

Lift Elevator EL 2 with ESD Protection, Stroke 400-1500 mm, Section Load 60 kg - Bosch Rexroth 3842998861

Item no. BRR-3842998861

Manufacturer Bosch Rexroth

The Bosch Rexroth Lift EL 2 raises workpiece pallets vertically between two transport levels in assembly lines - with an adjustable stroke of 400 to 1500 mm and a section load of up to 60 kg in accumulation mode. The ESD-compliant design suits electrostatically sensitive production environments. Delivery includes 2 sensors M12x1, a position-sensing kit, and a protective cover.

TECHNICAL DATA

Country of Manufacture	China
HS-Code	84313900
Weight	0.1 kg



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Lift EL 2 is a vertical elevator for Bosch Rexroth VarioFlow and MTpro assembly line systems. It transfers workpiece pallets between different transport levels, enabling flexible multi-level layouts with a compact footprint in the direction of transport.

- ESD-compliant construction for electrostatically sensitive assemblies and products
- Stroke range 400 to 1500 mm - adaptable to the required installation height H (total lift height hT up to 2900 mm)
- Section load in accumulation mode 60 kg, specific section load 1 kg/cm
- Preferred lengths in direction of transport (IT): 160, 240, 320, 400, 480, 640, 800 mm
- Complete scope of delivery: 2 sensors M12x1 (SN = 8 mm, L = 45 mm, part no. 3842557633), position-sensing kit for both sensors, protective cover
- Motor control unit available pre-assembled (GM = 1) or unassembled (GM = 0)

TECHNICAL DATA

Parameter	Value
ESD protection	Yes

esd.equipment

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Parameter	Value
Minimum stroke [mm]	400
Maximum stroke [mm]	1500
Section load, accumulation mode [kg]	60
Specific section load [kg/cm]	1
Total lift height hT [mm]	1000 - 2900 (steps: 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2300, 2600, 2900)
Length in direction of transport IT [mm]	160, 240, 320, 400, 480, 640, 800
Preferred stroke values [mm]	160, 240, 320, 400, 480, 640, 800
Lower transport level H1	Stroke $s = H - H1$, $400 \leq s \leq 1500$
Weight (excl. motor/accessories) [kg]	Manufacturer value: 0 (please confirm with Bosch Rexroth)
Protective cover	PC and aluminium
Vertical guide	Steel
Guide profiles	PE-UHMW, black
Chain wheel and chain tensioner	Steel
Motor cover	Sheet, galvanized
Feed hook	POM, black
Recommended accessories	Automatic lubrication unit LU 2 with adapter set for EL 2 (3842559808), connection kit EL 2 (3842559810)
Required accessories	Optical sensor for infeeding, rockers WI 2/..., WI/M for infeed and outfeed of the workpiece pallet