

RECORD 2SR			SPECIFICATION VDI 2198					
Characteristics	1	Manufacturer		BALKANCAR RECORD				
	2	Type					DV 1794.33.220SR	DV 1798.33.240SR
							DV 1794.33.320SR <sup>1)</sup>	DV 1798.33.340 SR <sup>1)</sup>
	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			4x / 2		
Dimensions	9	Lift	h <sub>3</sub>	Lift height	mm	3000, 4000, 5000		
	10		h <sub>2</sub>	Free lift	mm	60 <sup>2)</sup>		
	11		h <sub>5</sub>	Extended free lift	mm	- <sup>2)</sup>		
	12	Fork carriage		According to DIN 15137			4 A	
	13	Fork dimensions	s/e/l	Thickness/width/length		mm	60x130x1150 <sup>3)</sup>	
	14	Tilt angle	α/β	Forward/backward		(°)	10°±1°/15°±1°	
	15	Overall dimensions	L <sub>2</sub>	Length	mm	3200	3400	
	16		B	Width	mm	1900		
	17		h <sub>1</sub>	Height, mast lowered	mm	2595, 2945, 3195		
	18		h <sub>4</sub>	Height, mast extended	mm	4240, 4940, 5440		
	19		h <sub>6</sub>	Height of overhead guard	mm	2470		
	20		h <sub>7</sub>	Height of seat	mm	1400		
	21	Turning radius	Wa	Outer turning radius		mm	2750	3000
	22	Load distance	X	Front axle center to fork face		mm	610	635
23	Aisle width	Ast <sub>4</sub>	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		
	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		%	22 / 24	I – 30 / 32	
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 <sub>1</sub>	Lowest point with load		mm	250	
	38		m <sub>2</sub>	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 D2011L04W / DEUTZ TD2009L04 / KUBOTA V3300 <sup>1)</sup>	
	45			Engine performance to DIN 70020		kW	47,5 / 50 / 53,7 <sup>1)</sup>	
	46			Rated speed to DIN70020		min <sup>-1</sup>	2600 / 3000 / 2800 <sup>1)</sup>	
	47			Number of cylinders/displacement		cm <sup>3</sup>	4/3619 / 4/2300 / 4/3300 <sup>1)</sup>	
	48			Fuel consumption		l/h	4 (diesel)	
	49	Transmission		Type, speeds (forward/backward)			Hydrodynamic 6860.6 S3, 1/1	Hydrodynamic 6870.2-01 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) Reference data for forklift trucks with KUBOTA V3300 engine.

2) For other lift heights refer to MAST table.  
Size h<sub>4</sub> does not include a load backrest. When a backrest is fitted add + 680 mm.

3) Recommended fork dimensions

\* Forklifts in accordance with BDS EN 1726-2

\* Size h<sub>4</sub> 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.

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

