

# Pedestrian lowlifter truck 1.40 ton

## BT tyro

LHE140BE



# Pedestrian lowlifter truck

Truck specifications					LHE140BE	
Identification	1.2	Model			LHE140BE	LHE140BE
	1.3	Drive			Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian
	1.5	Load capacity/rated load	Q	kg	1400	1400
	1.6	Load centre	c	mm	600	400
	1.8	Load distance, center of drive axle to fork (forks raised/lowered)	x	mm	595	597
	1.9	Wheelbase (forks raised/lowered)	y	mm	833	835
Weight	2.1	Service weight including battery		kg	125	125
	2.2	Axle load, with load, drive/castor/fork wheel		kg	625/1000	431/1091
	2.3	Axle load, without load, drive/castor/fork wheel		kg	98 /27	98 /27
Wheels	3.1	Drive/castor/fork wheel			Polyurethane	Polyurethane
	3.2	Wheel size, front	Ø x width	mm	210x75	210x70
	3.3	Wheel size, rear	Ø x width	mm	80x70	80x93
	3.4	Additional wheels, dimensions	Ø x width	mm	80x30	80x30
	3.5	Wheels, number front/rear (x = driven wheels)			1x + 2/4	1x + 2/4
	3.6	Track width, front	b <sub>10</sub>	mm	430	430
	3.7	Track width, rear	b <sub>11</sub>	mm	250	360
Dimensions	4.4	Lift	h <sub>3</sub>	mm	115	115
		Lift height	h <sub>23</sub>	mm	195	195
	4.9	Height of tiller in drive position, min./max.	h <sub>14</sub>	mm	700 / 1160	700 / 1160
	4.15	Height, fork lowered	h <sub>13</sub>	mm	80	80
	4.19	Overall length	l <sub>1</sub>	mm	1180	1180
	4.20	Length to face of forks	l <sub>2</sub>	mm	380	380
	4.21	Overall width	b <sub>1</sub>	mm	540	540
	4.22	Fork dimensions	s/e/l	mm	48 / 120 / 800	47 / 160 / 800
	4.25	Width over forks	b <sub>5</sub>	mm	370	520
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub>	mm	33	33
	4.34	Aisle width for pallets 800x1200 lengthways	A <sub>st</sub>	mm	1900	1900
4.35	Turning radius (forks raised)	Wa	mm	980	986	
Performance	5.1	Travel speed, with/without load		km/h	4,6/4,8	4,6/4,8
	5.2	Lift speed, with/without load		m/s	0,020/0,025	0,020/0,025
	5.3	Lowering speed, with/without load		m/s	0,05/0,04	0,05/0,04
	5.8	Max. gradeability, with/without load		%	5/16	6/16
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	0,65	0,65
	6.2	Lift motor rating at S3 10%		kW	0,5	0,5
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no			no	no
	6.4	Battery voltage/nominal capacity K5		V/Ah	24/36	24/36
	6.5	Battery weight		kg	7	7
	6.6	Energy consumption acc. to VDI cycle		kWh/h	0,18	0,18
Other	8.1	Type of drive control			DC-speed control	DC-speed control
	10.7	Sound level at the driver's ear according to EN12053		dB (A)	<70	<70

All data are based on table configuration. Other configurations may give other values.  
Truck performance and dimensions are nominal and subject to tolerances.  
Toyota Material Handling products and specifications are subject to change without notice.

