

Mercedes-Benz Arocs 5 3342 A 6x6 BMEX205a

Model:	Mercedes-Benz Arocs 5	Engine power:	310 kW (421 PS)
Vehicle type:	3342 A	Wheelbase:	4800 mm
Drivetrain:	6x6	Gross vehicle weight:	33000 kg
Baumuster:	96401812	Steering type:	left
Vehicle type:	All-wheel chassis		
Driver cabin:	S-cab		

Equipmentlist

Paint

Cab:	MB 1218 zinc yellow
------	---------------------

Equipment

National Version

* >>>>	Basetype
--------	----------

Chassis version

V1B	Arocs
V1Z	Grounder
V2J	Arocs model generation 5
C2R	Wheelbase 4800 mm

Axle load distribution

W5W	Weight variant 33.0 t (7.5/13.0/13.0)
-----	---------------------------------------

Engine

M3J	Eng. OM460, inline 6, 12.8 l, 310kW (421hp), 2100 Nm
Z5L	OM 460
M5W	Engine version, Euro III
M8B	Air intake behind cab, mounted
M7V	Cooling output for very hot regions
M7I	Insect screen in front of cooling system
M5U	Exhaust brake, standard system
M6L	Air compressor, 2-cylinder
M0A	Engine mounts, reinforced

Clutch & transmission

G5A	Single-disc clutch
G2D	Transmission G 280-16/11.7-0.69
N6Z	Transmission oil cooling
G0R	Transmission support arms, optimised for removal
G4E	Transfer case VG 3000-3W, 1.04, engageable
G4Z	Oil cooler, for transfer case
G5G	Mercedes PowerShift 3
G0W	Drive program offroad
N1T	PTO MB 125-10b, flange, low speed
Z5M	PTO, single
Z5T	PTO, with 4 shafts

Axles & suspension

A1Y	Front axle, straight version
A1C	Front axle 7.5 t

A1W	Differential lock, front axle
A2G	Rear axle, crown wheel 300, planetary, 13.4 t
A6C	Axle ratio $i = 4.833$
Q1M	Front spring, 7.5 t, 3-leaf
Q3A	Rear spring, 2 x 13.0 t
C6Q	Stabiliser, front axle
C6W	Stabiliser, reinforced, 2nd rear axle

Wheels & tyres

R1Q	15-degree tapered rims, 9.00 x 22.5
R8F	Spare wheel carrier, provisional
R8P	Spare wheel/spare wheel rim
1.A.	308G29 10 2x 13 R 22,5 Highway cross country Continental HDC1 ED (Land)
2.A.	308G29 10 4x 13 R 22,5 Highway cross country Continental HDC1 ED (Land)
3.A.	308G29 10 4x 13 R 22,5 Highway cross country Continental HDC1 ED (Land)
	308G29 10 1x 13 R 22,5 Highway cross country Continental HDC1 ED (Land)

Frame and components attached to frame

C5I	Mounting parts, for platform
C0Z	Frame overhang 1950 mm
C6C	Steering, single-circuit
CLW	Steering oil cooling
C6J	Power steering pump, uncontrolled
C7J	Battery carrier, batteries side by side
K0T	Main tank, left
K5A	Tank, 290 l, left, 650 x 565 x 950 mm, steel
Z4O	Tank cross-section, narrow
Z4Q	Tank cross-section, low
K7D	Exhaust system, tailpipe to right and outwards
C8F	Wing, for chassis transit
F7B	Bumper, with steel corners
F7D	Bumper centre section w. towing eyes, coupling jaw
M7J	Guard plate, bumper
C7A	Rear underride guard (ECE)
Q8M	End crossmember lower, reinforced

Brake system

B2B	Drum brakes on front and rear axle
B1B	Electronic braking system with ABS and ASR
B1Z	ABS, disengageable
B1H	Electr. compressed air supply and control, centre
B4M	Air reservoir, steel
B2X	Parking brake, electronic

Cab exterior

F1P	S-cab
F1S	S-cab ClassicSpace, 2.30 m, tunnel 320 mm
F2C	Floor variant, tunnel 320 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm attachment height

F2U	ClassicSpace
F4H	Cab rear wall, without window
F3A	Cab mountings, standard, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic
F6C	Windscreen, tinted
D8A	Roof hatch/vent, roof
F7Y	Cab entrance, left/right, movable
F0Y	Mirror cover, construction vehicle
F6I	Front mirror, heated
F5Y	A-pillar trim
F0G	Side module, N3G vehicle
F8B	2 remote control keys
F8E	Locking system, with central locking

Cab interior

D1B	Driver's suspension seat, standard
D1N	Fold-up co-driver's seat
D3X	Seat cover, flat-weave fabric
J1A	Instrument cluster, 10.4 cm
J1K	Tachograph, 1 day + 2 drivers, modular
E6Z	Reversing buzzer
J6A	Classic Cockpit
J2I	Standard loudspeaker
E3L	Socket, 24 V/15 A, co-driver footwell
D6Z	Construction-site filter
D6F	Air conditioning system
D0S	Compressed-air connection, in cab

Electrics / electronics

E1B	Batteries 2 x 12 V/170 Ah, low-maintenance
E1M	Alternator, 28 V/150 A
E3W	PSM, 2nd generation
L4Z	Protective grille, metal, for headlamps
L1H	Fog lamps, halogen
S5A	Speed limiter, 90 km/h (56 mph), ECE
S5Z	Cruise control

Additional scopes

M0C	Bottom shell to prevent swirling-up of dust
M0Z	Noise regulation acc. to UN-R 51.03, phase 1
S8A	First aid kit
S8C	Hazard warning triangle
S8D	Warning lamp
S8E	Reflective safety jacket
Y4A	Telescopic jack, 12 t/19 t
Y4Z	Compressed-air gun, with hose
V0T	Vehicle class N3G, off-road vehicle
V8A	Chassis number FIN
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
X2I	Model plate, export

X1J	Instrument/labels/documentation, Arabic
X4K	Literature in English, additional
Y6A	Country-specific version
Z5X	Left-hand drive
Z5Y	Vehicle, for right-side traffic

Technical data

Dimensions and weights

Type	
Execution	A
Drivetrain	6x6
Wheelbase	4800 mm

Body length	
With max. frame overhang	0 mm
Min. centre of gravity – last axle	./ mm
Max. centre of gravity – last axle	./ mm

Weights	
1. Front axle (empty)	5567 kg
2. Front axle (empty)	- kg
1. Rear axle (empty)	2311 kg
2. Rear axle (empty)	2311 kg
kerb weight (incl. SA)	10189 kg
Payload	22811 kg
Gross vehicle weight	33000 kg

Gearbox	
Code	G2D
Short text	Transmission G 280-16/11.7-0.69

Gross combination weight	Trailer operation not permitted for this vehicle. kg
--------------------------	--

Dimensions	
Frame height – FA – laden	1187 mm
Frame height – FA – unladen	1268 mm
Frame height – RA – laden	1193 mm

Frame height – RA – unladen	1265 mm
-----------------------------	---------

Engine	M3J
Displacement cm ³	12816
Engine output kW / PS	310 / 422
Power/engine torque in NM at 1240 rpm	2100

Tyres	
1st Axle:	2x 13 R 22,5
2nd Axle:	4x 13 R 22,5
3rd Axle:	4x 13 R 22,5
Spare wheel:	1x 13 R 22,5

Kerb weights with driver, Tools, Underride protection (front/rear), spare wheel, 90% of tankful

Technical Data

Technical illustration

