

# RECORD 3S

# SPECIFICATION VDI 2198

		BALKANCAR RECORD						
Characteristics	1	Manufacturer						
	2	Type			DV1992.33.745S DV1992.33.741S <sup>1)</sup>	DV1994.33.745S DV1994.33.741S <sup>1)</sup>	DV1996.33.741S <sup>1)</sup>	
	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 <sub>3</sub>	Lift height	mm	3300, 4000, 4500		
	10		h <sub>2</sub>	Free lift	mm	120	0	
	11		h <sub>5</sub>	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 <sup>2)</sup>		60x200x1200 <sup>2)</sup>
	14	Tilt angle	α/β	Forward/backward	(°)	5°±1° / 10°±1°		
	15	Overall dimensions	L <sub>2</sub>	Length	mm	3450	3575	
	16		B	Width	mm	2350		
	17		h <sub>1</sub>	Height, mast lowered	mm	2677, 3027, 3277		
	18		h <sub>4</sub>	Height, mast extended	mm	4377, 5077, 5577		
	19		h <sub>6</sub>	Height of overhead guard	mm	2420		
	20		h <sub>7</sub>	Height of seat	mm	1400		
	21		Turning radius	Wa	Outer radius	mm	4100	4250
22	Load distance	X	Front axle center to fork face	mm	615	640		
23	Aisle width	Ast <sub>4</sub>	For pallets 800x1200 For pallets 1000x1200	mm	4750 4950	4850 5050		
Performance	24	Speed		Travel with load/without load	km/h	18 / 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 – 28, II – 40		
28	Climbing ability		With load/without load	%	22 / 25			
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 <sub>1</sub>	Lowest point with load	mm	200		
	38		m <sub>2</sub>	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	41		
	44	Internal combustion engine		Manufacturer, type		D243-C		
	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	5 (diesel)		
	49		Transmission		Type, speeds (forward/backward)		Hydrodynamic 6870.4 S3, 2/1	
	50	Clutch coupling		Type		Hydro transformer		
51	Working pressure		For attachments	MPa	14			
52	Noise level		Average value at operator <sup>7</sup> ear	dB(A)	85			

1) Forklifts with drive axle "DANA".

2) Recommended fork dimensions.

\* Forklifts in accordance with BDS EN 1726-1.

\* 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.

