

RECORD 2SR		SPECIFICATION VDI 2198					
Characteristics	1	Manufacturer	BALKANCAR RECORD JSC				
	2	Type		DV 1794.33.220SR	DV 1798.33.240SR		
	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		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	60	
	11		h_5	Extended free lift	mm	-	
	12	Fork carriage		According to DIN 15137		4 B	
	13	Fork dimensions	l	According to DIN 15137 / length	mm	4 B / 1150 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	4240; 4940; 5440	
	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	mm	4630	4880	
			For pallets 1000x1200	mm	4830	5080	
Performance	24	Speed	Travel with load/without load	km/h	25		
	25		Lifting with load/without load	m/s	0,3 / 0,4		
	26		Lowering with load/without load	m/s	0,5 / 0,4		
	27	Rated drawbar pull		With load	kN	20	I – 34; II – 25
28	Climbing ability		With load/without load	%	12 / 15	20 / 22	
Weight	29	Weight	Including battery acc. to ISO 5053 – 87		kg	6593	6840
	30	Axle load	With load	front/rear	kg	9410 / 1183	10820 / 1020
	31		Without load	front/rear	kg	3027 / 3566	3154 / 3686
Chassis	32	Tyres	Number, front/rear			2 / 2	
	33		Size, front			300x15	
	34		Size, rear			8,15-15	
	35	Wheelbase	Y	mm	2050	2250	
	36	Track width		Front/rear	mm	1500 / 1400	
	37	Ground clearance	m_1	Lowest point 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			Starter	
	42		Voltage/rated capacity		V/Ah	12 / 88	
	43		Weight		kg	22	
	44	Internal combustion engine	Manufacturer, type (diesel/LPG)			DEUTZ D2011 L04 W (diesel)	
	45		Engine performance to DIN 70020		kW	47,5	
	46		Rated speed to DIN70020		min ⁻¹	2600	
	47		Number of cylinders/displacement		cm ³	4 / 3620	
	48		Fuel consumption		l/h	4 (diesel)	
	49	Transmission		Type, speeds (forward/backward)		Hydrodynamic 6860.8 S3, 1/1 6870 S3, 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 length.

* Forklifts in accordance with BDS EN 1726-1.

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

* Other variants of specifications and characteristics 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.

