

# THE NEW MINI CLUBMAN ALL4.

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# THE NEW MINI CLUBMAN ALL4. PROFILE.



- Newly developed all-wheel drive system for the latest MINI generation introduced for MINI Cooper S Clubman and MINI Cooper SD Clubman
- Premiere of new generation of ALL4 all-wheel drive system with electrohydraulic regulation, optimised weight and increased efficiency
- First ALL4 model to be built at MINI Plant Oxford
- Available April priced from £24,305 OTR

MINI is today launching the all new MINI Clubman ALL4 – the brand's first all-wheel drive model in the C-segment. This launch marks the MINI brand's further advance into the premium compact segment and represents the first ALL4 model to be built at MINI Plant Oxford.

MINI's ALL4 all-wheel drive system, which has previously only been offered on MINI Countryman models, has been specially redeveloped to ensure sportier handling and improved versatility to further enhance the everyday practicality of the new MINI Clubman.

MINI Clubman was launched in October 2015 and is notable as MINI's first vehicle in the competitive C-segment. Now, the brand is offering something new to the market in the form of Clubman ALL4. Available with two of the latest MINI engines, the MINI Cooper S Clubman ALL4 and the MINI Cooper SD Clubman ALL4.

The 2.0-litre 4-cylinder petrol engine with MINI TwinPower Turbo Technology is the latest example of MINI's engine technology. Offering 192 hp, the new MINI Cooper S Clubman ALL4 is combined with a 6-speed manual transmission as standard, and optionally with an 8-speed Steptronic transmission. It achieves fuel consumption of 40.9 mpg with the manual transmission (44.8mpg for automatic transmission) and has CO2 emissions of 159g/km (146g/km).

The new MINI Cooper SD Clubman ALL4 features a 190 hp diesel engine with 400 NM of torque which is paired with the brand's capable 8-speed Steptronic transmission as standard. Fuel consumption on the combined cycle is 58.9mpg with CO2 emissions of 126g/km.

The new MINI Clubman ALL4 includes an exceptionally high specification, with the brand's highly acclaimed Navigation System standard on all models. Furthermore, every MINI Clubman ALL4 also benefits from the MINI Excitement Package as standard, which features a projection of the brand logo on to the ground beneath the driver's side door mirror when the car is opened and closed, as well as extended interior lighting.

Production of MINI Clubman ALL4 has started at MINI Plant Oxford, with first deliveries at MINI retailers nationwide in April.

Model	HP	Trans	CO2	OTR
MINI Cooper S Clubman ALL4	192	Man	159	£24,305
MINI Cooper SD Clubman ALL4	190	Auto	146	£25,985
			126	£27,410

- **MINI Cooper S Clubman ALL4:** 4-cylinder petrol engine with MINI TwinPower Turbo Technology (turbo charging, direct injection, fully variable valve control, variable camshaft control),  
capacity: 1998 cc, output: 141 kW/192 hp at 5 000 rpm,  
max. torque: 280 Nm at 1 250 rpm (300 Nm with overboost),  
acceleration (0–62mph): 7.0 seconds (automatic: 6.9 seconds),  
top speed: 142mph (142mph),  
average fuel consumption\*: 40.9mpg (44.8mpg),  
CO<sub>2</sub> emissions\*: 159 g/km (146 g/km), exhaust emission standard: EU6.

**MINI Cooper SD Clubman ALL4:** 4-cylinder diesel engine with MINI TwinPower Turbo Technology (turbocharger with variable turbine geometry, common rail direct injection),  
capacity: 1995 cc, output: 140 kW/190 hp at 4 000 rpm,  
max. torque: 400 Nm at 1 750 – 2 500 rpm,  
acceleration (0–62mph): 7.2 seconds,  
top speed: 138mph,  
average fuel consumption\*: 58.9mpg,  
CO<sub>2</sub> emissions\*: 126 g/km, exhaust emission standard: EU6.

\* EU test cycle figures, fuel consumption dependent on the selected tyre format.

