Specifications. BMW C 600 Sport. BMW C 650 GT.

		BMW C 600 Sport	BMW C 650 GT
Engine			
Capacity	CC	647	
Bore/stroke	mm	79/66	
Output	kW/bhp	44/60	
at engine Speed	rpm	7 500	
Torque	Nm	66	
at engine Speed	rpm	6 000	
Туре		Water cooled straight two-cylinder engine	
Compression/fuel		11,6:1/ premium unleaded (95 RON)	
Valve actuation		DOHC (double overhead camshaft),	
		bucket tappets	
Valves per cylinder	mm	4	
Ø intake/outlet	mm	31,5/27,1	
Throttle valve diameter	mm	38	
Carburation		Electronic manifold injection, BMS-E	
Emission control		Fully controlled three-way catalytic converter	
Electrical System			
Alternator	W	588	
Battery	V/Ah	12/12	
Headlight		Low-/high beam: Halogen12V/55W	
Rear light		Brake-/rear light: LED	LED-rear light, brake light: 2x 12V/21W
Starter	kW	0,6	
Power transmission - gearbox		Contributed at the	
Clutch		Centrifugal clutch	
Gearbox		CVT (continuosly variable transmission)	
Primary ratio		1,06	
Rear wheel drive		Chain in oil bath	
Transmission ratio		2,688	
Chassis			
Frame construction type		Aluminum bridge frame	
		with aluminium rear frame bolted on	
Suspension, front		Upside-down telescopic fork	
Suspension, rear		Cast single swingarm	
Spring travel, front/rear	mm	115/115	
Wheel castor	mm	92	
Wheelbase	mm	1 591	
Steering head angle	0	64,6	
Brakes	front	Hydraulically actuated double disc brake,	
		Ø 270 mm, double piston floating calliper	
	rear	Hydraulically actuated single disc brake,	
100		Ø 270 mm, double piston floating calliper	
ABS		BMW Motorrad ABS (standard)	
Wheels		Cast aluminium wheels	
	front	3,50 x 15"	
	rear	4,50 x 15"	
Tyres	front	120/70 R15	
	rear	160/60 R15	
Dimensions and weights			
Total length	mm	2 155	2 218
Total width	mm	877/790	916/822
Seat height (without rider)	mm	810 (standard)	780 (standard)
DIN unladen weight, ready for road	kg	249	261
Permitted total weight	kg	445	445
Fuel tank capacity		16	
Performance figures			
Fuel consumption 90 km/h	l/100 km	A A	
90 km/n 100 km/h		4,4	
100 km/h 120 km/h	I/100 km	4,8	
	I/100 km	5,6	
Acceleration 0-100 km/h		7.4	7.5
	S I con /lo	7,1	7,5
Max. speed	km/h	175	

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Specifications. BMW C evolution.

k\M/hn	11/1
	35/47.5
rpm	4,650
Nm	72
rpm	0 to approx. 4,500
Drivetra	in swingarm with liquid-cooled electric motor; permanent magnet synchronous moto with surface magnets max. torque 9,200 rpn
	Air-cooled lithium-ion high-votage battery with auxiliary coole
kwh	8 (3 modules, 12 cells each with 60 Ah
V	133
kwh	3 (built-in charger
	At 220V / 12A charge current: approx. 4h for 100%; 2:45 h for 80% At 220V / 16A charge current: approx. 3h for 100%; 2:15h for 80%
V/Ah	12/8
	DC-DC transformer integrated into the charger, 475
**	High/low beam: 12V/55W, halogen; LED daytime running light/sideligh
	LED brake/rear ligh
Hvl	orid chassis with load-bearing battery casing made from diecast aluminium, bolted-or
	steering head support and rear frame made from steel tubing 1:8.28
	1.0.20
	T
	Tubular steel frame, load-bearing moto
	Upside-down telescopic fork, Ø 40 mn
	Single-sided swing arm with directly controlled spring strut spring preload manually adjustable in 7 stages
mm	120/11
mm	95
mm	1,594
	65.9
front	Hydraulically actuated double-disc brake, Ø 270 mm twin-piston floating callipe
rear	Hydraulically actuated single-disc brake, Ø 270 mm single-piston floating callipe
	BMW Motorrad ABS as standard Cast aluminiun
front	3.50 x 15
	4.50 x 15
front	120/70 R15
rear	160/60 R15
mm	
mm	
mm	
kg	445
km/h	
5	
	Automatic recuperation when coasting and braking
	simulated drag torque ("motor braking")
	Nm rpm Drivetrai kwh V kwh V/Ah W Hyt front rear front rear front rear front rear mm mm mm mm kg kg

