

## Positioniereinheit PE 2/LS, Spurbreite 160 mm, Länge 320 mm, ESD-sicher - Bosch Rexroth 3842563402

Item no. BRR-3842563402

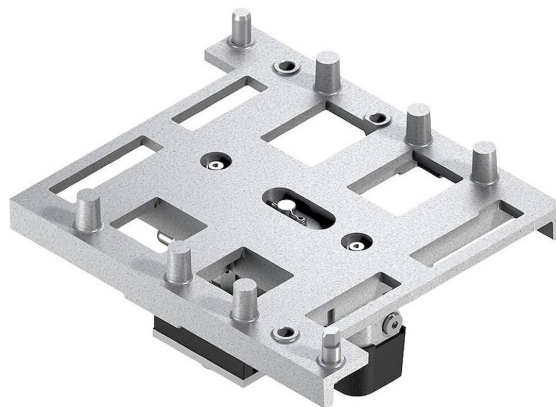
Manufacturer Bosch Rexroth

Pneumatic positioning unit for the TS 2plus transfer system, track width 160 mm, length 320 mm. Lifts workpiece pallets up to 30 kg clear of the conveyor and positions them with a repetition accuracy of  $\pm 0.1$  mm. ESD-safe design, fully assembled and supplied with fastening material.

### TECHNICAL DATA

Country of Manufacture **Germany**

Weight **0.1 kg**

Zolltarifnummer **84313900**


## STANDARDS & COMPLIANCE

ESD safe

## DESCRIPTION

The positioning unit PE 2/LS is a pneumatic lift-and-locate module for the Bosch Rexroth TS 2plus transfer system. It raises workpiece pallets weighing up to 30 kg out of the conveyor medium and holds them in a precisely repeatable position for downstream assembly, inspection or test operations. The ESD-safe design makes it suitable for handling electrostatically sensitive assemblies.

- Repetition accuracy  $\pm 0.1$  mm for reliable, process-stable positioning
- Permissible vertical process force 300 N - suitable for press-fit and joining operations
- Lift height of workpiece pallet above conveyor medium: 2.5 mm
- Compressed air connection G1/8", operating pressure 4-6 bar
- ESD-safe construction for electrostatic-sensitive workpieces
- Fully assembled, includes fastening material - ready to install

### TECHNICAL DATA

| Parameter                                 | Value  |
|-------------------------------------------|--------|
| Track width in direction of transport [b] | 160 mm |
| Length in direction of transport [IT]     | 320 mm |

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| Parameter                                 | Value                                     |
|-------------------------------------------|-------------------------------------------|
| Lift of WT above conveyor medium [h0]     | 2.5 mm                                    |
| Repetition accuracy                       | ±0.1 mm                                   |
| Permissible vertical process force        | 300 N                                     |
| Workpiece pallet total weight [mG]        | 30 kg                                     |
| Required compressed air connection (pmin) | 4 bar                                     |
| Required compressed air connection (pmax) | 6 bar                                     |
| Thread size                               | G1/8"                                     |
| ESD-safe                                  | yes                                       |
| Scope of delivery                         | Incl. fastening material, fully assembled |
| Required accessories                      | Stop gate VE 2/...                        |
| Recommended accessories                   | Position sensing kit for PE 2             |
| Weight                                    | 3.1 kg                                    |