Exterior dimensions:

Length: 4 253 millimetres

Width: 1 800 millimetres

Height: 1 441 millimetres

Wheelbase: 2 670 millimetres

### **The new all-wheel drive system ALL4: fast and precise, compact and efficient.**

The electronically controlled all-wheel drive system distributes drive torque between the front and rear axles depending on specific road conditions. This enables faster acceleration and increases agility when taking bends at speed. ALL4 also ensures utmost traction and optimised driving stability in all weather and road conditions.

The latest version of the ALL4 all-wheel drive system has been designed to be compact and light-weight, therefore increasing efficiency. This means there is only a slight increase in fuel consumption and exhaust emissions compared to the respective front-wheel drive models.

The drive power delivered by the engine via the manual or Steptronic transmission in the form of engine speed and torque is fed to the front axle differential. An integrated single-stage power take-off bevel gear diverts the power and relays it to a propeller shaft leading to the rear axle. Power transmission to the rear axle differential is continuously managed via a hang-on clutch.

If necessary, the hang-on clutch can relay torque to the rear wheels within a fraction of a second by means of an electrohydraulic pump. Fast and precise reactive changes to road conditions are possible because the all-wheel drive system is connected to the Driving Dynamics System (DSC) which continuously calculates the ideal power distribution between the front and rear wheels.

Not only are the wheel rotation speeds and the current longitudinal and lateral acceleration figures taken into account, but so is the road speed, accelerator position, engine torque and steering angle as well as the Driving Dynamics System (DSC) settings and the optional MINI Driving Modes. Based on this data, MINI Clubman ALL4 calculates the risk of wheel slip and can then anticipate and counteract any loss of traction, oversteer or understeer of the vehicle.

Taking the form of an electronic locking function for the front axle differential, the standard Electronic Differential Lock Control (EDLC) improves traction when accelerating out of bends by means of selective braking. In DSC Off mode, this prevents spinning of the front wheel on the inside of the bend and transmits drive power to the outer front wheel instead. The Performance Control function is another standard feature that helps enhance agility in the MINI Cooper S Clubman ALL4 and the MINI Cooper SD Clubman ALL4 and works regardless of the DSC mode selected.

Other functions of the driving dynamics system DSC include the anti-lock brake system (ABS), Electronic Brakeforce Distribution (EBD), Cornering Brake Control (CBD), the braking and drive-off assistant, the brake dry function and Fading Brake Support. DTC (Dynamic Traction Control) can also be activated when the vehicle is setting off in loose sand or deep snow.

## Petrol and diesel engines with MINI TwinPower Turbo Technology: a lot of power efficiently distributed over four wheels.

The latest generation 4-cylinder engines featuring MINI TwinPower Turbo Technology are responsible for distributing the power between the front and rear axle.

Featuring a peak output of 192 hp, the 2.0-litre petrol engine in the new MINI Cooper S Clubman ALL4 is the most powerful engine in the range.

With the standard 6-speed manual transmission, the new MINI Cooper S Clubman ALL4 accelerates in 7.0 seconds from standing to 62mph, while in conjunction with the optional 8-speed Steptronic transmission the standard spurt takes just 6.9 seconds. The top speed is 142mph in each case.

These figures are combined with an average fuel consumption of 40.9mpg (automatic: 44.8mpg) and CO<sub>2</sub> emissions of 159 (146) grams per kilometre (EU test cycle figures, dependent on tyre format selected).

A turbocharging system with variable turbine geometry and common rail direct injection operates at a pressure of up to 2,000 bar inside the 2.0-litre diesel MINI Cooper SD Clubman ALL4 engine. The new MINI Cooper SD Clubman ALL4 combines the most powerful diesel engine ever installed in a MINI with the brand's 8-speed Steptronic transmission as standard, achieving superb pulling power as well as exemplary fuel consumption figures and emissions.

This enables the MINI Cooper SD Clubman ALL4 to sprint from standing to 62mph in just 7.2 seconds. The top speed is 138mph. These figures are combined with an average fuel consumption of 58.9mpg and CO<sub>2</sub> emissions of 126 grams per kilometre (EU test cycle figures, dependent on tyre format selected).

