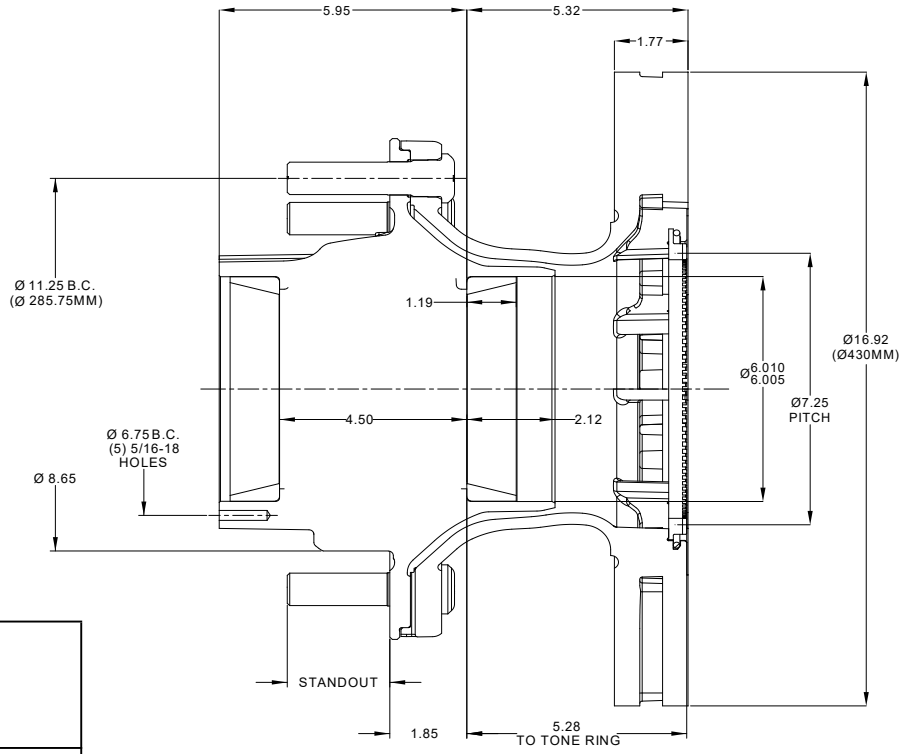
Walther Engineering and Manufacturing Co., Inc.

Application Guide for 187 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
1000187M-171240*	ABS	Aluminum Dual Wheel	3.22"	123	02-00175
1000187M-172240*	ABS	Steel Dual Wheel	2.46"	122	02-00195



P Bearings

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

Rotor

17-00240-S1	430mm Rotor Service Kit - Aluminum	93 lbs
17-00240-S2	430mm Rotor Service Kit - Steel	91 lbs

Component Part

02-00166	9/16-18 Fill Plug - Magnetic	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**

33.60 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 631C

* Flanged wheel nuts not included

3501 Shotwell Drive Franklin, Ohio 45005 Phone: 937-743-8125 Fax: 937-743-8232 waltheremc.com Revision: G 3/17/25