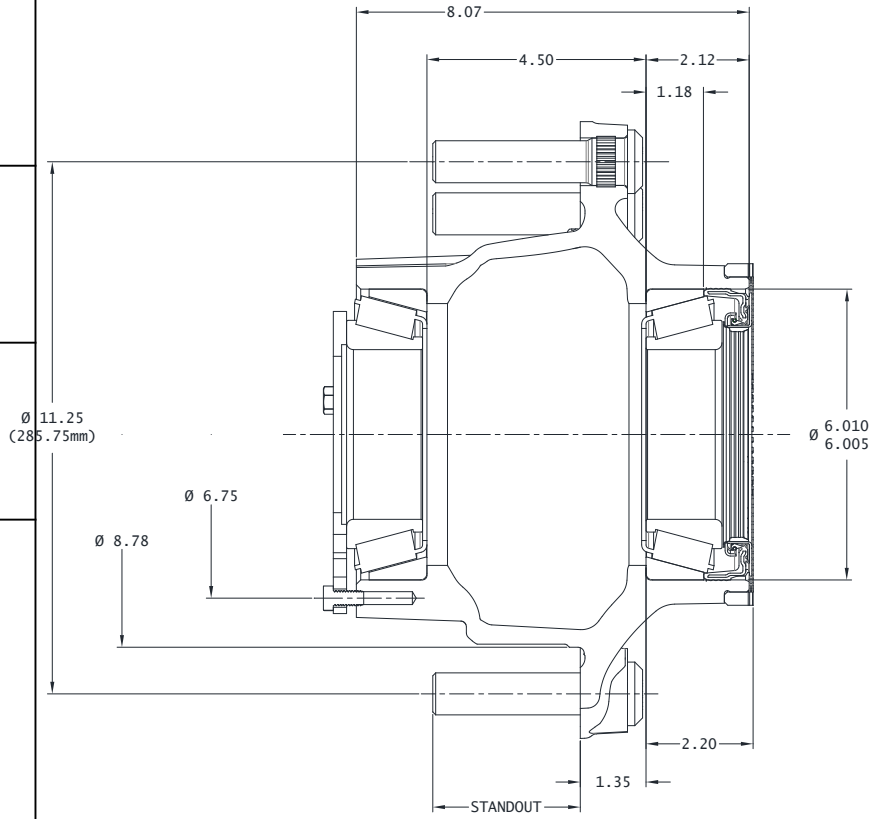


Walther Engineering and Manufacturing Co., Inc.



Application Guide for 161 SpeedMount Hub®

Easy-Roll Hubs™ for P Straight-Spindle Axles with Scotseal® X-Treme						Easy-Roll Hubs™ for P Straight-Spindle Axles with Stemco Discover® XR																							
Part Number*	Application			Standout	Lbs.	Bolts	Part Number#	Application			Standout	Lbs.	Bolts																
100-00161-101	ABS	Hub Piloted/Aluminum Dual Wheel		3.96	58	02-00045	101-20161-101	ABS	Hub Piloted/Aluminum Dual Wheel		3.96"	58	02-00045																
							101-20161-102	ABS	Hub Piloted/Steel Dual Wheel		3.03"	56	02-00044																
Easy-Roll Hubs™ for P Straight-Spindle Axles with Scotseal® X-Treme and Fill Plug						Easy-Roll Hubs™ for P Straight-Spindle Axles with Stemco Discover® XR and Fill Plug																							
Part Number*	Application			Standout	Lbs.	Bolts	Part Number#	Application			Standout	Lbs.	Bolts																
Contact us at waltheremc.com												101-20161F-101	ABS	Hub Piloted/Aluminum Dual Wheel		3.96"	58	02-00045											
																		101-20161F-102	ABS	Hub Piloted/Steel Dual Wheel		3.03"	56	02-00044					
												Dimensions for all part number configurations																	
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 02-00196 9/16-18 Fill Plug - Non-Magnetic Torque 16-19 LB-FT																													
Hub Dynamic Load Ratings <table><tr><th>Single Wheel Offset</th><th>Load/Hub</th></tr><tr><td>0</td><td>12,500 lbs</td></tr><tr><td>0.56"</td><td>12,043 lbs</td></tr><tr><td>2.00"</td><td>11,000 lbs</td></tr><tr><td>2.38"</td><td>10,765 lbs</td></tr><tr><td>2.75"</td><td>10,538 lbs</td></tr><tr><td>3.50"</td><td>10,105 lbs</td></tr><tr><td>3.88"</td><td>9,899 lbs</td></tr><tr><td>6.66"</td><td>7,300 lbs</td></tr></table>						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"	7,300 lbs
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"	7,300 lbs																												
Estimated Lubricant Fill Volumes** 30.8 fl-oz Oil Lubrication Fill Level 129.3 in³ Vol. Between Cup Seats Including Spindle Displacement 43.00 fl-oz 50% Fill Level for Semi-Fluid, Including Spindle Displacement and Semi-Fluid for Bearings																													