Specifications. BMW G 650 GS. BMW G 650 GS Sertão

Engine		BMW G 650 GS	BMW G 650 GS Sertão
Capacity	CC	652	
Bore/stroke	mm	100/83	
Output	kW/bhp	35/48	
it engine Speed	rpm	6 500	
orque	Nm	60	
t engine Speed	rpm	5 000	
уре	Τριτι	Water cooled single-cylinder engine	
Compression/fuel		11,5:1/ regular unleaded (91 RON)	
Dompression/ruei		DOHC (double overhead camshaft),	
/alve actuation		bucket tappets	
/alves per cylinder		bucket tappets 4	
Ø intake/outlet		36/31	
Intake/outlet Throttle valve diameter	mm		
nrottie valve diameter	mm	43	
Carburation		Electronic manifold injection,	
		engine management BMS-C II	
Emission Control		Fully controlled three-way catalytic converter	
Instringt Custom			
Electrical System	3.4.7	100	
Alternator	W	400	
Battery	V/Ah	12/12	
Headlight		High-/low beam: Halogen12V/55W	
Rear light		Brake light: 12V/21W, rear light: 12V/5W	
Starter	kW	0,9	
Power transmission - gearbox			
Clutch	Mι	ultidisc oil bath clutch, mechanically actuated	
Gearbox		Claw-shifted five-speed gearbox	
rimary ratio		1,946	
Gear transmission ratio	I	2,750	
	II	1,750	
	III	1,313	
	IV	1,045	
	V	0,875	
Rear wheel drive	V	Chain	
Transmission ratio		2,938	
Transmission ratio		2,330	
Chassis			
		And bridge from a city balk on from a city	
rame construction type		teel bridge frame with bolt-on framework tail	
Suspension, front		Telescopic forks with form stabiliser	
Suspension, rear		Boxed dual swing arm of steel sections,	
		central spring strut actuation via lever system	
Spring travel, front/rear	mm	170/165	210/21
Vheel castor	mm	113	12
Vheelbase	mm	1 477	1 48
Steering head angle	0	61,9	
Prokon	front	Hydraulically actuated single disc brake,	
Brakes	front	Ø 300 mm, floating two-calliper brake	
	****	Hydraulically actuated single disc brake,	
	rear	Ø 240 mm, floating single-calliper brake	
.DC	rear	Ø 240 mm, floating single-calliper brake	
BS	rear		
	rear	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable)	Wire snoke whee
		Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels	
	front	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19"	1,60 x 2
Vheels	front rear	Ø 240 mm, floating single-calliper brake BIMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17"	1,60 x 2 3,00 x 1
Vheels	front rear front	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19	1,60 x 2 3,00 x 1 90/90 R21 54
Vheels	front rear	Ø 240 mm, floating single-calliper brake BIMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17"	1,60 x 2 3,00 x 1 90/90 R21 54
vheels	front rear front	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19	1,60 x 2 3,00 x 1 90/90 R21 5 ²
yres Dimensions and weights	front rear front rear	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65
yres Dimensions and weights Total length	front rear front rear	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65
Viviels Figures Figures Figures Figure and weights Figure and	front rear front rear mm mm	Ø 240 mm, floating single-calliper brake BIMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65
Viveels Dimensions and weights Otal length Otal width with/without mirrors Geat height (without rider)	front rear front rear mm mm mm	Ø 240 mm, floating single-calliper brake BIMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750)	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road	front rear front rear mm mm mm kg	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Dermitted total weight	front rear front rear mm mm mm	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x 17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
yres Dimensions and weights Otal length Otal with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Dermitted total weight	front rear front rear mm mm mm kg	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Viveels Vives Vimensions and weights Total length Total width with/without mirrors Seat height (without rider) ViN unladen weight, ready for road Permitted total weight Tivel tank capacity	front rear front rear mm mm mm kg	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x 17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Viveels Vives Vimensions and weights Total length Total width with/without mirrors Seat height (without rider) VilN unladen weight, ready for road Vermitted total weight Tuel tank capacity Verformance figures	front rear front rear mm mm mm kg	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x 17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Viveels Vives Vimensions and weights Total length Total width with/without mirrors Seat height (without rider) VilN unladen weight, ready for road Vermitted total weight Tuel tank capacity Verformance figures	front rear front rear mm mm mm kg kg	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x 17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Viveels Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight fuel tank capacity Performance figures Fuel consumption	front rear front rear mm mm mm kg	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x 17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Viveels Dimensions and weights Total length Total width with/without mirrors Distance the hight (without rider) Distance the hight (without rider) Distance the hight weight, ready for road Termitted total weight Title tank capacity Terformance figures Title consumption To km/h	front rear front rear mm mm mm kg kg	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380 14	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Viveels Dimensions and weights Total length Total width with/without mirrors Sieat height (without rider) DIN unladen weight, ready for road Permitted total weight Tivel tank capacity Performance figures Tivel consumption To km/h To km/h	front rear front rear mm mm kg kg l	© 240 mm, floating single-calliper brake BIMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380 14	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 10 km/h 120 km/h 14 Acceleration	front rear front rear mm mm kg kg l	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380 14	Wire spoke whee 1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90
ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption Fuel with the consump	front rear front rear mm mm kg kg l	Ø 240 mm, floating single-calliper brake BMW Motorrad ABS as standard (disengageable) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17 2 165 920 /886 780 (optional equipment: 750) 192 380 14	1,60 x 2 3,00 x 1 90/90 R21 54 130/80 R17 65 2 18 800 (special equipment 90

