

RECORD 2SR			SPECIFICATION VDI 2198				
Characteristics	1	Manufacturer	BALKANCAR RECORD				
	2	Type			DV 1794.33.110 SR	DV 1798.33.110 SR	
	3	Load capacity	Q	kg	4000	5000	
	4	Load center	C	Load center to fork face	mm 500		
	5	Drive unit	Battery/diesel/LPG			Diesel	
	6	Type of operation	Pedestrian/Rider seated/Stand-on			Rider seated	
	7	Tyres	L – pneumatic; SE – superelastic, front/rear			L/L (SE/SE)	
	8	Wheels (x–driven)	Number, front/rear			2x/2	
Dimensions	9	Lift	h_3	Lift height	mm 3300, 4000, 4500		
	10		h_2	Free lift	mm 96		
	11		h_5	Extended free lift	mm -		
	12	Fork carriage	According to DIN 15137, class/type			4B	
	13	Fork dimensions	s/e/l	Thickness/width/length	mm 60x130x1150 ¹⁾		
	14	Tilt angle	α/β	Forward/backward	(°) 10°±1°/15°±1°		
	15	Overall dimensions	L_2	Length	mm 3200	3400	
	16		B	Width	mm 1900		
	17		h_1	Height, mast lowered	mm 2595; 2945; 3195		
	18		h_4	Height, mast extended	mm 4515; 5215; 5715		
	19		h_6	Height of overhead guard	mm 2470		
	20		h_7	Height of seat	mm 1400		
	21		Turning radius	W_a	Outer turning radius	mm 2750	3000
22	Load distance	X	Front axle center to fork face	mm 610	635		
23	Aisle width	A_{st4}	For pallets 800x1200 For pallets 1000x1200	mm 4630 4830	4880 5080		
Performance	24	Speed	Travel with load/without load	km/h 28	I – 17, II – 27		
	25		Lifting with load/without load	m/s 0,3/0,4	0,3/0,4		
	26		Lowering with load/without load	m/s 0,5/0,4	0,5/0,4		
	27	Rated drawbar pull	With load		kN 20	I – 34, II – 25	
	28	Climbing ability	With load/without load		% 22/24	30/32	
Weight	29	Weight	Including battery acc. to ISO 5053 – 87		kg 6593	6840	
	30	Axle load	With load, front/rear		kg 9410/1094	10820/1020	
	31		Without load, front/rear		kg 3027/3466	3154/3686	
Chassis	32	Tyres	Number, front/rear		2 / 2		
	33		Size, front		37x16-16		
	34		Size, rear		8,15-15		
	35	Wheelbase	Y	mm	2050		
	36	Track width	Front/rear		mm	1500/1400	
	37	Ground clearance	m_1	Beneath mast with load	mm 250		
	38		m_2	Center of wheelbase with load	mm 355		
	39	Service brake	Mech./hydr./pneum./combined			Hydraulic	
40	Parking brake	Hand/foot			Hand		
Drive	41	Battery	Type		Panzer		
	42		Voltage/rated capacity (5h)		V/Ah	12/135	
	43		Weight		kg	41	
	44	Internal combustion engine	Manufacturer, type			VAMO D3900K	
	45		Engine performance to DIN 70020		kW	52	
	46		Rated speed to DIN70020		min ⁻¹	2250	
	47		Number of cylinders/displacement		cm ³	4/3860	
	48		Fuel consumption		l/h	4	
	49	Transmission	Type, speeds (forward/backward)		Hydrodynamic 6860.6, 1/1 6870.2-01, 2/1		
	50	Clutch coupling	Type		Hydro transformer		
51	Working pressure	For attachments		MPa	14		
52	Noise level	Average value at operator's ear		dB(A)	85		

1) Recommended fork dimensions

* Forklifts in accordance with BDS EN 1726-2

