GROS



3 Wheels Electric Forklift TKA10/15

Standard					
1.1	Manufacturer		MiMA		
1.2	Model		TKA10	TKA15	TKA15F09
1.3	Power Type		Battery	Battery	Battery
1.4	Operation Type		Seated	Seated	Seated
1.5	Rated Capacity	Q(kg)	1000	1500	1500
1.6	Load Center	C(mm)	500	500	500
1.8	Front Overhand	x(mm)	168	168	175
1.9	Wheelbase	y(mm)	975~990~1020	1127~1142~1172	996~1018~1060
Weight					
2.1	Service Weight(incl.battery)	kg	1700	1990	2250
2.2	Weight distribution when loaded，drive	kg	335 /2365	390/3170	350/3400
2.3	Weight distribution when unloaded，	kg	1045 /655	1250/750	1450/800
Wheel					
3.1	Wheel Types		PU	PU	PU/Solid rubber
3.2	Load Wheel	mm	φ285×100	φ285×100	φ305×140
3.3	Drive wheel	mm	φ230×110	φ280×135	φ280×135
3.5	Number of wheels,front/rear(x=drive wheel)		2 / 1X	/	2 / 1X
3.6	Wheel tread,drive side	b10(mm)	/	2 / 1X	/
3.7	Wheel tread,load side	b11(mm)	804	804	870
Size					
4.1	Mast tilting	α/β(°)	2/4	2/4	2/4
4.2	Mast closed height	h1(mm)	1995	1995	2065
4.3	Free lift height	h2(mm)	110	90	/
4.4	Lift height	h3(mm)	3000	3000	3000
4.5	Mast extended height	h4(mm)	3530	3530	3560
4.7	Overhead guard height	h6(mm)	1965	1965	1965
4.8	Seat height	h7(mm)	930	930	930
4.19	Overall length	L1(mm)	2330	2496	2415
4.20	Length to fork face	L2(mm)	1410	1576	1495
4.21	Overall width	b1/b2(mm)	912	912	1010
4.22	Fork size	l/e/s(mm)	920/100/35	920/100/35	920/100/35
4.23	Installation level		2A	2A	2A
4.24	Fork carriage width	b3(mm)	620	620	680
4.25	Fork outside width	b5(mm)	220～620	220～620	220～680
4.31	Mast ground clearance	m1(mm)	90	90	80
4.32	Body ground clearance	m2(mm)	90	90	90
4.34.1	Aisle width for pallet 1000*1200	Ast(mm)	2760	2925	2845
4.34.2	Aisle width for pallet 800*1200	Ast(mm)	2870	3037	2960
4.35	Turning radius	Wa(mm)	1255	1415	1325
Function					
5.1	Driving speed(load/unload)	km/h	6/7	6/7	6/7
5.2	Lifting speed(load/unload)	mm/s	150/190	110/200	125/260
5.3	Lowering speed(load/unload)	mm/s	200/130	140/140	200/210
5.5	Traction capacity(load/unload)(S2-5min)	N	/		/
5.8	Max.Gradeability(load/unload)(S2-5min)	%(tanθ)	8/10	5/10	8/10
5.10	Brake type		Hydraulic+Electromagnetic	Hydraulic+Electromagnetic	Hydraulic+Electromagnetic
Drive					
6.1	Driving motor(S2-60min)	kw	1.5	2.3	2.3
6.2	Lifting motor(S3-15%)	kw	2	3	3.5
6.4	Battery voltage/capacity	V/Ah	24/300	24/350	24/480
6.5	Battery weight	kg	277	305	376
6.6	Steering system		EPS	EPS	EPS
Option					
7.1	Lithium battery configuration	V/Ah			

*When equipped with side shifter，fork outside width max 600mm.

*When equipped with side shifter，Front overhand of TKA10 is 237mm,TKA15 is 237mm and 234mm.