

ECO Master. The master amongst automatic slack adjusters for drum brakes.

The required brake cylinder stroke increases as the brake lining thickness declines. The ECO Master slack adjuster makes up for this change and keeps the brake cylinder stroke in the optimum zone of action at all times. In most countries, fitting automatic slack adjusters is a statutory requirement.

Function: Brake linings and brake drums are wear parts. As the thickness of the material is reduced, the brake cylinder stroke increases, meaning that the brake camshaft has to rotate further. In this case, the function of the ECO Master slack adjuster provides an automatic adjustment. As a result, the brake cylinder stroke is always kept within the same, optimum effective area. The adjustment stroke is designed so there will always be a sufficient air gap even at higher levels of elasticity and given thermal expansion of the adjacent components (e.g. the brake drum).

Delivery variants: Brake levers with different shapes and crank values are available depending on the particular installation conditions.

- ▶ Automatic slack adjuster (AGS) and manual slack adjuster (GSK)
- ▶ Mounted on BPW drum brake axles



BPW ECO Master – Features and benefits

- ▶ Functions are optimally adapted to the drum brake
- ▶ Consistently high braking effect throughout the entire service life of the brake lining
- ▶ High wear resistance
- ▶ Optimum sealing against dirt and water
- ▶ Low-maintenance
- ▶ Quick and easy to remove and install
- ▶ Closely graded for EC brake calculations thanks to multiple-hole levers
- ▶ Control lever and fixed point holder are behind the axle beam where they are protected against damage
- ▶ Easily visible brake lining wear indicator
- ▶ Forged brake levers guarantee optimum strength and permit the lever end to be modified

More information:

- ▶ Brake Monitor (page 40) ▶ Functional description (BPW-FB-AGS)