

ELECTRIC FORKLIFT

SPECIFICATION VDI 2198

		BALKANCAR RECORD					
Characteristics	1	Manufacturer					
	2	Type	ELECTRIC FORKLIFT				
	3	Load capacity	Q	kg	ER 60 ER 70 ER 80 6000 7000 8000		
	4	Load center	C	mm	600		
	5	Drive unit	Battery/diesel/LPG				
	6	Type of operation	Pedestrian/Rider seated/Stand-on				
	7	Tyres	L – pneumatic; SE – superelastic				
	8	Wheels (x–driven)	Number, front/rear 4 x / 2				
Dimensions	9	Lift	h_3	Lift height	mm	3300; 4000; 4500	
	10		h_2	Free lift	mm	120	
	11		h_5	Extended free lift	mm	-	
	12	Fork carriage	According to DIN 15137			4 A	
	13	Fork dimensions	s / e / l	Thickness/width/length	mm	60 x 130 x 1150 ²⁾	60 x 200 x 1200 ²⁾
	14	Tilt angle	α / β	Forward/backward	(°)	$5^0 \pm 1^0 / 10^0 \pm 1^0$	
	15	Overall dimensions	L_2	Length	mm	3300	3450
	16		B	Width	mm	2350	
	17		h_1	Height, mast lowered	mm	2677; 2960; 3210	
	18		h_4	Height, mast extended	mm	4377 ¹⁾ ; 5000 ¹⁾ ; 5500 ¹⁾	
	19		h_6	Height of overhead guard	mm	2420	
	20		h_7	Height of seat	mm	1400	
	21	Turning radius	W_a	Outer radius	mm	3000	3200
22	Load distance	X	Front axle center to fork face	mm	615	640	
23	Aisle width	Ast_4	For pallets 800x1200 For pallets 1000x1200	mm	4650 4850	4850 5050	
Performance	24	Speed	Travel with load/without load		km/h	10 / 12	
	25		Lifting with load/without load		m/s	0,3 / 0,4	
	26		Lowering with load/without load		m/s	0,3 / 0,4	
	27	Rated drawbar pull	With load $S_2 - 60$ min		kN	10	
	28	Maximum drawbar pull	With load $S_2 - 5$ min		kN	19	
	29	Climbing ability	With load/without load $S_2 - 30$ min		%	8 / 11	6 / 9
30	With load/without load $S_2 - 5$ min		%	10 / 13	8 / 11		
30	Maximum climbing ability	With load/without load $S_2 - 1$ min		%	13 / 19	10 / 15	
Weight	31	Weight	Including battery acc. to ISO 5053 – 87		kg	9800	10700 11030
	32	Axle load	With load front/rear		kg	13800 / 2000	15400 / 2300 16600 / 2420
	33		Without load front/rear		kg	4000 / 5800	4400 / 6300 4530 / 6500
Chassis	34	Tyres	Number, front/rear			4 / 2	
	35		Size, front			8,25 - 15	
	36		Size, rear			8,15 - 15	
	37	Wheelbase	Y	mm	2 250		2 350
	38	Track width	Front/rear		mm	1400 / 1400	
	39	Ground clearance	m_1	Lowest point with load	mm	200	
	40		m_2	Center of wheelbase with load	mm	245	
	41	Service brake	Mech./hydr./pneum./combined				Hydraulic
42	Parking brake	Hand/foot				Hand	
Drive	43	Battery	Type			Panzer	
	44		Voltage/rated capacity (after 5 hour of work)		V/Ah	80/700	80/800 80/960
	45		Weight		kg	2150	2500 2800
	46	Electric motors	Drive motor performance at $S_2 - 60$ min		kW	20 или 2x12	
	47		Lift motor performance at $S_4 - 25\%$		kW	22	
48	Drive control	Type				Impulse regulator	
49	Transmission	Type				Mechanical	
50	Working pressure	For attachments			MPa	14	
51	Noise level	Average value at operator's ear			dB(A)	70...72	

1) Size h_4 does not include a load backrest. When a backrest is fitted add + 680 mm.

2) Recommended fork dimensions

* Electric forklifts in accordance with BDS EN 1726-1

* Other variants of specifications, characteristics and batteries are possible.

* Dimensions and parameters as shown are for reference only. They have been obtained under laboratory testing conditions. They could vary in accordance with the operation mode and the corresponding variants.

* Balkancar Rekord JSC reserves the right to introduce changes to the specifications and products without notice.

* The pictures and illustrations do not include all variants produced, additional equipment and accessories.

