

Walther Engineering and Manufacturing Co., Inc.

Dura-Light® Evolution™ Hub and Rotor Assemblies for P Straight-Spindle Axles with 430mm Rotor with Fill Plug

Part Number	Application	Standout	Lbs.	Bolts	Qty/Size
1000187M-171191*	ABS Aluminum Dual Wheel	3.22"	121	02-00175	(10) M22 x 1.5
1000187M-172191*	ABS Steel Dual Wheel	2.46"	120	02-00195	(10) M22 x 1.5

P Bearings

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

Rotor

17-00191	430mm Rotor/Tone Ring Assembly	82 lbs
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Component Part

02-00166	9/16-18 Fill Plug - Magnetic	16-19 LB-FT
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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**

33.60 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

* Flanged wheel not included

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

