Cleveland Wheels & Brakes

Cleveland Wheels & Brakes for Homebuilts

Wheels with matching hydraulic disc brakes are made from magnesium alloy castings to give a lightweight, durable unit. Wheels complete with bearings and wheel covers. Brake assembly has linings installed. Sold in pairs only.

500 x 5, WT. 5.75 Lbs. Each (Wheel P/N 40-78B, Brake P/N 30-9) Kit P/N 199-102 (Std Disc) $1,295.00 /Pr
Kit P/N 199-102C (Chrome Disc) $1,295.00 /Pr
Use Lining P/N 66-106, Fits 1-1/4” dia. axles.

600 x 6, WT. 7-3/4 Lbs. Each (Wheel P/N 40-59A, Brake P/N 30-59A) Kit P/N 199-104 (Std Disc) $2,472.00 /Pr
Kit P/N 199-104C (Chrome Disc) $3,126.00 /Pr
Use Lining P/N 66-112, Fits 1-1/2” dia. axles.

600 x 6, with Master Cylinders for Defiant Special set consists of (2) P/N 40-75B wheels, (2) P/N 30-52 brake assemblies and (2) P/N 10-34 master cylinders. P/N 199-133X $1,729.00

500 x 5 NOSE WHEEL - Magnesium, with bearings. For 1-1/4” dia. axle. P/N 40-77C $665.00
600 x 6 NOSE WHEEL - Anodized aluminum, with bearings. For 1-1/2” dia. axle. P/N 40-56 $1,244.00

Heavy-duty Cleveland Wheels & Brakes for Homebuilts

The heavier-duty brake discs, linings and hardware in these kits will increase braking capacity for the heavier, faster-landing aircraft now being designed & built.

#199-93 UPGRADE KIT - For #199-102 standard wheels and brakes. Upgrades current 40-78B/30-9 to new 40-230/30-181 spec. Consists of #66-106 linings, discs, shims, bolts, rivets and nameplates for 2 wheels & brakes. P/N 199-93 $558.00

#199-156 KIT (AIRCRAFT TO 1500 LBS) - Kit consists of two 40-230 wheel assemblies and two 30-181 brake assemblies. Uses #66-106 linings. Fits 1-1/4” dia. axles. Used on Vari-eze. P/N 199-156 $1,452.00

#199-152 KIT FOR LONG-EZ & COZY (AIRCRAFT TO 2200 LBS) - Kit contains two 40-151 wheel assemblies and two 30-133 brake assemblies. Uses #66-55 linings. Fits 1-1/4” dia. axles. P/N 199-152 $1,570.00

Cleveland Wheels & Brakes for Amphibians

Although magnesium wheels and brakes are considerably lighter, magnesium is subject to corrosion and should not be used for amphibious operation. Only organic linings should be used on all brakes. All parts of the 500 x 5 size wheels and brakes for amphibians are constructed of anodized aluminum for water resistance. Although a special 40-74 series of 600 x 6 wheels and brakes are manufactured for amphibious use, with chrome plated bearings and brake disc and water drainage holes, they are too costly for use on hombuilt aircraft.

The use of standard Cleveland aluminum wheels with standard bearings on amphibian aircraft is suggested. If bearings are kept well greased, reasonable service can be expected, but earlier bearing replacement should be anticipated.

500 x 5 (Anodized Aluminum) Kit P/N 199-103 (Std Disc) $1,867.00 /Pr
Kit P/N 199-103C (Chrome Disc) $2,765.00 /Pr
600 x 6 (Anodized Aluminum) Kit P/N 199-105 (Std Disc) $1,643.00 /Pr
Kit P/N 199-105C (Chrome Disc) $2,189.00 /Pr

500 x 5 ALUMINUM NOSE WHEEL, P/N 40-87C $859.00

Aeroshell Grease for Wheel Bearings

Aeroshell #22 grease is recommended for lubrication of Cleveland wheel bearings and is also applicable to other similar wheel bearings. Meets Mil-G-81322. 14 oz tube P/N 08-05490 $11.85

Prices Subject to Change Without Notice