



EP 16-N01 EP 20-N04 EP 25-N02

1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		EP 16-N01
1.3	Drive: electric, diesel, petrol, fuel gas		Electric
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian
1.5	Rated capacity / Rated load	Q (t)	1.6
1.6	Load centre distance	c (mm)	600
1.8	Load distance, centre of drive axle to fork	x (mm)	892
1.9	Wheelbase	y (mm)	1261
2.1	Service weight	Kg	445
2.2	Axle loading, laden front/rear	Kg	715/1330
2.3	Axle loading, unladen front/rear	Kg	345/100
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PU
3.2	Tyre size, front		Ø 230x70
3.3	Tyre size, rear		Ø 84x84
3.4	Additional wheels (dimensions)		Ø100x40
3.5	Wheels, number front/rear (x = driven wheels)		1x+2/4
3.6	Tread, front	b10 (mm)	510
3.7	Tread, rear	b11 (mm)	367/512
4.4	Lift	h3 (mm)	125
4.9	Height drawbar in driving position min/max	h14 (mm)	820/1335
4.15	Height, lowered	h13 (mm)	85
4.19	Overall length	l1 (mm)	1670
4.20	Length to face of forks	l2 (mm)	520
4.21	Overall width	b1/b2 (mm)	729
4.22	Fork dimensions ISO 2331	s/e/l (mm)	60/173/1150
4.25	Distance between fork-arms	b5 (mm)	540/685
4.32	Ground clearance, centre of wheelbase	m2 (mm)	25
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	1885
4.34.2	Aisle width for pallets 800 x 1200 crossways	Ast (mm)	1935
4.35	Turning radius	Wa (mm)	1440
5.1	Travel speed, laden/unladen	km/h	6,0/6,0
5.2	Lift speed, laden/unladen	m/s	0,025/0,035
5.3	Lowering speed, laden/unladen	m/s	0,035/0,030
5.8	Max gradeability, laden/unladen	%	8/15
5.10	Service brake		Electromagnetic
6.1	Drive motor rating S2 60 min	kW	1.3
6.2	Lift motor rating at S3 15%	kW	0.8
6.3	Battery according to DIN 43531/35/36 A, B, C, no		2VBS
6.4	Battery voltage/nominal capacity K5	V/Ah	24/160
6.5	Battery weight	kg	150
6.6	Energy consumption according to VDI cycle	kWh/h	0.44
8.1	Type of drive unit		AC
10.7	Sound pressure level at driver's seat	dB (A)	67