Specifications. BMW F 700 GS.

Engine		BMW F 700 GS
Engine		
Capacity	CC	798
Bore/stroke	mm	82/75.6
Output	kW/bhp	55/75
at engine Speed	rpm	7,300
Torque	Nm	77
at engine Speed		5,300
at engine Speed	rpm	
Type		Water cooled straight
		two cylinder engine
Compression/fuel		12.0 : 1 / premium unleaded (95 RON)
Valve actuation		DOHC (double overhead camshaft), rocker arms
Valves per cylinder		4
Ø intake/outlet	mm	32/27.5
Throttle valve diameter	mm	46
Carburation		Electronic manifold injection, engine engine management BMS-KP
Carbaration		Fully controlled three way
Emission control		catalytic converter
Electrical System		
Alternator	W	400
Battery	V/Ah	12/14
Headlight	v <i>i (</i> 411	High/low-beam: 12 V/55 W, halogen
Rear light		LED brake/rear light
Starter	kW	0.9
Power transmission - gearbox		
Clutch		Multidisc oil bath clutch, mechanically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1.943
		2.462
Gear transmission ratio	<u> </u>	
		1.750
	III	1.381
	IV	1.174
	V	1.042
	VI	0.960
Rear wheel drive		Chain
Transmission ratio		2.471
Transmissionratio		2.47 1
Chassis		Tubular stell frame,
Frame construction type		
		load-bearing power unit
		Lalacconic fork (/) /Li mm
Suspension, Ironic		
		Double-strut swing arm,
Suspension, rear		Double-strut swing arm,
Suspension, rear Spring travel, front/rear	mm	Double-strut swing arm, aluminium cast in one piece
Suspension, front Suspension, rear Spring travel, front/rear Wheel castor	mm mm	Telescopic fork, Ø 41 mm Double-strut swing arm, aluminium cast in one piece 170/170 95
Suspension, rear Spring travel, front/rear Wheel castor	mm	Double-strut swing arm, aluminium cast in one piece 170/170 95
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase		Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm °	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm °	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm,
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm o front	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm o front	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm o front	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable)
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm o front	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable)
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm o front	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm o front rear	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19"
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm o front rear front rear	Double-strut swing arm, aluminium cast in one piece 170/170 970 970 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17"
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm mm o front rear	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17"
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm o front rear front rear front rear front	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17"
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights	mm o front rear front rear front rear front rear front rear	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length	mm mm o front rear front rear front rear front rear front rear front rear	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19 140/80 R17
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width witth/without mirrors	mm mm o front rear front rear front rear front mm mm	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19 140/80 R17
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider)	mm mm o front rear front rear front rear fmm mm mm	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19 140/80 R17
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road	mm mm o front rear front rear front rear front rear front rear front kg	Double-strut swing arm, aluminium cast in one piece 1770/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R17 140/80 R17
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road	mm mm o front rear front rear front rear fmm mm mm	Double-strut swing arm, aluminium cast in one piece 1770/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 110/80 R19 140/80 R17
Suspension, rear Spring travel, front/rear Wheel castor Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	mm mm o front rear front rear front rear front rear front rear front kg	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 4 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19 140/80 R17
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity	mm mm o front rear front rear front rear front rear front rear front kg	Double-strut swing arm, aluminium cast in one piece 170/170 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19 140/80 R17
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures	mm mm o front rear front rear front rear front rear front rear	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19 140/80 R17 2,280 880/855 820 (optional equipment 790) 209 436
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h	mm mm o front rear front rear front rear front rear front rear Indiana service ser	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19 140/80 R17 2,280 880/855 820 (optional equipment 790) 209 436
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h	mm mm o front rear front rear front rear front rear floot mm mm kg kg kg I	Double-strut swing arm, aluminium cast in one piece 1770/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17" 110/80 R19 140/80 R17 2,280 880/855 820 (optional equipment 790) 209 436
Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h	mm mm o front rear front rear front rear front rear front rear Indiana service ser	Double-strut swing arm, aluminium cast in one piece 170/170 95 1,562 64 Hydraulically actuated double disc brake, Ø 300 mm, dual piston floating caliper Hydraulically actuated single disc brake, Ø 265 mm, single-piston floating caliper BMW Motorrad ABS as standard (disengageable) Aluminium cast wheels 2.50 x 19" 3.5 x 17"

