

Walther Engineering and Manufacturing Co., Inc.



Application Guide for 112 SpeedMount 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
100-00112-101	ABS	Hub Piloted/Aluminum Dual Wheel	3.72"	46	02-00118	101-20112-101	ABS	Hub Piloted/Aluminum Dual Wheel	3.72"	46	02-00118
100-00112-102	ABS	Hub Piloted/Steel Dual Wheel	2.96"	45	02-00110	101-20112-102	ABS	Hub Piloted/Steel Dual Wheel	2.96"	45	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
100-00112M-101	ABS	Hub Piloted/Aluminum Dual Wheel	3.72"	46	02-00118	101-20112M-101	ABS	Hub Piloted/Aluminum Dual Wheel	3.72"	46	02-00118
100-00112M-102	ABS	Hub Piloted/Steel Dual Wheel	2.96"	45	02-00110	101-20112M-102	ABS	Hub Piloted/Steel Dual Wheel	2.96"	45	02-00110

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
42627XT	Scotseal® X-Treme
373-0423	Stemco Discover® XR
90-00249	Bearing Retainer
1305010	5/16-18 x .62, Hex Bolt
02-00166	9/16-18 Fill Plug - Magnetic

.7 lbs
Ø 8.78
Ø 11.25
(Ø 285.75 mm)
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
48.80 fl-oz	50% Fill Level for Semi-Fluid, Including Spindle Displacement and Semi-Fluid for Bearings

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

Scotseal® X-Treme is a registered trademark for SKF, Discover® XR is a registered trademark for Stemco

Dimensions for all part number configurations

