

| RECORD 3S | | | SPECIFICATION VDI 2198 | | | | | |
|-----------------|------------------|----------------------------|--------------------------------|---|--|--|--|---------------------------|
| Characteristics | 1 | Manufacturer | | BALKANCAR RECORD | | | | |
| | 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 | Wa | 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 For pallets 1000x1200 | mm | 4750 4950 | | 4850 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.

