

RECORD 2SR			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			DV 1794.33.720SR	DV 1798.33.740SR
	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	3000; 3300; 4000; 4500
	10		$h_2$	Free lift	mm	60
	11		$h_5$	Extended free lift	mm	-
	12	Fork carriage		According to DIN 15137		4B
	13	Fork dimensions	s/e/l	Thickness/width/length	mm	45 x 130 x 1150 <sup>1)</sup>
	14	Tilt angle	$\alpha/\beta$	Forward/backward	(°)	10°±1° / 15°±1°
	15	Overall dimensions	$L_2$	Length	mm	3200
	16		B	Width	mm	1900
	17		$h_1$	Height, mast lowered	mm	2445; 2595, 2945, 3195
	18		$h_4$	Height, mast extended	mm	3940; 4240, 4940, 5440
	19		$h_6$	Height of overhead guard	mm	2470
	20		$h_7$	Height of seat	mm	1400
	21	Turning radius	Wa	Outer turning radius	mm	2750
	22	Load distance	X	Front axle center to fork face	mm	610
	23	Aisle width	Ast <sub>4</sub>	For pallets 800x1200 For pallets 1000x1200	mm	4630 4830
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
Weight	28	Climbing ability		With load/without load	%	22 / 24
	29	Weight		Including battery acc. to ISO 5053 – 87	kg	6665
	30	Axle load		With load front/rear	kg	9450 / 1200
	31			Without load front/rear	kg	3130 / 3535
Chassis	32	Tyres		Number, front/rear		2 / 2
	33			Size, front		300x15
	34			Size, rear		8,15-15
	35	Wheelbase	Y		mm	2050
	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
Drive	40	Parking brake		Hand/foot		Hand
	41	Battery		Type		Starter
	42			Voltage/rated capacity	V/Ah	12 / 135
	43			Weight	kg	41
	44	Internal combustion engine		Manufacturer, type (diesel/LPG)		Д243-С (diesel)
	45			Engine performance to DIN 70020	kW	60
	46			Rated speed to DIN70020	min <sup>-1</sup>	2200
	47			Number of cylinders/displacement	cm <sup>3</sup>	4 / 4800
	48			Fuel consumption	l/h	4,8 (diesel)
	49	Transmission		Type, speeds (forward/backward)		Hydrodynamic
	50	Clutch coupling		Type		6860.8 S3, 1/1      6870 S3, 2/1 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 1726-1

\* 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.