## **Innovative transmissions for performance and efficiency.**

The standard 6-speed manual transmission is characterised by low effort and short shift distances. A 'rev matching' function built into the manual transmission ensures jerk-free clutch engagement, thereby enhancing comfort when shifting down a gear.

The optional 6-speed Steptronic sport transmission combines excellent efficiency with smooth yet fast gear changes. In manual mode it's possible to change gear using shift paddles at the steering wheel. Furthermore, in conjunction with the MINI Navigation System the transmission is able to take account of the route profile in automatically controlling gearshifts.

## **A complete set of safety features, innovative driver assistance systems, intelligent connectivity.**

In addition to the torsionally stiff, rigid and light-weight body structure, a complete set of standard safety features also contributes to the outstanding occupant protection of the new MINI Clubman ALL4. This extensive protection comprises of six airbags, 3-point automatic belts on all seats including belt tensioners and adaptive belt force limiters at the front, as well as ISOFIX child seat mountings at the rear. A tyre pressure display for each individual wheel is also included as standard. Meanwhile, impact absorbers and precisely defined deformation zones ensure optimised pedestrian protection.

Optional driver assistance systems offered on the new MINI Clubman ALL4 serve to increase both safety and comfort. The MINI Head-Up Display which extends from above the steering column enables the driver to focus their concentration on the road. In addition to the cruise control with brake function, the Driving Assistant system is also available, featuring camera-based active cruise control and collision and pedestrian warning with brake function, high beam headlight assistant and road sign detection. Additional options include the Parking Assistant and rear view camera.

**Make Clubman Yours: High standard specification and options for every taste including atmospheric lighting, electrically adjustable seats and much more.**

With the MINI Yours Interior Styles option, the door trim design is highlighted via illuminated decorative strips. These can be combined with interior trim finishers of various types and colours of the customer's choosing. The MINI Excitement Pack features LED interior and ambient lighting which illuminates the cabin with a choice of selectable colours as well as an external light display activated when unlocking and locking the car using the remote key. The MINI logo is projected onto the ground for 20 seconds from a light source housed in the exterior mirror on the driver's side.

Over 50% of MINI Clubman customers are expected to choose the Chili pack which adds a host of additional extras to the car. These features include cloth/leather upholstery with heated sports seats, MINI's comfort access system, park distance control, automatic air conditioning, LED headlights and LED fog lights among other features. Chili pack is priced at £2,785 across all models – a 30% customer saving on MINI Cooper Clubman compared with selecting the options individually.

Ends

**The BMW Group**

With its three brands BMW, MINI and Rolls-Royce, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. As a global company, the BMW Group operates 30 production and assembly facilities in 14 countries and has a global sales network in more than 140 countries.

In 2015, the BMW Group sold approximately 2.247 million cars and nearly 137,000 motorcycles worldwide. The profit before tax for the financial year 2014 was approximately € 8.71 billion on revenues amounting to € 80.40 billion. As of 31 December 2014, the BMW Group had a workforce of 116,324 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout

the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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For further details on official consumption figures, official specific CO<sub>2</sub> emissions and power consumption of new cars, please refer to the "Manual on fuel consumption, CO<sub>2</sub> emissions and power consumption of new cars" available free of charge at all sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <http://www.dat.de/angebote/verlagsprodukte/leitfaden-kraftstoffverbrauch.html>.

