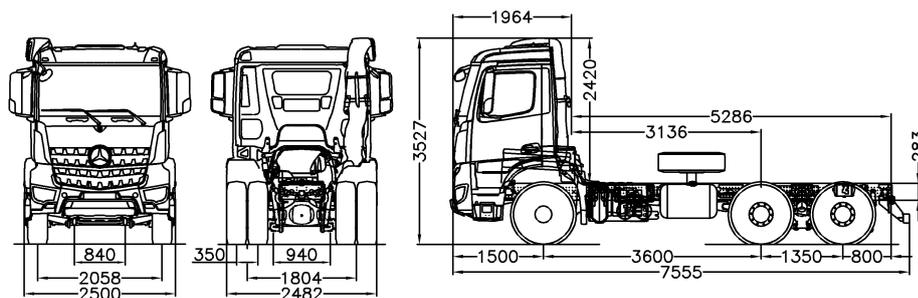


Arocs

3342 K 6x4 BM 964216

Tippers Grounder



General information

Vehicle identification number (VIN)	NMB96421612192400
Model variant + Code	964216 W5W F1A M3A M5M C1R V1Z V1B V2I M5B
Production date	29.06.2018
Creation date	20.07.2018
Cab version	S-cab ClassicSpace, 2.30 m, tunnel 170 mm
Wheelbase	Wheelbase 3600 mm
Rear overhang	Frame overhang 800 mm

Dimensions [mm]

	Laden	Unladen
Frame height at front	1.016	1.107
Frame height at rear	1.022	1.081
Total height incl. air intake	3.527	
Ground clearance at front	322	
Ground clearance at rear	312	
Turning circle [m]	19	
Maximum body length with recommended clearance with even load**	6.948	
Maximum body length at recommended clearance with max. vehicle overhang	6.808	
Recommended clearance	50	

** Theoretical value, not taking account of statutory requirements and other technical specifications.

Engine

Engine: M3A	Engine OM471, 6-cyl. in-line, 12.8 l, 310 kW (421 hp), 2100 Nm
Emissions standard: M5M	Engine version Euro VI, with OBD-C

Power transmission	
Clutch	Single-disc clutch
Transmission	Transmission G 230-12/11.7-0.78
Final drive ratio	Axle ratio i = 4.833

Chassis			
Front springs		Front springs, 8.0 t, 3-leaf	
Rear springs		Leaf suspension, rear axle	
	Axles	Tyres	Wheel rims
Front axle	Front axle 8.0 t	kataloge:kbv_code_F18K26 31	15-degree tapered rims 9.00 x 22.5
Rear axle	Rear axle, crown wheel 300, planetary, 13.4 t	kataloge:kbv_code_F18K28 41	15-degree tapered rims 9.00 x 22.5
Rear axle 2	Rear axle, crown wheel 300, planetary, 13.4 t	kataloge:kbv_code_F18K28 41	15-degree tapered rims 9.00 x 22.5