Specifications.BMW F 800 GS. BMW 800 GS Adventure.

		BMW F 800 GS	BMW F 800 GS Adventur
Engine			
Capacity	CC	798	
Bore/stroke	mm	82/75,6	
Output	kW/bhp	63/85	
at engine Speed	rpm	7 500	
Torque	Nm	83	
at engine Speed		5 750	
	rpm		
Туре		Water cooled straight two-cylinder engine	
Compression/fuel		12,0:1/ premium unleaded (95 RON)	
Valve actuation		DOHC (double overhead camshaft),	
valve detaction		rocker arms	
/alves per cylinder		4	
Ø intake/outlet	mm	32/27,5	
Throttle valve diameter	mm	46	
De de la cella de		Electronic manifold injection,	
Carburation		engine management BMS-KP	
Emission control		Fully controlled three-way catalytic converter	
		any controlled three way eatalytic converter	
lectrical System			
Alternator	W	400	
	V/Ah		
Battery Landlight	VIAN	12/14, maintenance-free	
Headlight		High-/low beam: Halogen12V/55W	
Rear light		Brake-/rear light: LED	
Starter	kW	0,9	
Power transmission - gearbox			
Clutch	Mı	ultidisc oil bath clutch, mechanically actuated	
Gearbox		Claw-shifted six-speed gearbox	
Primary ratio		1,943	
Gear transmission ratio	1	2,462	
acai transimission ratio	i ii	1,750	
		1,381	
	IV	1,174	
	V	1,042	
	VI	0,960	
Rear wheel drive		Chain	
Transmission ratio		2,625	
Chassis			
rame construction type		Tubular steel frame, load-bearing power unit	
*		Upside-down telescopic fork,	
Suspension, front		fixed tube Ø 43mm	
		Double-strut swing arm,	
Suspension, rear			
		aluminium cast in one piece	
Spring travel, front/rear	mm	230/215	
Vheel castor	mm	117	
Vheelbase	mm	1 578	
Steering head angle	0	64,0	
Brakes	front	Hydraulically actuated double-disc brake;	
ol anes	front	Ø 300 mm	
		Hydraulically actuated single-disc brake;	
	rear	Ø 265 mm	
		BMW Motorrad ABS as standard	
		(disengageable)	
Vheels		Spoked wheels with aluminium rims	
AI ICCIO	ft		
	front	2,15x21	
	rear	4,25x17	
yres	front	90/90-21 54 V	
	rear	150/70-R17 69 V	
imensions and weights			
otal length	mm	2 320	2.3
otal width with/without mirrors	mm	945/870	925/9
Seat height (without rider)	mm	880 (optional equipment: 850)	890 (SA 86
DIN unladen weight, ready for road		207	2
<u> </u>	kg kg		
Permitted total weight	kg	443	4
uel tank capacity	I	16	<u> </u>
ertormance tigures			
·	l/100 km	3,8	4
<u> </u>	l/100 km l/100 km	3,8 5,2	
uel consumption 90 km/h 120 km/h	l/100 km	5,2	5
			4 5 4 19

Specifications. BMW F 800 R.

