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For technical personnel only!
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PRODUCT APPLICATION

PERMAGLIDE® PLAIN BEARINGS BEARING IN LABEL PRINTERS

SECTOR: PRINTING INDUSTRY, PACKAGING INDUSTRY

Product used:

Permaglide® plain bearing bush design PAP ... P180

Function

Label printers are used for labelling packaging, e.g. with barcodes, item numbers or other data. Label printers are often integrated in packaging machines. A stamp prints the ink from an ink ribbon onto the packaging. The stamp moves in an oscillating motion and is driven via a cam and a spring.

Bearing of the shafts and stamp in label printers with Permaglide® P180 plain bearing bushes

The Permaglide® P180 plain bearing bushes are used in label printers for holding the swivelling shafts and the oscillating stamp. The plain bearings are suitable for swivelling and for oscillating movements.

Advantage: Reliable function of the bearing with Permaglide®

P180 plain bearings

- Maintenance-free, low wear
- Dry running, so no soiling from lubricant
- Insensitive to dirt
- Smooth running
- High durability
- Simple design
- Simple mounting by pressing into the housing
- No protection from twisting and shifting required



Permaglide® plain bearing bush design PAP ... P180



Label printer



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Description of material

Permaglide® P180 is a universal plain bearing material for both dry and lubricated applications. The composite, multi-layered material excels thanto its high rigidity, durability, high chemical resistance and good emergency running properties. These properties are primarily achieved due to the tin bronze sintered onto a steel base and the friction-reducing additives consisting of the fluoropolymer PTFE and barium sulphate.

Similar applications

Dry printer, dry printing device, transfer printer, thermal transfer printer, label printer, label writer, sticker printer, stamp applicator, labeller, packaging printer



Further information on Permaglide® plain bearings

- Permaglide® catalogue, item no. 50003863-02
- Permaglide® online catalogue shop.permaglide.com