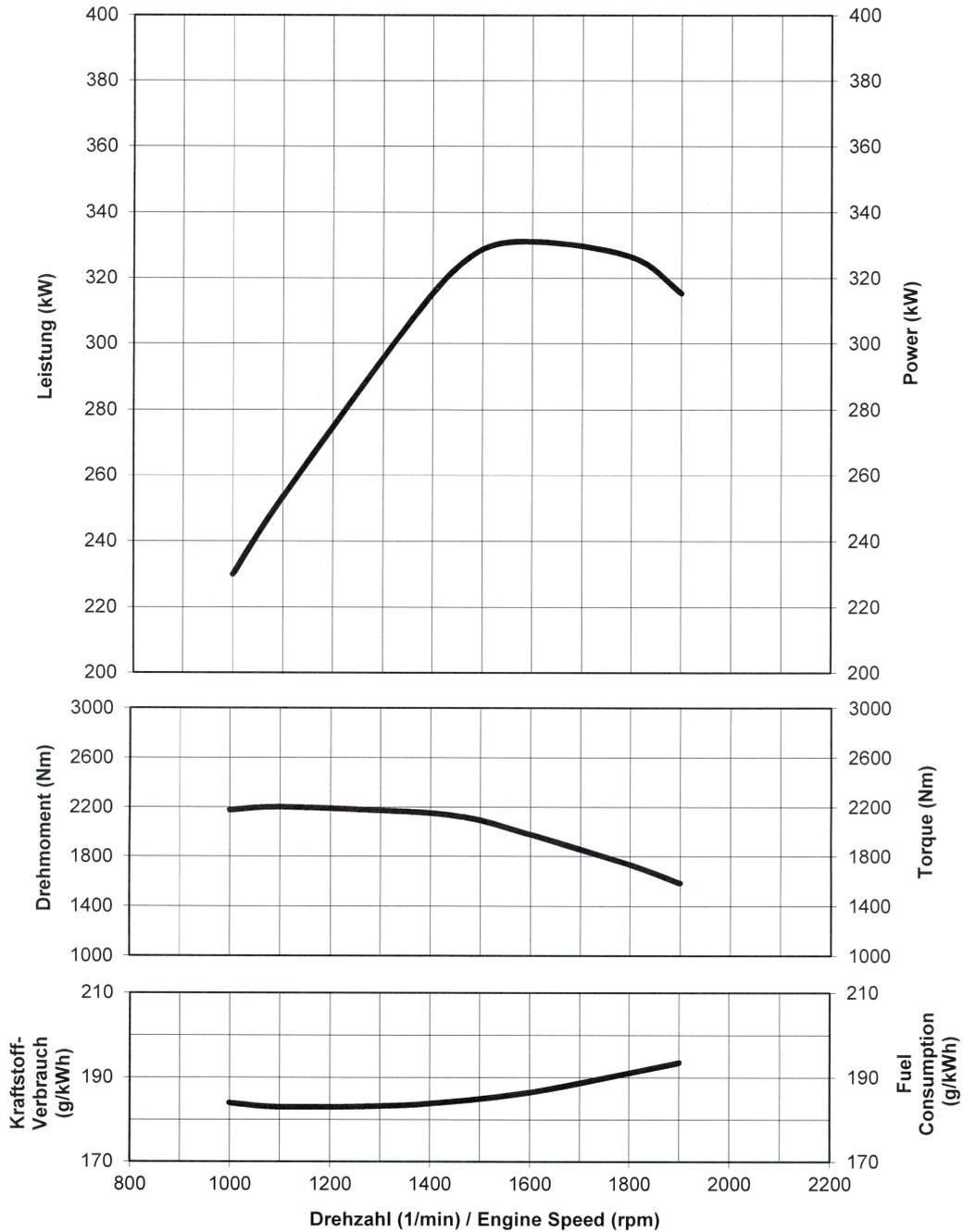
Equipment	
Brakes	Disc brakes on front and rear axle
Braking system	Electronic braking system with ABS and ASR
Engine brake	Exhaust brake, standard system
Battery	Batteries 2 x 12 V/170 Ah, low-maintenance
Battery carrier	Battery carrier, batteries side by side
Main fuel tank	Tank, 290 l, left, 650 x 565 x 950 mm, steel
AdBlue tank	AdBlue tank, 60 l, left
Steering	Steering, single-circuit
Frame	High-strength with continuous U-section side members with constant web height, hole pattern 50x50 mm, frame track at rear 744 mm

Weights [kg]					
	1st axle	2nd axle	3rd axle	4th axle	Total
Technically permissible weights	7.500	13.000	13.000	-	33.000
Kerb weight**	5.054	1.791	1.791	-	8.636
Payload/fifth-wheel load	2.446	11.209	11.209	-	24.364
Gross combination weight	-	-	-	-	40.000
Body and payload centre of gravity ahead of rearmost axle [from - to]	1.016 - 1.104				

** Ready-to-drive condition as specified by European Directive 97/27/EC

Notes

Subject to change without notice. All the information in this data sheet should be viewed as indicative. The illustrations may show accessories and items of special equipment which are not part of standard specification. This data sheet may also contain models and services which are not available in certain countries. Information given regarding statutory regulations, legal requirements and taxation and the consequences thereof applies to the Federal Republic of Germany only. Please consult your Mercedes-Benz commercial vehicle dealer for final details.