Engine		BMW F 800 R
<u> </u>		700
Capacity	CC	798
Bore/stroke	mm	82/75,6
Output	kW/bhp	64/87
at engine Speed	rpm	8 000
Torque	Nm	86
at engine Speed		6 000
	rpm	
Гуре		Water cooled straight two-cylinder engine
Compression/fuel		12,0:1/ premium unleaded (95 RON
Valve actuation		DOHC (double overhead camshaft), rocker arms
Valves per cylinder		
		20/07
Ø intake/outlet	mm	32/27,5
Throttle valve diameter	mm	46
Carburation		Electronic manifold injection, engine management BMS-KF
Emission control		Fully controlled three-way catalytic converted
Electrical System		
Alternator	W	400
Battery	V/Ah	12/14, maintenance-free
Headlight	•// 111	High-/low beam: Halogen 12V/55W
Rear light		Brake light: 12V/21W, rear light: 12V/5W
Starter	kW	0,0
D		
Power transmission - gearbox		Anthropological and party and analysis of the second secon
Clutch		Multidisc oil bath clutch, mechanically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,943
Gear transmission ratio	I	2,462
aca. a di lorrilociori l'atto	, , , , , , , , , , , , , , , , , , ,	
		1,750
	III	1,381
	IV	1,227
	V	1,130
	VI	1,042
Rear wheel drive	VI	
Transmission ratio		2,35
Chassis		
Frame construction type		Aluminium bridge frame, load bearing power unit
Suspension, front		Telescopic fork, Ø 43 mm
Suspension, rear		Cast aluminium double-sided swing arm, central suspension strut, spring pre-tension by
		means of hand wheel, hydraulically adjustable at continuously variable levels,
		rebound stage adjustable
2.4.1.1.1.1.1		
Spring travel, front/rear	mm	125/125
Wheel castor	mm	90,7
Wheelbase	mm	1 514
	0	65
Steering head angle		
	front	
	front	
		Ø 320 mm, 4-piston fixed caliper
Brakes	front rear	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper
Brakes		Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper
Brakes ABS		Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard
Brakes ABS	rear	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels
Brakes ABS	rear	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17
ABS Wheels	rear front rear	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17"
ABS Wheels	rear	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standarc Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17
ABS Wheels	rear front rear	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17
ABS Wheels	front rear front	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standarc Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17
ABS Wheels Tyres	front rear front	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17
ABS Wheels Tyres Dimensions and weights	front rear front	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17
ABS Wheels Tyres Dimensions and weights Total length	front rear front rear	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17 180/55 ZR 17
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors)	front rear front rear mm mm	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17 180/55 ZR 17
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height	front rear front rear front rear mm mm mm	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standarc Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17 180/55 ZR 17
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider)	front rear front rear mm mm mm mm	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standarc Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825)
ABS Wheels Fyres Dimensions and weights Fotal length Fotal width (with mirrors) Fotal height Seat height (without rider)	front rear front rear front rear mm mm mm	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standarc Aluminium cast wheels 3,50 x17' 5,50 x17' 120/70 ZR 17 180/55 ZR 17
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight	front rear front rear front rear mm mm mm mm kg	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standarc Aluminium cast wheels 3,50 x17' 5,50 x17' 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road	front rear front rear mm mm mm kg kg	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17 180/55 ZR 17 2 121 905 800 (optional equipment: 775, 825) 177
ABS Wheels Fyres Dimensions and weights Fotal length Fotal width (with mirrors) Fotal height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight	front rear front rear front rear mm mm mm mm kg	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17* 5,50 x17* 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 199 405
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight	front rear front rear mm mm mm kg kg	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17* 5,50 x17* 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 199 405
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity	front rear front rear mm mm mm kg kg	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 12070 ZR 17 180/55 ZR 17 2 121 905 800 (optional equipment: 775, 825) 177 199 405
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures	front rear front rear mm mm mm kg kg	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17* 5,50 x17* 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 199 405
ABS Wheels Fyres Dimensions and weights Fotal length Fotal width (with mirrors) Fotal height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption	rear front rear front rear mm mm mm kg kg kg l	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standarc Aluminium cast wheels 3,50 x17" 5,50 x17" 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 177 199 405
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption BO km/h	rear front rear front rear mm mm mm kg kg kg l	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 12070 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 177 199 405
Brakes ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h	rear front rear front rear mm mm mm kg kg kg l	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 12070 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 177 199 405
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption Fuel consump	rear front rear front rear mm mm mm kg kg kg l	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 177 199 405 16
Brakes ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h Acceleration	rear front rear front rear mm mm mm kg kg kg l	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 177 199 405 16
ABS Wheels Tyres Dimensions and weights Total length Total width (with mirrors) Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h Acceleration D-100 km/h	rear front rear front rear mm mm mm kg kg kg l	Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 120/70 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 177 199 405 16
Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total length Total height Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h Acceleration 0-100 km/h 0-1000 m Max. speed	rear front rear front rear mm mm mm kg kg kg l	Hydraulically actuated double disc brake, floating brake discs, Ø 320 mm, 4-piston fixed caliper Hydraulically actuated single disc brake, Ø 265 mm, single piston floating caliper BMW Motorrad ABS as standard Aluminium cast wheels 3,50 x17" 5,50 x17" 120770 ZR 17 180/55 ZR 17 2 121 905 1155 800 (optional equipment: 775, 825) 177 199 405 16

Specifications. BMW F 800 GT.

