

FE3R16 N Battery Balance Weight Type Forklift

Identification	1.1	Manufacture(abbreviation)	Noblelift	Noblelift
	1.2	Manufacturer's type designation	FE3R16E	FE3R16N
	1.3	Drive:electric(battery or mains), diesel, petrol gas, manual)	electric	electric
	1.4	Type of operation(hand, pedestrian, standing, seated, order-picker)	seated	seated
	1.5	Load capacity/rated load Q(kg)	1600	1600
	1.6	Load centre distance C(mm)	500	500
	1.8	Load distance, centre of drive axle to fork x(mm)	340	340
	1.9	wheelbase y(mm)	1240	1240
Weights	2.1	Service weight incl. battery(see line 6.5) kg	3000	3040
	2.2	Axle loading ,laden front/rear kg	4000/600	4020/620
	2.3	Axle loading,unladen front/rear kg	1280/1720	1300/1740
Wheels、Chassis	3.1	Type:solid rubber, superelastic, pneumatic, polyurethane	pneumatic/solid rubber	solid rubber/solid rubber
	3.2	Tyres size, front	18×7-8-14PR	457/178-308
	3.3	Tyres size, rear	18×7-8	18×7-8
	3.5	Wheels, number front/rear(×=driven wheels)	2/1×	2/1×
	3.6	Track width, front b ₁₀ (mm)	822	822
	3.7	Track width, rear b ₁₁ (mm)	—	—
Basic Dimensions	4.1	Mast/fork carriage tilt forward/backward $\alpha / \beta (^{\circ})$	3/6	3/6
	4.2	lowered mast height h ₁ (mm)	1986	1986
	4.3	Free lift h ₂ (mm)	105	105
	4.4	Lift height h ₃ (mm)	3000	3000
	4.5	Extended mast height h ₄ (mm)	3980	3980
	4.7	Overhead load guardheight h ₆ (mm)	2060	2060
	4.8	Seat height/standing height h ₇ (mm)	1050	1050
	4.12	Coupling height h ₁₀ (mm)	570	570
	4.19	Overall length l ₁ (mm)	2785	2785
	4.20	Length to face of forks l ₂ (mm)	1865	1865
	4.21	Overall width b ₁ (mm)	1000	1000
	4.22	Fork dimensions s/e/l (mm)	35/100/920	35/100/920
	4.24	Fork carriage width b ₃ (mm)	980	980
	4.31	Ground clearance ,laden, under mast m ₁ (mm)	92	92
	4.32	Ground clearance, centre of wheelbase m ₂ (mm)	97	97
	4.33	Aisle width for pallets 1000×1200 crossways Ast(mm)	3288	3288
	4.34	Aisle width for pallets 800×1200 lengthways Ast(mm)	3411	3411
	4.35	Turning radius Wa (mm)	1520	1520
Performance Data	5.1	Travel speed, laden/unladen km/h	10/11	10/11
	5.2	Lift speed, laden/unladen m/s	0.24/0.37	0.24/0.37
	5.3	lowering speed, laden/unladen m/s	<600	<600
	5.6	Max. drawbar pull ,laden/unladen S ₂ 5 min N	2800/8000	2800/8000
	5.7	Gradient performance, laden/unladen S ₂ 30 min N	10/13	10/13
	5.10	Service brake	Hydraulic	Hydraulic
E-Motor	6.1	Drive motor rating S ₂ 60 min kW	5	5
	6.2	Lift motor rating at S ₃ 15% kW	8.6	8.6
	6.3	Battery standard	DIN	DIN
	6.4	Battery voltage, nominal capacity K ₅ V/Ah	48/400	48/400
	6.5	Battery weight kg	650	650
		Battery dimensions l/w/h mm	770×485×661	770×485×661
Other Details	8.1	Type of drive control	AC	AC
	8.2	Operating pressure for attachments MPa	16	16
	8.3	Oil volume for attachments l/min	30	30
	8.4	Sound level at driver's ear according to EN 12 053 dB(A)	70	70