# TECHNICAL SPECIFICATIONS.

## MINI COOPER S CLUBMAN ALL4,

## MINI COOPER S CLUBMAN ALL4 AUTOMATIC.



Body	MINI Cooper S Clubman ALL4		MINI Cooper S Clubman ALL4
Number of doors/seats		5 / 5	5 / 5
Length/width/height (empty)	mm	4253 / 1800 / 1441	4253 / 1800 / 1441
Wheelbase	mm	2670	2670
Track width, front/rear	mm	1560 / 1561	1560 / 1561
Turning circle	m	11.3	11.3
Fuel tank capacity	approx. l	48	48
Engine oil	l	5.25	5.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1450 / 1525	1460 / 1535
Payload according to DIN	kg	530	530
Permitted gross vehicle weight	kg	2030	2055
Permitted axle loads, front/rear	kg	1055 / 1050	1070 / 1010
Permitted trailer load braked (12 %) / unbraked	kg	1500 / 750	1500 / 750
Permitted roof load/permited download	kg	75 / 75	75 / 75
Luggage compartment capacity	l	360 - 1250	360 - 1250
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / $m^2$ / $m^2$	0.34 / 2.22 / 0.75	0.34 / 2.22 / 0.75
Engine			
Type/no. of cylinders/valves	in-line / 4 / 4		
Engine control	MEVD 17.2.3		
Capacity	cc	1998	1998
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	11.0	11.0
Fuel	RON	91-98	91-98
Output	kW / hp	141 / 192	141 / 192
at engine speed	rpm	5000	5000
Torque (with overboost)	Nm	280 (300)	280 (300)
at engine speed	rpm	1250	1250
Electrical system			
Battery/installation	Ah / -	80 / engine compartment	80 / engine compartment
Alternator	A	150	150
Suspension			
Front wheel suspension	Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control		
Rear wheel suspension	Multilink axle with weight-optimised trailing arms		
Brakes, front	disc, vented		
Rear brakes	disc		
Driving stability systems	Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control; DSC control unit interconnected with all-wheel drive system MINI ALL4, handbrake acts electrically on the rear wheels		
Steering	Electrically assisted EPS unit with Servotronic function		
Overall steering ratio	:1	14.2	14.2
Tyres	225/45 R17 94W XL		
Rims	7.5J x 17 light alloy		
Transmission			
Transmission type	6-speed manual transmission		
Gear ratio	I	3.923	5.250
	II	2.136	3.029
	III	1.276	1.950
	IV	0.921	1.457
	V	0.756	1.221
	VI	0.628	1.000
	VII	-	0.809
	VIII	-	0.673
Reverse gear	:1	3.538	4.015
Final drive ratio	:1	3.588	3.200
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	10.3	10.4
Power output per litre	kW/l	70.6	70.6
Acceleration 0-62 mph	s	7.0	6.9
Top speed	mph	142	142

<b>Fuel consumption in EU cycle<sup>3)</sup></b>			
Urban	mpg	2)	2)
Extra-urban	mpg	2)	2)
Combined Total	mpg	40.9	44.8
CO <sub>2</sub>	g/km	159	146
<b>Other</b>			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	2)	2)
Ground clearance (empty)	mm	141	141

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

<sup>1)</sup> Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage

<sup>2)</sup> Details not yet available

<sup>3)</sup> Dependent on tyre format selected

# MINI COOPER SD CLUBMAN ALL4 AUTOMATIC.

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Body			MINI Cooper SD Clubman ALL4 Automatic
Number of doors/seats			5 / 5
Length/width/height (empty)	mm		4253 / 1800 / 1441
Wheelbase	mm		2670
Track width, front/rear	mm		1560 / 1561
Turning circle	m		11.3
Fuel tank capacity	approx. l		48
Engine oil	l		5.0
Transmission oil incl. drivetrain	l		lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg		1465 / 1540
Payload according to DIN	kg		530
Permitted gross vehicle weight	kg		2055
Permitted axle loads, front/rear	kg		1070 / 1010
Permitted trailer load braked (12 %) / unbraked	kg		1500 / 750
Permitted roof load/permited download	kg		75 / 75
Luggage compartment capacity	l		360 - 1250
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>		0.33 / 2.22 / 0.73
Engine			
Type/no. of cylinders/valves			in-line / 4 / 4
Engine control			DDE 7.01
Capacity	cc		1995
Bore/stroke	mm		84.0 / 90.0
Compression	:1		16.5
Fuel	RON		Diesel
Output	kW / hp		140 / 190
at engine speed	rpm		4000
Torque	Nm		400
at engine speed	rpm		1750 - 2500
Electrical system			
Battery/installation	Ah / -		80 / engine compartment
Alternator	A		150
Suspension			
Front wheel suspension			Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control
Rear wheel suspension			Multilink axle with weight-optimised trailing arms
Brakes, front			disc, vented
Rear brakes			disc
Driving stability systems	Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC) and Performance Control; DSC control unit interconnected with all-wheel drive system MINI ALL4, handbrake acts electrically on the rear wheels		
Steering			Electrically assisted EPS unit with Servotronic function
Overall steering ratio	:1		14.2
Tyres			225/45 R17 94W XL
Rims			7.5J x 17 light alloy
Transmission			
Transmission type			8-speed Steptronic transmission
Gear ratio	I	:1	5.250
	II	:1	3.029
	III	:1	1.950
	IV	:1	1.457
	V	:1	1.221
	VI	:1	1.000
	VII	:1	0.809
	VIII	:1	0.673
Reverse gear	:1		4.015
Final drive ratio	:1		2.839
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW		10.5
Power output per litre	kW/l		70.2
Acceleration 0-62 mph	s		7.2
Top speed	mph		138

