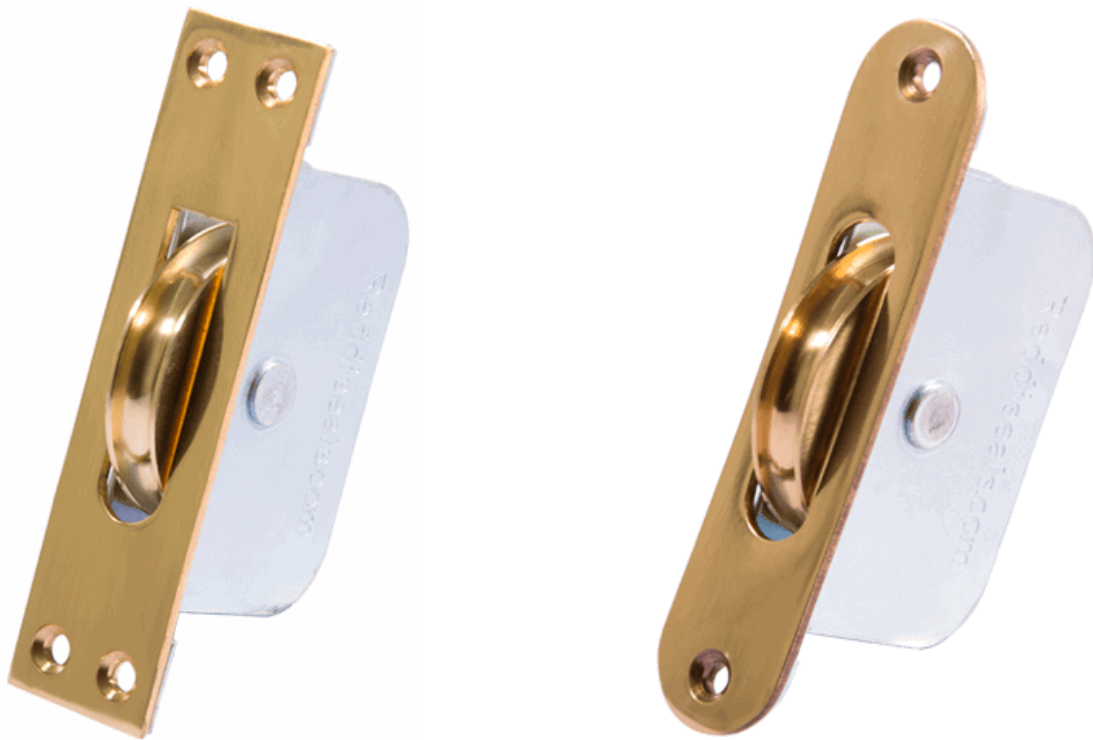


Heavy Duty Ball Bearing Sash Pulley

Product Intro:

The Large Curved Wheel Pulley is part of our extensive range of modern and traditional Sash Pulleys. We offer a great price without compromising on quality. We hold large stocks of this ball bearing pulley, which is industry approved and can hold a maximum sash weight of 100Kg. The wheel is curved and is designed to be used with different size sash cords up to Ø8mm.

Product:

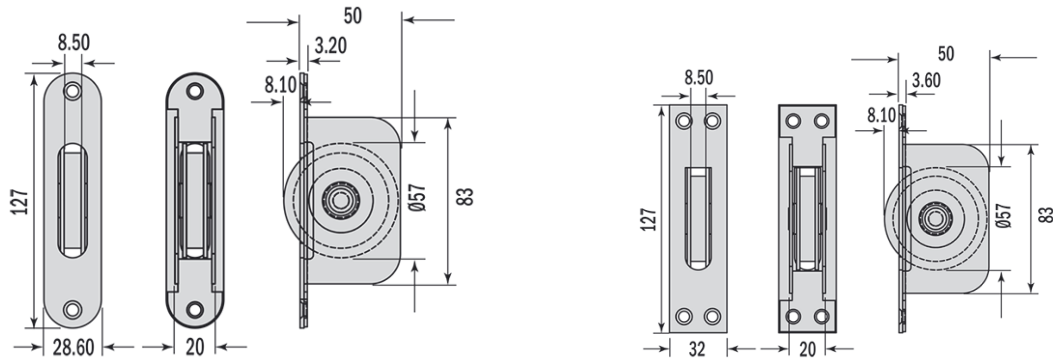


Features:

- Front plate & pulley wheel is manufactured from high quality Brass.
 - All other components are manufactured from strong mild steel.
 - Pulley rotates on a sealed ball bearing unit, giving a smooth and durable movement.
 - Large, heavy duty pulley, ideal for larger sashes.
 - Faceplate available in Radius or Square Ends.
 - Rivet free face.
 - Lifts a maximum sash weight of 100Kg.
 - 57mm (2½") curved wheel for use with cord up to Ø8mm.
 - Square ends for ease of fitting to windows for refurbishment.
 - Radius ends are ideal for machine cut rebates.
 - Hot forging process produces strength and an excellent finish.
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Product data:

- For Square Ends - Front plate fits a recess: 32mm (w) x 127mm (h) x 4.0mm (d).
- For Radius Ends - Front plate fits a recess: 29mm (w) x 127mm (h) x 4.0mm (d).
- Wheel holder fits a recess central to the front plate: 20mm (w) x 83mm (h) x 50mm (overall depth)
- For use with sash cord only.
- Use with sash cord with the same weight bearing capacity (100Kg) as the pulley.
- Countersunk screw holes for a flush fit.
- It is not necessary to lubricate this pulley wheel before use.
- As a general maintenance guide, it is recommended that after a few years of use, lubricating with a light oil will help protect, and maintain the life of the wheel.
- Never use a solvent lubricant such as WD40, as this can strip out the grease from the ball bearings.