		BMW F 800 GT
Engine		
Capacity	CC	798
Bore/stroke	mm	82/75,6
	V/bhp	66/90
at engine Speed	rpm	8 000
Torque	Nm	86
at engine Speed	rpm	5 800
Type	Тріті	Water cooled straight two-cylinder engine
Compression/fuel		12,0:1/ premium unleaded (95 RON)
Valve actuation		DOHC (double overhead camshaft), rocker arms
Valves per cylinder		4
Ø intake/outlet	mm	32/27,5
Throttle valve diameter	mm	46
Carburation		Electronic manifold injection, engine management BMS-K
Emission control		Fully controlled three-way catalytic converter
Electrical System		
Alternator	W	400
Battery	V/Ah	12/12, maintenance-free
Headlight		High-/low beam: Halogen 12V/55W
Rear light		Brake light 12V/21W, rear light: 12V/5W
Starter	kW	0,9
Otalito	IV A A	
Power transmission - gearbox Clutch		Multidisc oil bath clutch, mechanically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,934
Gear transmission ratio	<u> </u>	2,462
	II	1,750
	III	1,381
	IV	1,174
	V	1,042
	VI	0,960
Rear wheel drive		Toothed belt drive,
Transmission ratio		2,353
Chassis		
Frame construction type		Aluminium bridge frame, load bearing power unit
Suspension, front		Telescopic fork, Ø 43 mm
Suspension, rear		Aluminium single-sided swing arm
Spring travel, front/rear	mm	125/125
Wheel castor	mm	94,6
Wheelbase	mm	1 514
Steering head angle	0	63,8
Brakes	front	Hydraulically actuated double disc brake Ø 320 mm
Dianes		Hydraulically actuated double disc brake Ø 320 mm
	rear	BMW Motorrad ABS as standard
M/b a ala		
Wheels	f i	Cast aluminium wheels
	front	3,5x17"
	rear	5,5x17"
Tyres	front	120/70-ZR17
	rear	180/55-ZR17
Dimensions and weights		
Total length	mm	2 156
Total width with mirrors	mm	905
Seat height (without rider)	mm	800 (optional equipment: 820,765)
DIN unladen weight, ready for road		213
Permitted total weight	kg ka	420
Permitted total weight Fuel tank capacity	kg I	420
. ,		
Performance figures Fuel consumption		
	00 km	2.4
		3,4
	00 km	4,3
Acceleration		
0–100 km/h	S	4,0
Max. speed	km/h	>200

Specifications. BMW R nineT.

		DIAM D. L.
Engine		BMW R nineT
Capacity	CC	1 170
Bore/stroke	mm	101/73
Output	kW/bhp	81/109
at engine Speed		7750
	rpm	
Torque	Nm	119
at engine Speed	rpm	6 000
Type		Air cooled two-cylinder boxer engine
Compression/fuel		12,0:1 premium unleaded (95-98 ROZ)
Valve actuation		DOHC (double overhead camshaft), rocker arms
Valves per cylinder	4	The state of the s
Ø intake/outlet	 mm39/3	
Carburation		etronic manifold injection, engine management BMS-K+
Emission control	Fully	y controlled three-way catalytic converter
Electrical System		
Alternator	W	720
Battery	V/Ah	12/14, maintenance-free
Headlight	¥ 17=\\ 1	High-/low beam: Halogen 12V/55W
Rear light		Brake-/rear light: LED
Starter	kW	1,2
Power transmission - gearbox		
Clutch		Single disc dry clutch, hydraulically actuated
Gearbox		
		Claw-shifted six-speed gearbox
Primary ratio		1,737
Gear transmission ratio		2,375
	II	1,696
	III	1,296
	IV	1,065
	V	0,939
	VI	0,333
Described all district	VI	
Rear wheel drive		Cardan drive shaft
Transmission ratio		2,91
Chassis		
		Charles by by law are as a fraction of baseline as a supervisit
Frame construction type		Steel tubular space frame, load bearing power unit
Suspension, front		Upside-down telescopic fork, Ø 46mm
Suspension, rear		BMW Paralever
Spring travel, front/rear	mm	120/140
Wheel castor	mm	102,5
Wheelbase	mm	1 476
Steering head angle	0	64.5
Brakes	front	
Dianos		Hydraulically actuated double disc brake, Ø 320 mm, radial fixed four-calliper brake
	rear	Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake
		BMW Motorrad ABS as standard
Wheels		wire spoke wheels
	front	3,50 x 17"
	rear	5,50 x 17"
Tyros		3,30 X 17 120/70-ZR 17
Tyres	front	
	rear	180/55-ZR 17
Dimensions and weights		
Total length	mm	2 220
Total width with mirrors	mm	890
Seat height (without rider)	mm	785
DIN unladen weight, ready for road	kg	222
Permitted total weight	kg	430
Fuel tank capacity	Ĭ	18
D. (
Performance figures		
Fuel consumption	1/1.00 !	
90 km/h	l/100 km	4,5
120 km/h	l/100 km	5,8
Acceleration		<u></u>
0–100 km/h	S	3,6
Max. speed	km/h	> 200
May sheen	INT I/I I	>200