P_{max} 330 kW bei 1600/min, 595/2009/EG
 Md_{max} 2200 Nm bei 1100/min, $Md_{\bar{u}}$ = 12%

P_{max} 330 kW at 1600 rpm, 595/2009/EC
 L_{max} 2200 Nm at 1100 rpm, L_i = 12%

Stationäre Vollastkurven

Stationary full load curves

Leistung, Drehmoment
 OM 471, Euro VI, FE1

Power, Torque
 OM 471, Euro VI, FE1

100 07 072



Mercedes-Benz

Alphabetic code	
A1D	Front axle 8.0 t
A1Y	Front axle, straight design
A2G	Rear axle, crown wheel 300, planetary, 13.4 t
A6C	Axle ratio $i = 4.833$
B1B	Electronic braking system with ABS and ASR
B1D	Electronic air-processing unit, medium
B1F	Heating, electronic air-processing unit
B1Z	ABS, disengageable
B2A	Disc brakes on front and rear axle
B2E	Disc brakes with full protection
B4M	Air reservoir, steel
C0B	Frame overhang 800 mm
C1R	Wheelbase 3600 mm
C5P	Bolted frame
C6C	Steering, single-circuit
C6J	Power steering pump, uncontrolled
C6K	Standard steering column
C6Q	Stabiliser, front axle
C6Y	Stabiliser, under frame, rear axle
C7A	Rear underride guard (ECE)
C7J	Battery carrier, batteries side by side
C8T	Deletion, wings for chassis transit
C9S	Deletion, mounting parts, on frame
D0L	Smoker package
D0S	Compressed-air connection, in cab
D1B	Driver's suspension seat, standard
D1N	Fold-up co-driver's seat
D3X	Seat cover, flat-weave fabric
D5U	Floor surface, in TPO
D6F	Air conditioning system
D6Z	Construction-site filter
D8A	Roof hatch/vent, roof
E1B	Batteries 2 x 12 V/170 Ah, low-maintenance
E1N	Alternator 28 V/100 A
E3E	Additional socket, 12 V/15 A, co-driver footwell
E3L	Socket, 24 V/15 A, co-driver footwell
E3Y	PSM, body and trailer CAN, ISO 11992
E6Z	Reversing buzzer
F0G	Side module, N3G vehicle
F0Y	Mirror cover, construction vehicle
F1A	S-cab ClassicSpace, 2.30 m, tunnel 170 mm
F1P	S-cab
F2B	Floor variant, tunnel 170 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm set-up height
F2U	ClassicSpace
F3A	Cab mountings, standard, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic

