

# Positioniereinheit PE 5/OC-T für WT-5-Werkstückträger - Bosch Rexroth

## 3842998804

**Item no.** BRR-3842998804 **Manufacturer** Bosch Rexroth

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The PE 5/OC-T positioning unit locates WT 5 workpiece pallets in manual or automated processing stations of a transverse conveyor to within  $\pm 0.3$  mm in both x and y directions. It lifts the pallet 5 mm above the transport level and withstands vertical process forces up to 4000 N. Installed from below; compatible with all WT 5 pallets and ST 5/OC conveyor sections.

### TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
ESD-Ausführung	<b>TEC</b>
Weight	<b>0.0099 kg</b>
Zolltarifnummer	<b>84313900</b>



### STANDARDS & COMPLIANCE

**ESD safe**

### DESCRIPTION

The PE 5/OC-T is a fully pre-assembled positioning unit for the Bosch Rexroth transfer assembly system. It raises WT 5 workpiece pallets 5 mm above the transport level in the transverse conveyor and positions them to  $\pm 0.3$  mm accuracy in x and y - even under high process loads.

- **High repeat accuracy:**  $\pm 0.3$  mm in x and y, suitable for automated machining and joining stations.
- **High load capacity:** vertical process force up to 4000 N with centre load, independent of the pallet weight.
- **Pneumatic drive:** compressed air supply 5 to 6 bar, push-in air connection 8 mm.
- **Broad compatibility:** fits all WT 5 workpiece pallets; mounts from below into ST 5/OC conveyor sections.

- **Scope of delivery:** fully assembled, including fastening material for ST 5/OC and stop kit for VE 5/OCD300 and VE 5/OCD-1000.

## Technical data

Parameter	Value
Positioning accuracy	±0.3 mm (x and y)
Lift over transport level	5 mm
Max. vertical process force (centre load)	4000 N
Compressed air supply	5 - 6 bar
Air connection	Push-in 8 mm
Positioning unit length [IPE]	471 / 576 / 764 mm
Positioning unit width [bPE]	259 / 454 / 649 / 844 mm
Length in direction of transport [IT]	455 / 650 / 845 mm
Track width [b]	455 / 650 / 845 / 1040 mm
Preferred values	455 / 650 / 845 / 1040 mm
Weight	variant-dependent (see configuration selector)
Compatible workpiece pallets	All WT 5 types
Compatible conveyor sections	ST 5/OC
Required accessories	Stop gate VE 5/200, VE 5/D300, VE 5/D301 or VE 5/D1000; protective sleeves and protective cover
Recommended accessories	Lateral guide cover, protective cover
Delivery	Fully assembled