

# Positioniereinheit PE 2/LS für Transfersystem TS 2plus, Spurbreite 160 mm - Bosch Rexroth 3842563400

**Item no.** BRR-3842563400 **Manufacturer** Bosch Rexroth

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The PE 2/LS positioning unit lifts workpiece pallets out of the conveyor medium in the TS 2plus transfer system and positions them with a repetition accuracy of  $\pm 0.1$  mm. ESD-safe by design, it handles pallet loads up to 30 kg and absorbs vertical process forces up to 300 N. The unit is supplied fully assembled with fastening material included - the stop gate VE 2/... is required and must be ordered separately.

## 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 positioning unit PE 2/LS (B160 x LT160) is a pneumatically actuated lift element for the Bosch Rexroth TS 2plus transfer system. It raises the workpiece pallet 2.5 mm above the conveyor medium, locks it reproducibly to  $\pm 0.1$  mm repetition accuracy, and withstands vertical process forces up to 300 N - suitable for manual and automated assembly or machining stations.

- ESD-safe design protects sensitive assemblies during processing
- Repetition accuracy  $\pm 0.1$  mm for consistent process quality
- Workpiece pallet total weight up to 30 kg - suitable for heavy components
- Vertical process force up to 300 N
- Track width 160 mm, length in transport direction 160 mm - direct fit for TS 2plus lines
- Compressed air operation 4-6 bar, G1/8" port connection

- Fully assembled and delivered with fastening material - ready to install

## Technical data

Parameter	Value
Track width in direction of transport [b]	160 mm
Length in direction of transport [lT]	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
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	2.73 kg