<b>Fuel consumption in EU cycle<sup>3</sup></b>		
Urban	mpg	<sup>2)</sup>
Extra-urban	mpg	
Combined Total	mpg	58.9
CO <sub>2</sub>	g/km	126
<b>Other</b>		
Emission rating		EU6
Insurance rating	3rd party/fully	<sup>2)</sup>
Ground clearance (empty)	mm	141

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

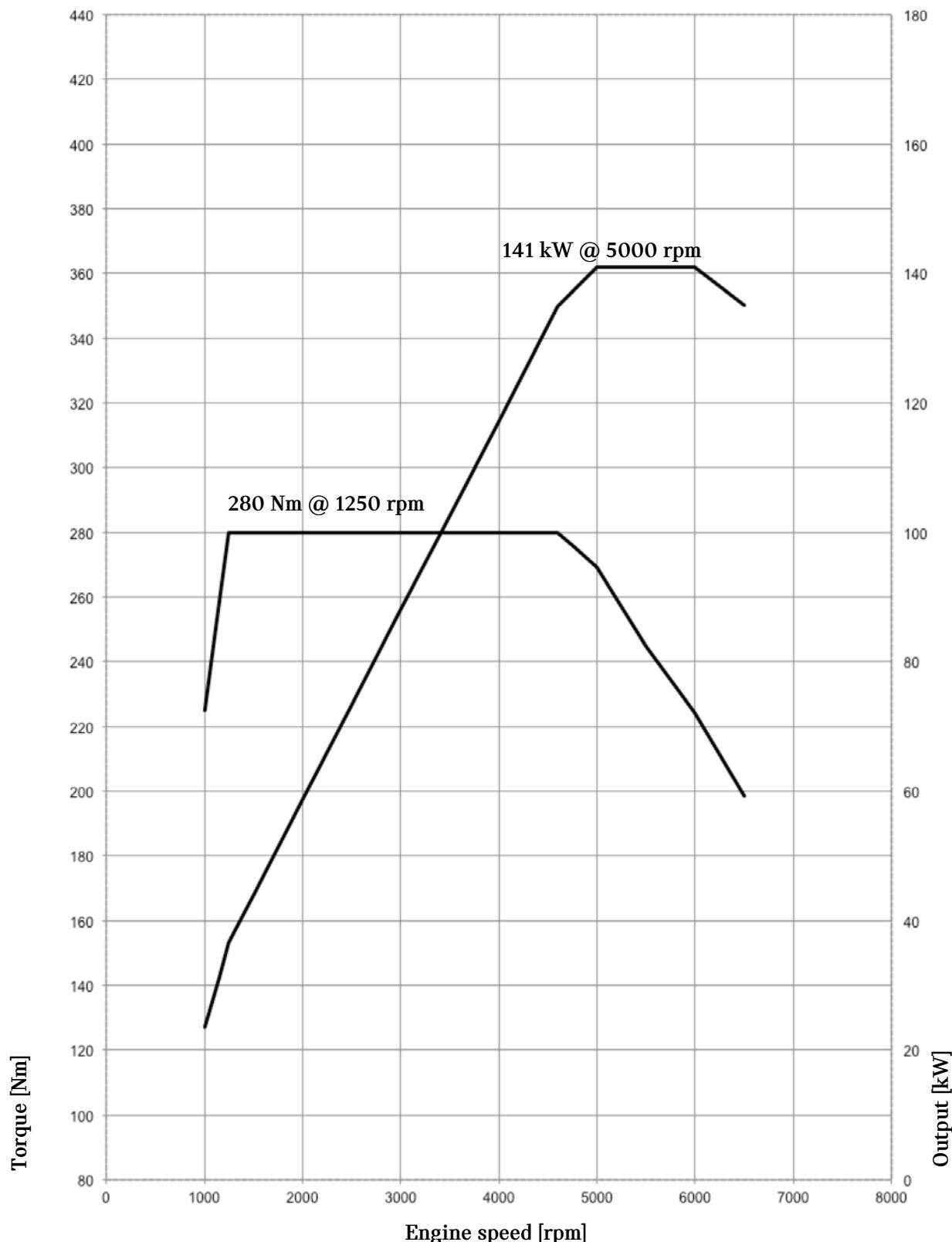
<sup>1)</sup> Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage

