

ELECTRIC FORKLIFT			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type	ELECTRIC FORKLIFT			
	3	Load capacity	Q	kg	ER 60	ER 70
	4	Load center	C	mm	6000	7000
	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			
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			
	13	Fork dimensions	s / e / l	Thickness/width/length	mm	60 x 130 x 1150 ²⁾
	14	Tilt angle	α / β	Forward/backward	(°)	5°±1° / 10°±1°
	15	Overall dimensions	L_2	Length	mm	3300
	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
	22	Load distance	X	Front axle center to fork face	mm	615
	23	Aisle width	Ast_4	For pallets 800x1200 For pallets 1000x1200	mm	4650 4850
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
	30		With load/without load S_2 – 5 min		%	10 / 13
Weight	31	Weight	Including battery acc. to ISO 5053 – 87		kg	9800
	32	Axle load	With load front/rear		kg	13800 / 2000
	33		Without load front/rear		kg	4000 / 5800
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
	45		Weight		kg	2150
	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. .

