



ES 12-N02

ES 15-N01

1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		ES 12-N02
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)	1.2
1.6	Load centre distance	c (mm)	600
1.8	Load distance, centre of drive axle to fork	x (mm)	684
1.9	Wheelbase	y (mm)	1196
2.1	Service weight	Kg	960
2.2	Axle loading, laden front/rear	Kg	830/1330
2.3	Axle loading, unladen front/rear	Kg	730/230
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PU
3.2	Tyre size, front		Ø 252x88
3.3	Tyre size, rear		Ø 80x70
3.4	Additional wheels (dimensions)		Ø150x54
3.5	Wheels, number front/rear (x = driven wheels)		1x+2/4
3.6	Tread, front	b10 (mm)	686
3.7	Tread, rear	b11 (mm)	390/505
4.2	Height, mast lowered	h1 (mm)	2096
4.3	Free lift	h2 (mm)	120
4.4	Lift	h3 (mm)	3200
4.5	Height, mast extended	h4 (mm)	3975
4.9	Height drawbar in driving position min/max	h14 (mm)	985/1420
4.15	Height, lowered	h13 (mm)	81
4.19	Overall length	l1 (mm)	1846/1946
4.20	Length to face of forks	l2 (mm)	695/795
4.21	Overall width	b1/b2 (mm)	910
4.22	Fork dimensions ISO 2331	s/e/l (mm)	60/180/1150
4.25	Distance between fork-arms	b5 (mm)	570/685
4.32	Ground clearance, centre of wheelbase	m2 (mm)	26
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2278/2378
4.34.2	Aisle width for pallets 800 x 1200 crossways	Ast (mm)	2211/2311
4.35	Turning radius	Wa (mm)	1400/1500
5.1	Travel speed, laden/unladen	km/h	6,0/6,0
5.2	Lift speed, laden/unladen	m/s	0,105/0,150
5.3	Lowering speed, laden/unladen	m/s	0,130/0,110
5.8	Max gradeability, laden/unladen	%	6/12
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	2.2
6.3	Battery according to DIN 43531/35/36 A, B, C, no		No, cells 3PzS
6.4	Battery voltage/nominal capacity K5	V/Ah	24/210
6.5	Battery weight	kg	210
6.6	Energy consumption according to VDI cycle	kWh/h	1.4
8.1	Type of drive unit		AC
10.7	Sound pressure level at driver's seat	dB (A)	<70

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Mast	Single stage 1600mm	2 stages 2600mm	2 stages 2900mm	2 stages with free lift 2900mm	2 stages 3200mm	2 stages with free lift 3200mm	2 stages 3600mm
H1	1976	1796	1946	1946	2096	2096	2296
H2	1519	120	120	1484	120	1634	120
H3	1600	2600	2900	2900	3200	3200	3600
H4	2375/1976	3375/2996	3675/3296	3675/3281	3975/3596	3975/3581	4375/3996

