

Specifications. BMW G 450 X.

BMW G 450 X			
Engine	Water-cooled, sinle-cylinder 4-stroke, four valves, dry sump lubrication		
Capacity	cm ³	449,5	
Bore/stroke	mm	98/59,6	
Rated output	kW/bhp	ECE 30/40,8	Open = US-version 38/51,7
at engine speed	min ⁻¹	7 000	9000
Torque	Nm	42,8	44
at engine speed	min ⁻¹	6500	7800
Compression ratio/fuel	12 : 1/ premium unleaded (RON 95)		
Valve/gas control	DOHC (double overhead camshaft)		
Carburetion	Electronic intake pipe injection / Keihin digital engine management		
Emission control	Closed-loop 3-way catalytic converter		
Electrical system			
Alternator	W	280	
Battery	V/Ah	12/7, maintenance free	
Power transmission/gearbox			
Clutch	Multiple-disc clutch in oil bath, primary clutch sits directly on the crankshaft, mechanically operated		
Gearbox	Constant mesh 5-speed gearbox integrated into crankcase		
Rear-wheel drive	O-ring chain		
Chassis			
Frame type	Bridge-type frame made of stainless steel tubing		
Wheel control, front	Marzocchi USD-front fork, stanchion diameter 45 mm		
Wheel control, rear	Cast aluminium dual swing arm		
Suspension	Öhlins rear suspension		
Suspension travel, front/rear	mm	300/320	
Castor	mm	118,8	
Wheelbase	mm	1475	
Steering head angle	°	61,8	
Single disc front/diameter	mm	Double-piston floating caliper / 260	
Single disc rear/diameter	mm	Single-piston floating caliper / 220	
Wheels	Wire spoke		
	front	1,60 x 21	
	rear	2,15 x 18	
Tyres	front	90/90-21	
	rear	140/80-18	
Dimensions and weight			
Total length	mm	2200	
Total width incl. mirrors	mm	806	
Total height not incl. with mirrors	mm	1475	
Seat height	mm	955	
Dry weight/DIN unladen weight	kg	111/121	
Maximum authorised weight	kg	280	
Fuel tank capacity	l	ECE 8	US-Version 7
Performance / fuel consumption			
Fuel consumption 90 km/h	l/100 km	4,5	
Fuel consumption 120 km/h	l/100 km	6,6	
Maximum speed	km/h	Ca. 145	