Technical data

Front Plate & Wheel:

Manufactured from Hot forging grade Brass – 59% Copper / 39% Zinc / 2% Lead.

Lacquered brass is Electrophoretically coated with a clear Polyurethane lacquer and baked in an oven to cure.

Polished Chrome & Satin Chrome are Chrome plated over a zinc electroplated layer.

All other finishes are zinc electroplated, using different chemicals to achieve the desired colours.

Wheel Holder & Bushes:

Manufactured from Mild Steel.

Zinc Electroplated finish.

Ball Bearing:

Manufactured from GCR-15 Chrome Steel.

Life Cycle – 10 years, provided the Pulley is installed in accordance with the requirements given in the data sheet.

Installation Instructions:

1. Mark the side jamb as close to the top as possible (min 10mm) and central to the sash.
2. Rout out a recess 50mm deep to fit the wheel holder 20mm (w) x 83mm (h).
3. Chisel out a groove to fit the front plate of size: 32mm (w) x 127mm (h) x 4.0mm (d) with the routed recess central to it.
4. Drill a pilot hole for the screws and fix the pulley to the side jamb.
5. Unscrew the pocket at the bottom of the side jamb. Cut the sash cord to the required length and feed it down through the pulley until it can be pulled out of the bottom of the jamb.
6. Thread the cord through the centre of the lead weight and tie a knot in the end to secure.
7. Feed the cord and lead weight into the side jamb and re-attach the pocket.
8. Fix the sash cord to the routed groove approximately midway down the sash.
9. Repeat this process for the opposite side of the sash, making sure the sash is horizontal.
10. Check that the sash slides freely and adjust as required.

Maintenance and Installation:

General:

We recommend that all fasteners and handles are checked prior to and in situ to ensure that the product performs in its application. During the drying phase of new buildings or renovations where large amounts of plastering or cement based flooring has been installed, water vapour evaporates into the air along with some of the chemicals, causing extremely high humidity levels. This can damage the finishes and corrode the exposed brass. We recommend that fasteners and handles are only installed after the plaster or flooring is fully cured. Please be wood aware. Certain woods, such as Accoya and Oak, are corrosive to brass fixings and fasteners. Do not use brass fasteners and fixings with Accoya. Certain hardwoods may exude resins that can be corrosive to the brass fixings and the fastener / handle, leading to a possible loss of functionality of the product.

Installation:

It is always recommended, where applicable, that a pilot hole is drilled before screwing by hand into the wood. Never use a mechanically assisted screwdriver or drill, because this may damage the screw and/or the coating. A tip is to rub the screw shaft with beeswax before fixing.

Always use brass screws to prevent a reaction between different metals such as brass and steel. This could cause corrosion, firstly to the screw which can spread to the fastener or handle.

Maintenance:

DO NOT use any chemical cleaners. Harmful chemicals may attack the finish and/or the brass, and tarnish the surface – Use a cloth soaked in warm soapy water, squeezing out any excess water, then wipe with a clean and dry cloth to remove any remaining water. In harsh or coastal environments, it is recommended that our products are cleaned more regularly to prevent harmful deposits, such as salt build-up, settling on the finish, breaking it down, and leading to corrosion of the brass. 316 Stainless steel products are highly recommended in these environments.

All of our products are manufactured using high quality brass. The finishes have been tested and meet our standards for general wear and tear. Brass is a soft metal and it is advised that chemicals and scratching could damage the overall quality of the finish over a prolonged period.

Fasteners and handles in bathrooms and kitchens may be subject to a damper and more humid atmosphere, and may need more regular maintenance than living rooms.

Moving parts (other than locks) may be lubricated periodically, using a light oil, if required. If the pulley is working smoothly and not making a noise, then it may not need lubrication, however a small amount in the gap between the wheel and the plate, each side, annually will prolong the life of the pulley.

Never use a solvent spray such as WD40, because this can strip the grease from the bearing case causing failure of the bearings and the pulley wheel itself.

If lubricating a mortice lock or cylinder, please refer to specific advice on these products.

Quality & Environmental Approval:

Reddiseals operates a Quality Management System that meets the requirements of ISO 9001:2008 and is independently verified by BSI Quality Assurance under certificate No. FM10371.

Reddiseals have an Environmental Management System (EMS) that has been certified against the international standard ISO 14001:2004 under certificate no. EMS637894.