Specifications. BMW R 1200 R. BMW R 1200 R Classic.

		BMW R 1200 R	BMW R 1200 R Classic
Engine		Divite IX 1230 IX	EH K IZOU K Olassic
Capacity	CC	1 170	
Bore/stroke	mm	101/73	
Output	kW/bhp	81/109	
at engine Speed	rpm	7 750	
Torque	Nm	119	
at engine Speed	rpm	6 000	
Туре	тртт	Air cooled two-cylinder boxer engine	
Compression/fuel		12,0:1 premium unleaded (95-98 ROZ)	
Valve actuation		DOHC (double overhead camshaft),	
valve actuation		rocker arms	
Values per culinder		Tocker arms 4	
Valves per cylinder Ø intake/outlet	mm	39/33	
Carburation	mm		
Carburation		Electronic manifold injection,	
Endada a salah		engine management BMS-K+	
Emission control		Fully controlled three-way catalytic converter	
Florida I O at a se			
Electrical System			
Alternator	W	720	
Battery	V/Ah	12/14, maintenance-free	
Headlight		High-/low beam: Halogen 12V/55W	
Rear light		Brake-/rear light: LED	
Starter	kW	1,2	
Power transmission - gearbox			
Clutch		Single disc dry clutch, hydraulically actuated	
Gearbox		Claw-shifted six-speed gearbox	
Primary ratio		1,737	
Gear transmission ratio	1	2,375	
deal transmission ratio	<u>-</u>	1,696	
	<u> </u>	1,296	
	IV_	1,065	
	V	0,939	
	VI	0,848	
Rear wheel drive		Cardan drive shaft	
Transmission ratio		2,75	
Chassis			
Frame construction type		Steel tubular space frame,	
		load bearing power unit	
Suspension, front		BMW Telelever	
Suspension, rear		BMW Paralever	
Spring travel, front/rear	mm	120/140	
Wheel castor	mm	119,1	
Wheelbase	mm	1 495	
	0	62,9	
Steering head angle		· · · · · · · · · · · · · · · · · · ·	
Brakes	front	Hydraulically actuated double disc brake,	
		Ø 320 mm, radial fixed four-calliper brake	
	rear	Hydraulically actuated Single disc brake,	
		Ø 265 mm, floating two-calliper brake	
		BMW Motorrad Integral ABS as standard	
		(partially integral)	
Wheels		Cast light alloy wheels	wire spoke 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	2 145	
Total width with/without mirrors	mm	906/845	
Seat height (without rider)		800 (optional equipment: 830, 760, 750)	
	mm		
DIN unladen weight, ready for road	kg_	223	
Permitted total weight	kg	450	
Fuel tank capacity		18	
Doubours C.			
Performance figures			
Fuel consumption			
90 km/h	I/100 km	4,1	
120 km/h	l/100 km	5,5	
Acceleration			
Acceleration 0–100 km/h	S	3,5	
	s km/h	3,5 > 200	

Specifications. BMW R 1200 GS. BMW R 1200 GS Adventure.