F4I	Cab rear wall, with window
F5Y	A-pillar trim
F6C	Windscreen, tinted
F6I	Front mirror, heated
F7B	Bumper, with steel corners
F7D	Bumper centre section w. towing eyes, coupling jaw
F7Y	Cab entrance, left/right, movable
F8E	Locking system, with central locking
F9Y	Vehicle key, without transponder
G0R	Transmission support arms, optimised for removal
G0W	Drive program offroad
G2C	Transmission G 230-12/11.7-0.78
G5A	Single-disc clutch
G5G	Mercedes PowerShift 3
J1A	Instrument cluster, 10.4 cm
J1R	Tachograph, digital, EC, rpm, ADR
J1S	Tachograph manufacturer VDO
J2E	Radio with USB connector
J2I	Standard loudspeaker
K0T	Main tank, left
K3V	AdBlue tank, 60 l, left
K5A	Tank, 290 l, left, 650 x 565 x 950 mm, steel
K5M	Tanks, lockable
K5Q	Fuel screen, tank filler neck
K7D	Exhaust system, tailpipe to right and outwards
K7P	Exhaust system, bracket two-piece
L1B	Daytime driving lamps
M0C	Bottom shell to prevent swirling-up of dust
M0Z	Noise regulation acc. to UN-R 51.03, phase 1
M3A	Engine OM471, 6-cyl. in-line, 12.8 l, 310 kW (421 hp), 2100 Nm
M5B	2. Engine generation OM471
M5M	Engine version Euro VI, with OBD-C
M5U	Exhaust brake, standard system
M6L	Air compressor, 2-cylinder
M7I	Insect screen in front of cooling system
M7J	Guard plate, bumper
M8B	Air intake behind cab, mounted
M8L	Cyclone pre-filter for coarse dust
M8Y	Fuel pre-filter, chassis-mounted, additional
N2E	PTO MB 131-2c, pump
N6Z	Transmission oil cooling
O0A	Coolant service interval, long for non-SWR
O1A	Fuel pre-filter, 1st position
O1N	Detachable parts for offline cab
O1T	Interior colour greige/anthracite
O1Z	Steering, indirect

P0Q	Cover, for wheel arch and engine
P0W	Cover, for major assemblies
P9Y	Deletion free space,ctrl panels, next to drvr seat
Q1N	Front springs, 8.0 t, 3-leaf
Q3D	Rear spring, 2 x 16.0 t
R1Q	15-degree tapered rims 9.00 x 22.5
R8F	Spare-wheel carrier, provisional
R8P	Spare wheel/spare wheel rim
R9Y	Deletion, wheel nut cap
S5A	Speed limiter, 90 km/h (56 mph), ECE
S5Q	Speed limiter, 10 km/h
S5Z	Cruise control
S8A	First aid kit
S8C	Hazard warning triangle
S8H	Fire extinguisher, 6 kg
U0Q	Control code, HDEP Fuel Efficiency Package - FE 1
U1S	Control code, electric horn
U1W	Internal control code, 2015-1
U2I	Control code EBS, 4th generation
U2P	New cooling module, 2nd generation
V0T	Vehicle class N3G, off-road vehicle
V0V	Overhang angle, rear, minimum 25 degrees
V0W	Breakover angle, minimum 25 degrees
V0X	Ground clearance under front axle, minimum 250 mm
V0Y	Ground clearance under rear axle, minimum 250 mm
V0Z	Ground clearance between axles, minimum 300 mm
V1B	Arocs
V1Z	Grounder
V2I	Arocs model generation 1
V8A	Chassis number FIN
W5W	Weight variant 33.0 t (7.5/13.0/13.0)
X1L	Instrument/labels/documentation, Turkish
X2A	Model identification, acc. to weight variant
X2J	Type plate, Turkey
X2T	Digital Service Booklet
X3V	Warranty as per Terms and Conditions, 2 years
Y4A	Telescopic jack, 12 t/19 t
Y4Y	Tyre inflating hose
Y4Z	Compressed-air gun, with hose
Z1H	EBS, Wabco
Z1I	E-APU, Knorr
Z1X	EAPU equipment, item 1
Z3A	Switch module 1, type A
Z3D	Switch module 2, type B
Z3F	Switch module 7

Z3H	Side marker lights, 1st pair
Z3J	Side marker lights, 3rd pair
Z3L	Single SAM instead of SAM Cabin and SAM Chassis
Z3Z	Export code
Z4L	Industrialisation specification - MBTürk
Z4O	Tank cross-section, narrow
Z4Q	Tank cross-section, low
Z5E	OM 471
Z5G	Fan position, on crankshaft
Z5I	Fan ratio, 1:1.0
Z5M	PTO, single
Z5P	Clutch supplier F&S
Z5S	Power take-off, pump, under top edge of frame
Z5V	Starter with M10, HDEP
Z5X	Left-hand drive
Z5Y	Vehicle, for right-side traffic
Z7J	Aluminium battery lines