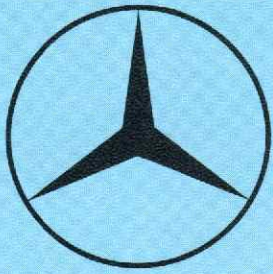


Mercedes-Benz



Technical data

1419

Perm. GVW 14 tons
Perm. GCW 32 tons
Diesel engine
141 kW – 192 HP/DIN
with direct injection



Type 1419		with normal driver's cab	with normal driver's cab	with long driver's cab	with normal driver's cab	with long driver's cab	with normal driver's cab	with long driver's cab
Wheelbase	in./mm	141.7/3,600	164.4/4,200	164.4/4,200	189.0/4,800	189.0/4,800	204.7/5,200	204.7/5,200
Turning circle	ft./m	46.59/14.20	52.50/16.00	52.50/16.00	58.40/17.80	58.40/17.80	62.34/19.00	62.34/19.00

Weights in lbs./kg for chassis

Chassis with driver's cab, tools and spare tyre	11,155/ 5,060	11,288/ 5,120	11,729/ 5,320	11,442/ 5,190	11,883/ 5,390	11,530/ 5,230	11,971/ 5,430
Payload and body allowance	19,544/ 8,865	19,412/ 8,805	18,971/ 8,605	19,257/ 8,735	18,816/ 8,535	19,169/ 8,695	18,728/ 8,495
Front axle load	11,023/ 5,000	11,023/ 5,000	11,023/ 5,000	11,023/ 5,000	11,023/ 5,000	11,023/ 5,000	11,023/ 5,000
Rear axle load	20,282/ 9,200	20,282/ 9,200	20,282/ 9,200	20,282/ 9,200	20,282/ 9,200	20,282/ 9,200	20,282/ 9,200
Perm. GVW	30,865/14,000	30,865/14,000	30,865/14,000	30,865/14,000	30,865/14,000	30,865/14,000	30,865/14,000
Perm. GCW	70,548/32,000	70,548/32,000	70,548/32,000	70,548/32,000	70,548/32,000	70,548/32,000	70,548/32,000

Mercedes-Benz diesel engine

Type	Mercedes-Benz OM 401
No. of cylinders	6
Bore/stroke	125/130 mm, 4.92/5.12 in.
Displacement	9,570 ccm, 584 cu. in.
Output DIN ¹⁾	192 HP at 2,500 rpm, 141 kW at 2,500 rpm
Max. torque DIN	64 mkp at 1,300 rpm, 627 Nm at 1,300 rpm
Starter motor	6 HP/24 V
Three-phase generator	14 V/35 A

Chassis

Clutch	single-plate dry clutch
Gearbox	MB-synchromesh gearbox G 3/65-8/9,29
Axle reduction	5,261
Wheels	disc wheels, rim 7.5 x 22.5
Tyres	10 R 22.5
Fuel tank capacity	135 litres
Battery	2 x 12 V/88 Ah
Voltage of consumers	12 V

Max. speed

at max. engine speed	89 kmph/55.30 mph
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Max. gradient ability

At altitudes of up to 1,000 metres above sea level, in 1st gear with maximum torque and a perm. GVW of 14 tons	42%
Gradient ability with trailer with a perm. GCW of 32 tons	17%

Optional

Rear axle reduction	5,921 or 6,734
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¹⁾ The output stated in HP or kW (acc. to DIN 70 020) is effectively available at the clutch to drive the vehicle, as any other power consumption has already been deducted. The data specified in SI units (kW = kilowatt, Nm = Newtonmetre) have been converted and rounded off to the nearest unit.

Technical data acc. to DIN 70 020. Contents not binding; subject to modification.