

# Positioniereinheit PE 2/LS für Transfersystem TS 2plus, Spurbreite 240 mm - Bosch Rexroth 3842563403

**Item no.** BRR-3842563403 **Manufacturer** Bosch Rexroth

**Manufacturer no.** 3842563403

Pneumatic positioning unit for the TS 2plus transfer system with a track width of 240 mm and a transport-direction length of 160 mm. Lifts workpiece pallets of up to 30 kg out of the conveyor and positions them with a repetition accuracy of  $\pm 0.1$  mm. ESD-compliant, fully assembled, and ready to operate from 4 bar compressed air.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
Weight	<b>0.1 kg</b>
Zolltarifnummer	<b>84313900</b>



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The PE 2/LS positioning unit is a pneumatic stop-and-lift module for the Bosch Rexroth TS 2plus transfer system. It raises workpiece pallets clear of the moving conveyor belt, holds them at a repeatable position with  $\pm 0.1$  mm accuracy, and presents them for assembly or test operations. The unit ships fully assembled and ESD-compliant, making it immediately suitable for electrostatically sensitive production lines.

- Repetition accuracy  $\pm 0.1$  mm for reliable, process-safe positioning
- Workpiece pallet lift of 2.5 mm above the conveyor medium
- Permissible vertical process force 300 N - suited for joining and testing operations
- Maximum workpiece pallet total weight 30 kg
- ESD-compliant for electrostatically sensitive assemblies
- Fully assembled with fastening material included - minimal installation effort

## Technical data

Parameter	Value
Track width in direction of transport [b]	240 mm
Length in direction of transport [IT]	160 mm
Lift of WT over conveyor medium [h0]	2.5 mm
Repetition accuracy	±0.1 mm
Permissible vertical process force	300 N
Workpiece pallet total weight [mG]	30 kg
Compressed air connection	4 - 6 bar
Thread size	G1/8"
ESD-compliant	yes
Scope of delivery	Incl. fastening material, fully assembled
Required accessories	Stop gate VE 2/...
Recommended accessories	Position sensing kit for PE 2
Weight	3.6 kg