

# Hub- und Positioniereinheit HP 2/L, Hubzylinder Ø 40 mm, ESD-geeignet - Bosch Rexroth 3842998952

**Item no.** BRR-3842998952 **Manufacturer** Bosch Rexroth

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The HP 2/L lift positioning unit raises and precisely positions workpiece pallets on conveyor lines. A Ø 40 mm lifting cylinder with end-position damping delivers a repeat accuracy of 0.05 mm across five infinitely adjustable stroke ranges up to 240 mm. ESD-compatible; compatible with WT 2, WT 2/F and WT 2/E workpiece pallets.

## 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 HP 2/L lift positioning unit positions workpiece pallets accurately at conveyor level using exchangeable positioning pins in the HP 2/L and positioning bushings in the WT 2 workpiece pallet. The Ø 40 mm lifting cylinder includes damping for both the upper and lower end positions and can be exchanged without disassembling the lift plate.

- Five stroke ranges h0 from 0 to 240 mm, infinitely adjustable within each range
- Adjustment time at H = 50 mm (without load): upward stroke 0.5 s, downward stroke 0.5 s
- For track width b = 240 mm: lifting cylinder available centrally (HA = 0) or offset (HA = 1)
- Space-saving layout possible by stopping the workpiece pallet at the inner side
- ESD-compatible; supplied fully assembled including fastening material and throttle non-return valve

- Max. workpiece pallet total weight: 40 kg; permissible vertical process force: 400 N

## Technical data

Parameter	Value
Article number	3842998952
Lifting cylinder diameter	Ø 40 mm
Repeat accuracy	0.05 mm (lifts up to 204 mm only)
Max. workpiece pallet total weight mG	40 kg
Permissible vertical process force (incl. WT 2)	400 N
Required compressed air connection p	4 to 6 bar
Pneumatic straight connection Ø	8 mm
Stroke ranges h0	0 to 240 mm (5 ranges, infinitely adjustable)
Nominal stroke / WT lift above conveyor level	50 mm / 0 to 28 mm
Nominal stroke / WT lift above conveyor level	100 mm / 35 to 78 mm
Nominal stroke / WT lift above conveyor level	160 mm / 95 to 138 mm
Nominal stroke / WT lift above conveyor level	200 mm / 135 to 178 mm
Nominal stroke / WT lift above conveyor level	250 mm / 185 to 228 mm
Track width b	160, 240, 320 mm
Length in direction of transport IT	160, 240, 320 mm
Lift arrangement HA	0 (central), 1 (offset; b = 240 mm only)
ESD-compatible	yes
Scope of delivery	Fully assembled, incl. fastening material and throttle non-return valve
Weight	0.0099 kg (unit without accessories)