<sup>2)</sup> Details not yet available

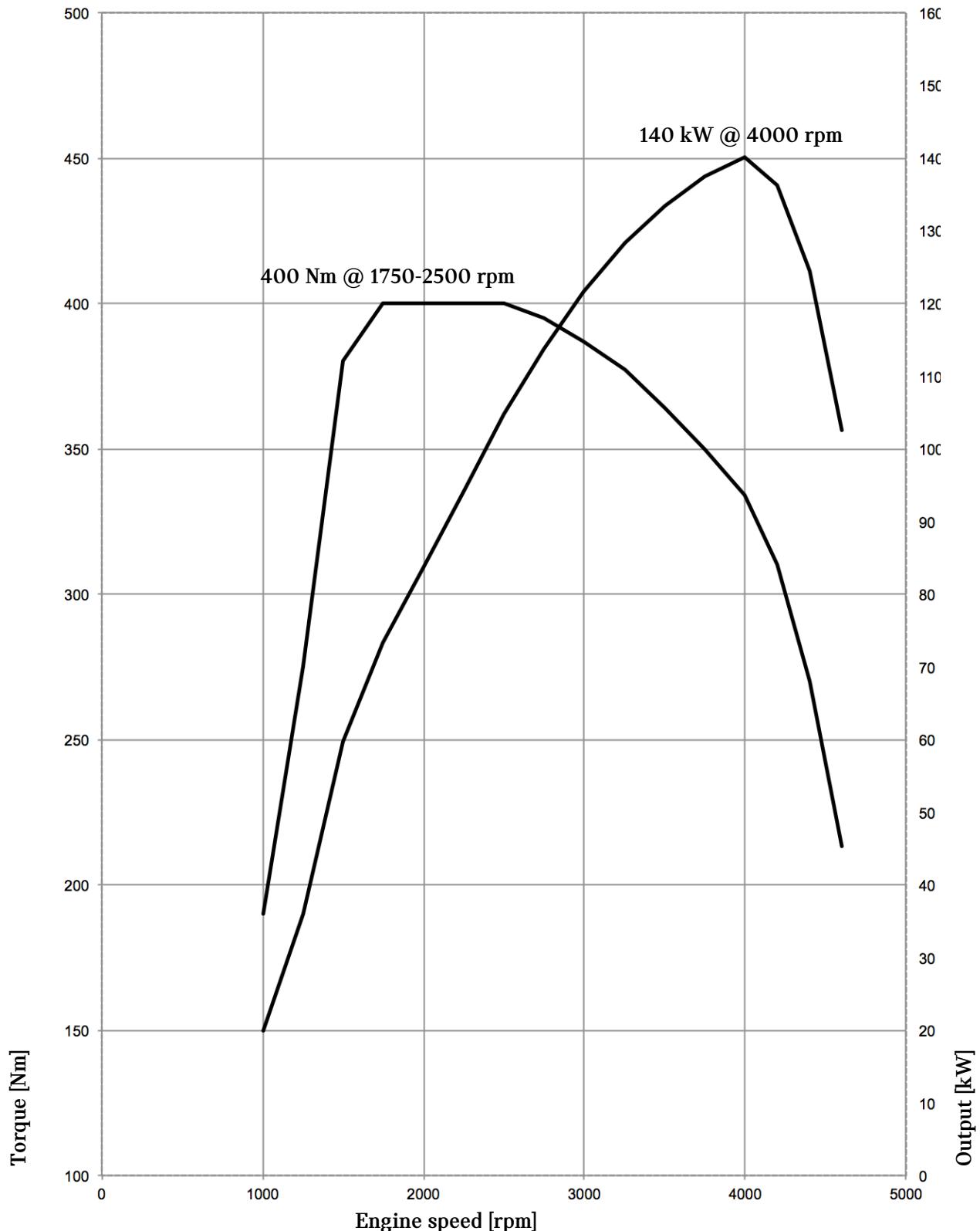
<sup>3)</sup> Dependent on tyre format selected

