

RECORD 2S			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			ДБ 1792.30.723S	ДБ 1794.30.724S
	3	Load capacity	Q	kg	3500	4000
	4	Load center	C	mm	500	
	5	Drive unit	Battery / diesel / LPG			
	6	Type of operation	Pedestrian / rider seated / stand-on			
	7	Tyres	L – pneumatic; SE – superelastic			
	8	Wheels (x–driven)	Number, front/rear			
Dimensions	9	Lift	$h_3$	Lift height	mm	3000 <sup>1)</sup>
	10		$h_2$	Free lift	mm	95 <sup>1)</sup>
	11		$h_5$	Extended free lift	mm	– <sup>1)</sup>
	12	Fork carriage	According to DIN 15137			
	13	Fork dimensions	s/e/l	Thickness / width / length	mm	45x120x1150 <sup>2)</sup>
	14	Tilt angle	$\alpha/\beta$	Forward / backward	(°)	5°±1°/12°±1°
	15	Overall dimensions	$L_2$	Length	mm	2850
	16		B	Width	mm	1200
	17		$h_1$	Height, mast lowered	mm	2100 <sup>1)</sup>
	18		$h_4$	Height, mast extended	mm	3585 <sup>1)</sup>
	19		$h_6$	Height of overhead guard	mm	2220
	20		$h_7$	Height of seat	mm	1120
	21	Turning radius	Wa	Outer radius	mm	2500
	22	Load distance	X	Front axle center to fork face	mm	498
	23	Aisle width	Ast <sub>4</sub>	For pallets 800x1200 For pallets 1000x1200	mm	3990 4190
Performance	24	Speed		Travel with load/without load	km/h	20 / 20
	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	16
Weight	28	Climbing ability		With load/without load	%	22 / 24
	29	Weight		Including battery acc. to ISO 5053–87	kg	5120
	30	Axle load		With load front/rear	kg	7720 / 900
	31			Without load front/rear	kg	2200 / 2920
Chassis	32	Tyres		Number, front/rear		2 / 2
	33			Size, front		8,15-15
	34			Size, rear		6,50-10
	35	Wheelbase	Y	mm	1810	1880
	36	Track width		Front/rear	mm	991 / 961
	37	Ground clearance	$m_1$	Lowest point with load	mm	120
	38		$m_2$	Center of wheelbase with load	mm	170
	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 (diesel/LPG)		Д243-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	3,8 (diesel )
	49	Transmission		Type, speeds (forward/backward)		Hydrodynamic – 6860.8 S3, 1/1
	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) For other lift heights refer to MAST table.

Size  $h_4$  does not include a load backrest. When a backrest is fitted add + 680 mm.

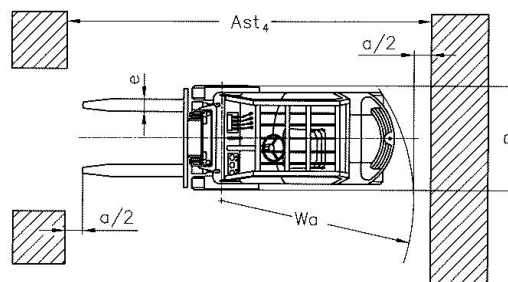
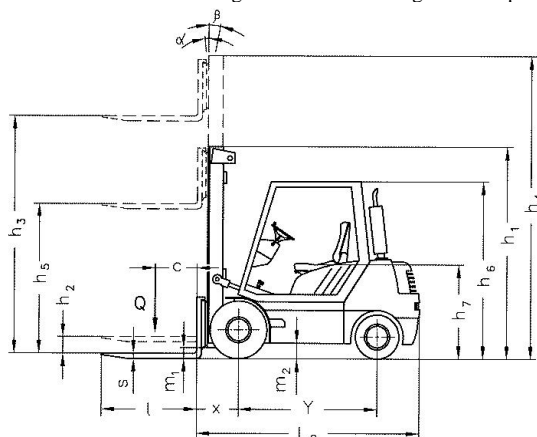
2) Recommended fork dimensions

\* Forklifts in accordance with BDS EN 1726-1

\* 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.



## MAST

TYPE	LIFT HEIGHT $h_3$	HEIGHT, MAST LOWERED $h_1$	HEIGHT, MAST EXTENDED $h_4$	FREE LIFT $h_2/h_5$
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### SIMPLEX – 3,0/3,5/4,0 t FORKLIFT

(Two masts, Free lift)

30 S	3000	2100	3585	95
40 S	4000	2590	4545	95
45 S	4500	2840	5045	95

### DUPLEX – 3,5 / 4,0 t FORKLIFT

(Two masts, Extended free lift)

30 D	3000	2100	3630	1500
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### TRIPLEX – 3,5 / 4,0 t FORKLIFT

(Three masts, Extended free lift)

42 T	4200	2100	4920	1400
45 T	4500	2240	5240	1500
48 T	4800	2340	5540	1600
52 T	5200	2490	5970	1740
56 T	5600	2590	6320	1850
64 T	6400	2840	7100	2130