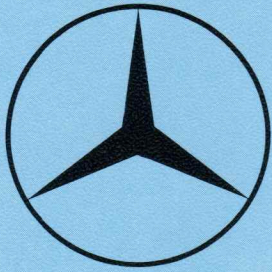


Mercedes-Benz



Technical data

1619

Perm. GVW 16 tons
Perm. GCW 32 tons
Diesel engine
141 kW – 192 HP/DIN
with direct injection



Type 1619		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	153.5/3,900	177.2/4,500	177.2/4,500	204.7/5,200	204.7/5,200	232.3/5,900	232.3/5,900
Turning circle	ft./m	51.18/15.60	57.42/17.50	57.42/17.50	64.64/19.70	64.64/19.70	71.85/21.90	71.85/21.90

Weights in lbs./kg for chassis

Chassis with driver's cab, tools and spare tyre	11,420/ 5,180	11,508/ 5,220	11,949/5,420	11,817/ 5,360	12,258/ 5,560	11,927/ 5,410	12,368/ 5,610
Playload and body allowance	23,689/10,745	23,600/10,705	23,159/10,505	23,292/10,565	22,851/10,365	23,182/10,515	22,741/10,315
Front axle load	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000
Rear axle load	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000
Perm. GVW	35,294/16,000	35,294/16,000	35,294/16,000	35,294/16,000	35,294/16,000	35,294/16,000	35,294/16,000
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 GP
Axle reduction	5,261
Wheels	disc wheels, rim 7.5 x 22.5
Tyres	11 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	91 kmph/56.55 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 16 tons	35%
Gradient ability with trailer with a perm. GCW of 32 tons	16%

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.