

RECORD 2SR

SPECIFICATION VDI 2198

		BALKANCAR RECORD				
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type	DV 1794.33.220SR DV 1798.33.240SR DV 1794.33.320SR ¹⁾ DV 1798.33.340 SR ¹⁾			
	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 ₃	Lift height	mm	3000, 4000, 5000
	10		h ₂	Free lift	mm	60 ²⁾
	11		h ₅	Extended free lift	mm	- ²⁾
	12	Fork carriage	According to DIN 15137			4 A
	13	Fork dimensions	s/e/l	Thickness/width/length	mm	60x130x1150 ³⁾
	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, most lowered	mm	2595, 2945, 3195
	18		h ₄	Height, most 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	Wa	Outer turning radius	mm	2750 3000
22	Load distance	X	Front axle center to fork face	mm	610 635	
23	Aisle width	Ast ₄	For pallets 800x1200 For pallets 1000x1200	mm	4630 4880 4830 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 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 D2011L04W / DEUTZ TD2009L04 / KUBOTA V3300 ¹⁾	
	45		Engine performance to DIN 70020		kW	47,5 / 50 / 53,7 ¹⁾
	46		Rated speed to DIN70020		min ⁻¹	2600 / 3000 / 2800 ¹⁾
	47		Number of cylinders/displacement		cm ³	4/3619 / 4/2300 / 4/3300 ¹⁾
	48		Fuel consumption		l/h	4 (diesel)
	49	Transmission	Type, speeds (forward/backward)		Hydrodynamic Hydrodynamic 6860.6 S3, 1/1 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 h₄ 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

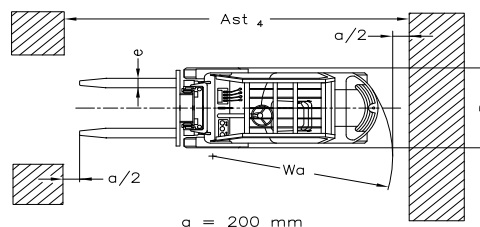
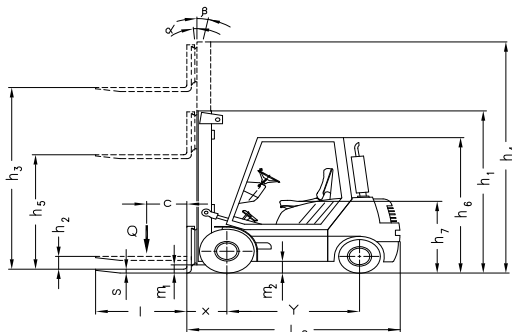
* Size h₄ does not include a load backrest. When a backrest is fitted add + 680 mm.

* 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.



a = 200 mm