

Walther Engineering and Manufacturing Co., Inc.

Application Guide for 251 Hub with Fill Port and Magnetic Plug

Dura-Light® Evolution™ Hub & Rotor Assemblies for P Straight-Spindle Axles w/430mm Rotor w/Fill Plug				
Part Number	Application	Standout	Lbs.	Bolts
1000251M-171250*	ABS Aluminum Dual Wheel	3.22"	123	02-00175
1000251M-172250*	ABS Steel Dual Wheel	2.46"	122	02-00195
<u>P Bearings</u>				
HM518410	Bearing cup - outer bore			
HM518410	Bearing cup - inner bore			
HM518445	Bearing cone - outer bore			
HM518445	Bearing cone - inner bore			
<u>Rotor</u>				
	430mm Rotor Service Kit - Aluminum		93 lbs	
	430mm Rotor Service Kit - Steel		91 lbs	
<u>Component Part</u>				
02-00166	9/16-18 Fill Plug - Magnetic	16-19 LB-FT		
<u>Hub Dynamic Load Ratings</u>				
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			
<u>Estimated Lubricant Fill Volumes**</u>				
33.60 fl-oz	Oil Lubrication Fill Level			
145.8 cubic inches	Vol. Between Cup Seats Including Spindle Displacement			
40 fl-oz	50% Fill Level for Semi-Fluid, Including Spindle Displacement			

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

* Flanged wheel nuts not included