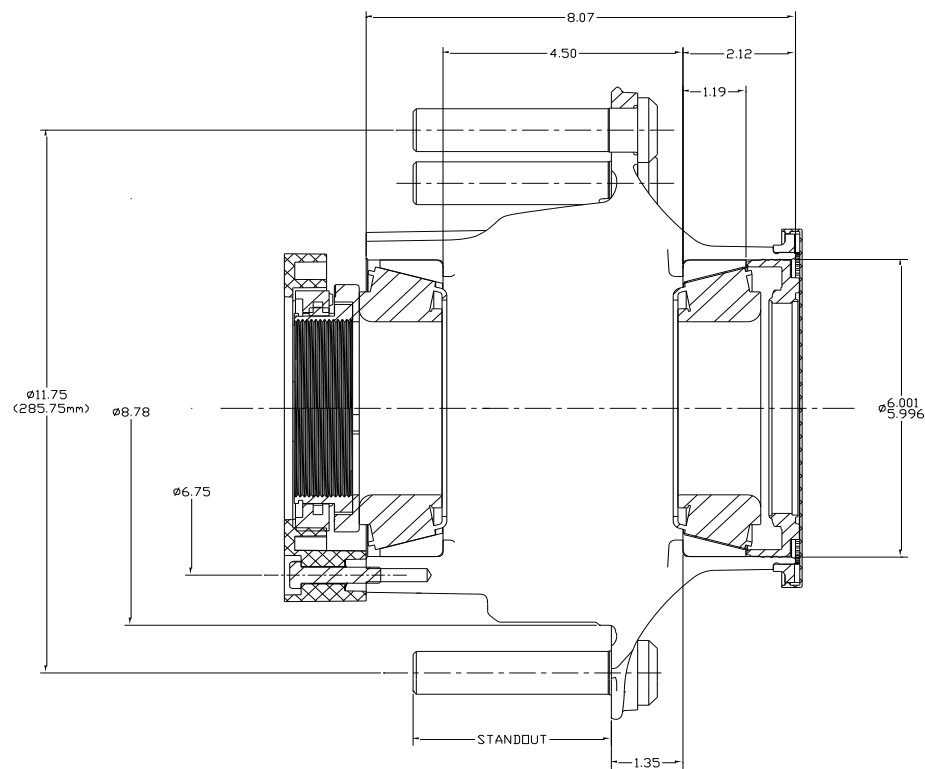
Single Wheel Offset	Load/Hub
0	12,500 lbs
0.56"	12,043 lbs
2.00"	11,000 lbs
2.38"	10,765 lbs
2.75"	10,538 lbs
3.50"	10,105 lbs
3.88"	9,899 lbs
6.66"	Prohibited

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

Dimensions for all part number configurations



Scotseal® X-Treme is a registered trademark for SKF

Discover® XR and Auto-Torq® is a registered trademark for Stemco