

RECORD 3S

SPECIFICATION VDI 2198

		BALKANCAR RECORD						
Characteristics	1	Manufacturer						
	2	Type			DV1992.33.271S DV1992.33.245S ²⁾ DV1992.33.371S ¹⁾	DV1994.33.271S DV1994.33.245S ²⁾ DV1994.33.371S ¹⁾	DV1996.33.271S DV1996.33.241S ²⁾ DV1996.33.371S ¹⁾	
	3	Load capacity	Q	kg	6000	7000	8000	
	4	Load center	C	Load center to fork face	mm	600		
	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	3300, 4000, 4500		
	10		h ₂	Free lift	mm	120	120	0
	11		h ₅	Extended free lift	mm	-		
	12	Fork carriage		According to DIN 15137		4A		
	13	Fork dimensions	s/e/l	Thickness/width/length	mm	60 x 130 x 1150 ³⁾		60x200x1200 ³⁾
	14	Tilt angle	α/β	Forward/backward	(°)	5°±1° / 10°±1°		
	15	Overall dimensions	L ₂	Length	mm	3450	3575	
	16		B	Width	mm	2350		
	17		h ₁	Height, mast lowered	mm	2677, 3027, 3277		
	18		h ₄	Height, mast extended	mm	4377, 5077, 5577		
	19		h ₆	Height of overhead guard	mm	2420		
	20		h ₇	Height of seat	mm	1400		
	21		Turning radius	W _a	Outer radius	mm	4100	4250
	22	Load distance	X	Front axle center to fork face	mm	615	640	
23	Aisle width	Ast ₄	For pallets 800x1200	mm	4750	4850		
			For pallets 1000x1200	mm	4950	5050		
Performance	24	Speed		Travel with load/without load	km/h	I – 10, II – 20		
	25			Lifting with load/without load	m/s	0,3 / 0,4		
	26			Lowering with load/without load	m/s	0,3 / 0,4		
	27	Rated drawbar pull		With load	kN	I – 40, II – 28		
28	Climbing ability		With load/without load	%	I – 28/32			
Weight	29	Weight		Including battery acc. to ISO 5053 – 87	kg	9230	10130	11030
	30	Axle load		With load front/rear	kg	13560/1670	15360/1770	16620/2410
	31			Without load front/rear	kg	2600/6630	3600/6530	4500/6530
Chassis	32	Tyres		Number, front/rear		4 / 2		
	33			Size, front		8,25-15		
	34			Size, rear		8,15-15		
	35	Wheelbase	Y		mm	2250	2350	
	36	Track width		Front/rear	mm	1800/1400		
	37	Ground clearance	m ₁	Lowest point with load	mm	200		
	38		m ₂	Center of wheelbase with load	mm	245		
	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	12/135		
	43			Weight	kg	37		
	44	Internal combustion engine		Manufacturer, type		DEUTZ BF 04 M 2012 / DEUTZ TD2011L04W/ KUBOTA V3600T ¹⁾		
	45			Engine performance to DIN 70020	kW	70/65 / 62 ¹⁾		
	46			Rated speed to DIN70020	min ⁻¹	2200 / 2600 / 2600 ¹⁾		
	47			Number of cylinders/displacement	cm ³	4/4038 / 4/3619 / 4/3300 ¹⁾		
	48		Fuel consumption	l/h	5 (diesel)			
	49	Transmission		Type, speeds (forward/backward)		Hydrodynamic PST2, 2/2		
	50	Clutch coupling		Type		Hydro transformer		
51	Working pressure		For attachments	MPa	14			
52	Noise level		Average value at operator' ear	dB(A)	85			

- 1) Reference data for forklift trucks with KUBOTA V3600T engines.
 - 2) Indication of forklift trucks with DEUTZ BF 04 M 2012 engine and 6870.4 S3 transmission.
 - 3) Recommended fork dimensions.
- * Forklifts in accordance with BDS EN 1726-1.
- * 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.

