

DB12W/14W/16W

Electric Stacker



ZOOMLION

LIFTING SOLUTIONS

Electric Stacker

Consider your order picked!

DISTINGUISHING MARKS	1.1	Manufacturer			Zoomlion	Zoomlion	Zoomlion
	1.2	Manufacturer's type designation			DB12W	DB14W	DB16W
	1.3	Drive			Electric	Electric	Electric
	1.4	Operation			Pedestrian	Pedestrian	Pedestrian
	1.5	Nominal load capacity	Q	kg	1200	1400	1600
	1.6	Load center distance	c	mm	600	600	600
	1.8	Load spacing	x	mm	688	693	770
	1.9	Wheel base	y	mm	1225	1305	1380/1395
	WEIGHTS	2.1	Empty weight (incl. Battery)		kg	950	1050
2.2		Axle loading, laden (front=load side)	front/rear	kg	715/1435	755/1695	2286/403
2.3		Axle loading, unladen (front=load side)	front/rear	kg	645/305	715/335	490/600
TYRES/CHASSIS	3.1	Tyres			PU	PU	PU
	3.2	Tyre size	load side		Ø78*60	Ø78*60	Ø78*60
		Tyre size	mast side		Ø230*70	Ø230*70	Ø230*70
	3.4	Additional wheels			Ø124*50	Ø124*50	Ø124*50
	3.5	Wheels, number (x = driven)			1x + 1/ 4	1x + 1/ 4	1x + 1/ 4
	3.6	Tread, front	b10	mm	538	538	380/430/510
	3.7	Tread, rear	b11	mm	380/430/515	380/430/515	380/430/515
BASIC DIMENSIONS	4.2	Height with mast lowered	h1	mm	1970	2030	1795/2045/2050*/2075*
	4.3	Free lift	h2	mm	100	100	90/90/1510/1550
	4.4	Rated lift	h3	mm	2930	2950	1600/2500/3000/4500
	4.5	Height with mast extended	h4	mm	3420	3465	2050/1795/2045/2075
	4.9	Drawbar height in driving position (min/max)	h14	mm	715/1200	715/1200	850/1385
	4.15	Forks height, lowered	h13	mm	90	90	90
	4.19	Overall length	l1	mm	1825	1940	1940/2010
	4.20	Length including fork backs	l2	mm	675	790	790
	4.21	Overall width	b1	mm	780	780	780
	4.22	Fork dimensions ISO 2331	s/e/l	mm	60/170/1150 (1220)	60/170/1150 (1220)	60/170/1150 (1220)
	4.25	Distance between forks arms	b5	mm	550/600/685	550/600/685	550/600/685
	4.32	Ground clearance wheel base center	m2	mm	28	28	28
	4.34.1	Working aisle width with pallet 1000 x 1200 crossways	Ast	mm	2333	2465	2585/2600/2635
	4.34.2	Working aisle width with pallet 800 x 1200 lengthways	Ast	mm	2303	2440	2515/2530/2575
4.35	Turning radius	Wa	mm	1463	1589	0	
PERFORMANCE	5.1	Travel speed (laden/unladen)		km/h	5,0/5,5	5,0/5,5	5/5,3
	5.2	Lifting speed (laden/unladen)		m/s	0,10/0,16	0,13/0,16	58/148
	5.3	Lowering speed (laden/unladen)		m/s	0,19/0,18	0,22/0,13	145/80
	5.8	Max. gradeability (laden/unladen)		%	8/16	8/16	5/7
	5.10	Service brake				Electromagnetic	
ENGINES' DATA	6.1	Drive motor, output with S3 = 60 min.		kW	1,5	1,5	1,5
	6.2	Lifting motor rating at S3=15%		kW	3	3	3
	6.4	Battery Voltage	U	V	24	24	24
	6.4.1	Battery capacity K5		Ah	210	210	210
	6.5	Battery weight		kg	210	210	210
MISC	8.1	Type of drive unit			AC	AC	AC
	10.7	Sound pressure Level LpAZ (operator position, open cab)		dB(A)	74	74	74

