

OSE250/250P

Specifications						OSE250	OSE250P
Identification	1.1	Manufacturer				Toyota	Toyota
	1.2	Model				OSE250	OSE250P
	1.3	Drive				Electric	Electric
	1.4	Operator type				Stand on	Stand on
	1.5	Load capacity/rated load	Q	kg		2500	2500
	1.6	Load centre distance	c	mm		1200	1200
	1.8	Load distance, back of fork to bogie wheel centre, raised/lowered support arms	x	mm		886/957	886/957
	1.9	Wheelbase, raised/lowered support arms	y	mm		2088/2159	2088/2159
Weight	2.1	Service weight without battery, short/long chassis		kg		765/897	765/897
	2.2	Axle load, with load, drive/castor/fork wheels					
		short chassis		kg		833/670/2223	833/670/2223
		long chassis		kg		894/800/2243	894/800/2243
	2.3	Axle load, without load, drive/castor/fork wheels					
		short chassis		kg		480/270/250	480/270/250
Wheels		long chassis		kg		500/300/270	500/300/270
	3.1	Drive/castor/fork wheels				Polyurethane	Polyurethane
	3.2	Wheel size, front	Ø x width	mm		250x75	250x75
	3.3	Wheel size, rear	Ø x width	mm		85x74	85x74
	3.4	Additional wheels (dimensions)	Ø x width	mm		150x78	150x78
Dimensions	3.5	Wheels, number front/rear (x = driven wheels)				1x+1/4	1x+1/4
	4.2.1	Overall height	h_{15}	mm		1277	1277
	4.4	Lift movement	h_3	mm		150	150
		Lift height	h_{23}	mm		235	235
	4.8	Stand height	h_7	mm		138	138/980
	4.15	Height, fork lowered	h_{13}	mm		85	85
	4.19	Overall length, short/long chassis	l_1	mm		2488/2574	2488/2574
	4.20	Length to face of forks, short/long chassis	l_2	mm		1338/1424	1338/1424
	4.21	Overall width	b_1	mm		790	790
	4.22	Fork dimensions	s/e/l	mm		50/180/1150	50/180/1150
	4.25	Width over forks	b_5	mm		450-685	450-685
	4.31	Ground clearance	m_1	mm		55	55
	4.34	Aisle width for pallets 800x1200 lengthways	A_{st}	mm		2815/2830	2815/2830
	4.35	Turning radius, short/long chassis	W_a	mm		2301/2387	2301/2387
	4.44	Clear width driver compartment entrance	l_{24}	mm		450	450
Performance data	5.1	Travel speed, with/without load		km/h		8,0/12,0	8,0/12,0
	5.2	Lift speed, with/without load		m/s		0,067/0,094	0,067/0,094
	5.3	Lowering speed, with/without load		m/s		0,08/0,05	0,08/0,05
	5.8	Max. gradeability, with/without load ¹⁾		%		8/13	8/13
	5.10	Service brake				Electromagnetic	Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW		2,8	2,8
	6.2	Lift motor rating S3 7%		kW		2,0	2,0
	6.4	Battery voltage, nominal capacity K_s		V/Ah		24/310, 620	24/310, 620
	6.5	Battery weight, min./max.		kg		239/501	239/501
	6.6	Energy consumption according to VDI cycle		kWh/h		0,61	0,61
Other	8.1	Type of drive control				BT Powerdrive	BT Powerdrive
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)		63	63

1) Measured according to company standard.

Dimensional drawings

