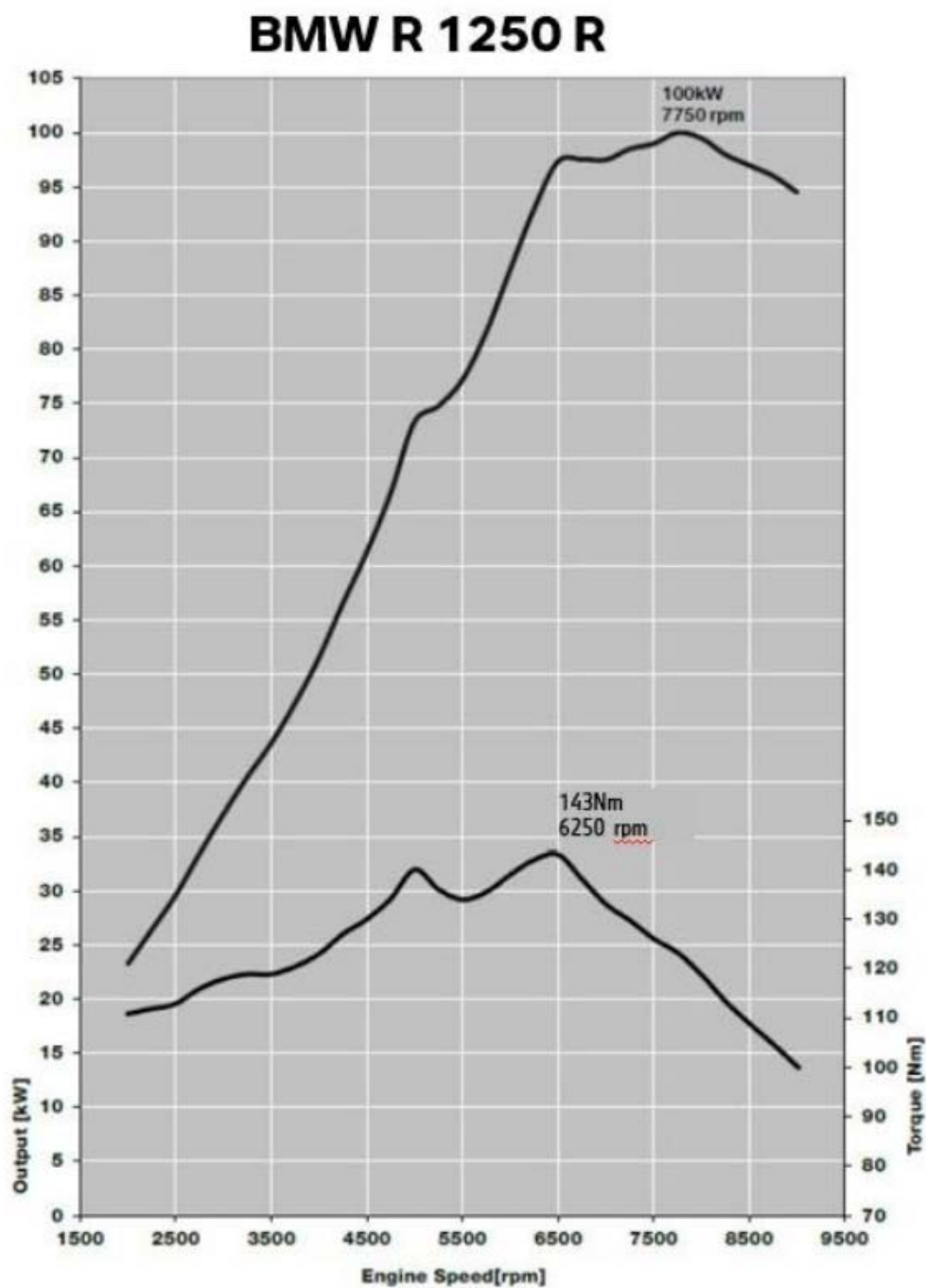


Puissance et couple moteur.



Données techniques.

R 1250 R		
Engine		
Capacity	cc	1,254.
Bore/stroke	mm	102.5 x 76
Output	kW/hp	100/136
at engine speed	rpm	7,750
Torque	Nm	143
at engine speed	rpm	6, 250
Type	Air/liquid-cooled 2-cylinder 4-stroke boxer engine with two overhead, spur gear driven camshafts , a counterbalance shaft and variable intake camshaft control system BMW ShiftCam	
Compression		12.5:1
Fuel		Premium unleaded 95 RON
Valves per cylinder		4
Ø intake/outlet	mm	40/34
Ø Throttle valve	mm	52
Engine control		BMS-O
Emission control	Closed-loop three-way catalytic converter, exhaust standard EU-5	
Electrical system		
Generator	W	508
Battery	V/Ah	12/12
Headlight		Full LED with LED daytime run
Rear light		LED brake light/rear light
Starter	W	900
Power transmission		
Clutch	Wet clutch with anti-hopping function, hydraulically activated	
Transmission	Constant mesh 6-speed gearbox with helical gearing system	
Primary ratio		1.650
Gear transmission ratios	I	2.438
	II	1.714
	III	1.296
	IV	1.059
	V	0.943
	VI	0.848
Secondary drive		Shaft drive
Secondary ratio		2.818

Suspension/chassis

Frame construction type	Two-section frame concept consisting of main frame with bolt-on rear frame, load-bearing engine	
Front wheel control	BMW Motorrad upside-down fork	
Rear wheel suspension	Cast aluminium single-sided swing arm with BMW Motorrad Paralever, WAD travel-dependent spring strut, continuously adjustable spring preload by means of hand wheel, rebound-stage damping adjustable by hand wheel (Option: Dynamic ESA Next Generation)	
Spring travel, front/rear	mm	140/140
Wheel castor	mm	125.6
Wheelbase	mm	1,515
Steering head angle	°	62.3
Brakes	front	Twin disc brake, floating brake discs, Ø 320 mm, 4-piston radial brake calipers
	rear	Single disc brake, Ø 276 mm, 2-piston floating caliper
ABS	BMW Motorrad Integral ABS Pro as standard (part integral, disengageable)	
Wheels	Die-cast aluminium wheels	
	front	3.50 x 17"
	rear	5.50 x 17"
Tyres	front	120/70 ZR 17
	rear	180/55 ZR 17

Dimensions and weights

Total length	mm	2,165
Total width including mirrors	mm	880
Seat height	mm	820 (760 to 840 possible)

DIN unladen weight, road ready	kg	239
Permitted total weight	kg	460
Fuel tank capacity	l	18

Performance figures

Fuel consumption (WMTC)	l/100 km	4.75
CO ₂	g/km	110
Acceleration 0-100 km/h	s	3.4
Top speed	km/h	>200