# PERFORMANCE AND TORQUE DIAGRAMS.

MINI Cooper S Clubman ALL4.



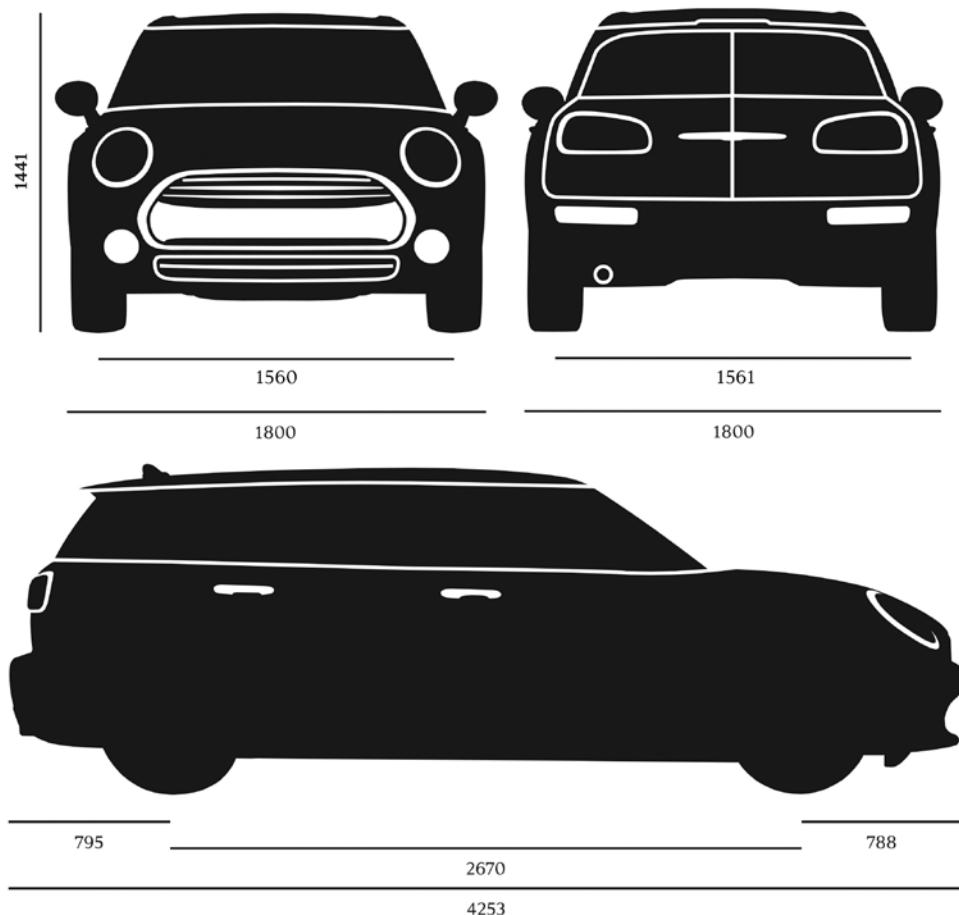
**MINI Cooper SD Clubman ALL4.**



## EXTERIOR DIMENSIONS.

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Dimensions in mm.