

RECORD 2S			SPECIFICATION VDI 2198					
Characteristics	1	Manufacturer	BALKANCAR RECORD					
	2	Type		DV1798.33.159S GV3798.33.159S ¹⁾	DV1798.40.159S GV3798.40.159S ¹⁾	DV1798.45.159S GV3798.45.159S ¹⁾		
	3	Load capacity	Q	kg	5000	5000	5000	
	4	Load center	C	Load center to fork face	mm	500		
	5	Drive unit	Battery/diesel/LPG				Diesel/LPG	
	6	Type of operation	Pedestrian/Rider seated/Stand-on				Rider seated	
	7	Tyres	L – pneumatic; SE – superelastic, front/rear				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	96		
	11		h_5	Extended free lift	mm	60		
	12	Fork carriage	According to DIN 15137, class/type				4 A	
	13	Fork dimensions	s/e/l	Thickness/width/length	mm	60 x 130 x 1150 ²⁾		
	14	Tilt angle	α/β	Forward/backward	(°)	5°±1°/12°±1°		
	15	Overall dimensions	L_2	Length	mm	3200		
	16		B	Width	mm	1725 max		
	17		h_1	Height, mast lowered	mm	2460	2818	3068
	18		h_4	Height, mast extended	mm	4090	4790	5 290
	19		h_6	Height of overhead guard	mm	2210		
	20		h_7	Height of seat	mm	1150		
	21	Turning radius	W_a	Outer turning radius	mm	2950		
22	Load distance	X	Front axle center to fork face	mm	555			
23	Aisle width	Ast_4	For pallets 800x1200	mm	4750			
			For pallets 1000x1200	mm	4950			
Performance	Speed		Travel with load/without load	km/h	I – 10; II – 20			
			Lifting with load/without load	m/s	0,3/0,4			
			Lowering with load/without load	m/s	0,5 / 0,35			
	27	Rated drawbar pull		With load	kN	I – 28; II – 19		
28	Climbing ability		With load/without load	%	I – 28; II – 12			
Weight	29	Weight	Including battery acc. to ISO 5053 – 87		kg	6 780	6 880	6 950
	30	Axle load		With load, front/rear	kg	10820 / 960	10920 / 960	10990 / 960
				Without load, front/rear	kg	3200 / 3580	3300 / 3580	3370 / 3580
Chassis	32	Tyres		Number, front/rear		4 / 2		
				Size, front		8,15-15		
				Size, rear		6,50-10		
	35	Wheelbase	Y		mm	2060		
	36	Track width		Front/rear	mm	1240/965		
	37	Ground clearance	m_1	Beneath mast with load	mm	140		
			m_2	Center of wheelbase with load	mm	218		
	39	Service brake		Mech./hydr./pneum./combined		Hydraulic		
	40	Parking brake		Hand/foot		Hand		
	Drive	41	Battery		Type		Panzer	
				Voltage/rated capacity (5h)	V/Ah	12/135		
				Weight	kg	41		
44		Internal combustion engine		Manufacturer, type (diesel/LPG)		VAMO D3900K/G3900K		
				Engine performance to DIN 70020	kW	52 (diesel)/48 (LPG)		
				Rated speed to DIN70020	min ⁻¹	2250		
				Number of cylinders/displacement	cm ³	4/3860		
				Fuel consumption	l/h	4 (diesel)/6,5 (LPG)		
				Type, speeds (forward/backward)		Hydrodynamic 6870.2-01, 2/1		
49		Transmission		Type, speeds (forward/backward)		Hydro transformer		
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) Other combinations of engine and transmission are optional.

2) Recommended fork dimensions

* Forklifts in accordance with BDS EN 1726-2