		BMW R 1200 GS	BMW R 1200 GS Adventure
Engine			
Capacity	CC	1 170	
Bore/stroke	mm	101/73	
Output	kW/bhp	92/125	
at engine Speed	rpm	7 750	
Torque	Nm	125	
at engine Speed	rpm	6 500	
Туре		Liquid-/air cooled two-cylinder boxer engine	
Compression/fuel		12,5:1 premium unleaded 95-98 RON	
o o mprodoro mado.		DOHC (double overhead camshaft),	
Valve actuation		rocker arms	
Valves per cylinder		4	
7 intake/outlet	100.100	40/34	
	mm		
Throttle valve diameter	mm	52	
Carburation		BMS-X	
Emission control		Fully controlled three-way catalytic converter	
Electrical System			
Alternator	W	510	
Battery	V/Ah	12/12, maintenance-free	
Headlight		H7 / LED (optional equipment)	
Rear light		Break-/rear light: LED	
Starter	kW	0,9	
J.Cai. (O)	I, v v	0,3	
Power transmission			
Power transmission - gearbox		A . 12 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Clutch		Anti-hopping wet clutch	
Gearbox		Constant mesh six-speed gearbox	
Primary ratio		1,65	
Gear transmission ratio	1	2,438	
	ll l	1,714	
	III	1,296	
	IV	1,059	
	V	0,943	
	VI	0,848	
December 1912	VI	· · · · · · · · · · · · · · · · · · ·	
Rear wheel drive		Cardan drive shaft	
Transmission ratio		2,91	
Chassis			
		Tubular steel frame,	
Frame construction type		load-bearing power unit	
Suspension, front		BMW Telelever	
Suspension, rear		BMW EVO Paralever	
Spring travel, front/rear	mm	190/200	210/220
Wheel castor		99,6	92,7
	mm		
Wheelbase	mm	1 510	1 510
Steering head angle		64,5	65,5
		Hydraulically actuated double disc brake,	
Brakes	front	Ø 305 mm	
		Hydraulically actuated single disc brake,	
	rear	Ø 267 mm	
		BMW Motorrad Integral ABS as standard	
		(partially integral, disengageable)	
Wheels		Cast light alloy wheels	Cross spoke wheels
VVIIOOIO	front	3,0 x 19"	Oross spoke Wileels
T. was	rear	4,5 x 17"	
Tyres	front	120/70 R 19	
	rear	170/60 R 17	
Dimensions and weights			
Total length	mm	2 207	2 255
Total width mirrors	mm	935	980
Seat height (without rider)	mm	850/870	
DIN unladen weight, ready for road		238	
	kg		260
Permitted total weight	kg	450	480
Fuel tank capacity		20	30
Performance figures			
Fuel consumption	l/100 km	4.1	4.3
Fuel consumption 90 km/h	I/100 km	<u>4,1</u>	<u>4,3</u> 5.9
Fuel consumption 90 km/h 120 km/h	l/100 km l/100 km	4,1 5,5	4,3 5,9
Performance figures Fuel consumption 90 km/h 120 km/h Acceleration	l/100 km	5,5	5,9
Fuel consumption 90 km/h 120 km/h			

Specifications. BMW R 1200 RT.

BMW R 1200 RT	
1170	CC
101/73	mm
92/125	kW/bhp
7750	eed rpm
125	Nm
6500	eed rpm
Liquid-/air cooled two-cylinder boxer engine	•
12,5:1 premium unleaded 95RON	/fuel
DOHC (double overhead camshaft), rocker arms	on
DOI 10 (double overhead carrishart), rocker arris	linder
40/0	
40/34	et mm
52	diameter mm
BMS->	
Fully controlled three-way catalytic converte	trol
	ystem
540	W
12/16, maintenance-free	
	V/An
H7 / daytime-runnig-light(optional equipment	
LED Brake-/rear light	
0,0	kW
	mission - gearbox
Anti-hopping wet clutch	
Constant mesh six-speed gearbox	
1,65	
2,438	ssion ratio
1,714	<u> </u>
1,296	III
1,059	IV
0,943	V
0,848	VI
Cardan drive shaft	rive
2,75	ratio
-): -	
T	
Tubular steel frame,load-bearing power unit	uction type
BMW Telelever	ront
BMW EVO Paralever	ear
120/136	front/rear mm
116	mm
1485	mm
63,6	d angle
Hydraulically actuated double disc brake, Ø 320 mm	front
Hydraulically actuated single disc brake, Ø 275 mm	rear
	Tour
	Toui
Cast light alloy wheels	roui
Cast light alloy wheels	front
Cast light alloy wheels 3,5 x 17'	front
Cast light alloy wheels 3,5 x 17' 5,5 x 17'	front rear
BMW Motorrad Integral ABS as standard (partially integral) Cast light alloy wheels 3,5 × 17" 5,5 × 17" 120/70 ZR 17 180/55 ZR 17	front
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17	front rear front rear
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17	front rear front rear and weights
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17	front rear front rear and weights
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17	front rear front rear and weights mm with mirrors mm
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17	front rear front rear and weights
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17 2 222 983 805 /825 (optional equipment: 830/850 or 760/780)	front rear front rear and weights mm with mirrors mm without rider) mm
Cast light alloy wheels 3,5 x 17' 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17 2 222 983 805 /825 (optional equipment: 830/850 or 760/780)	front rear front rear front rear and weights mm with mirrors mm vithout rider) mm weight, ready for road kg
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17 2 222 983 805 /825 (optional equipment: 830/850 or 760/780) 274 495	front rear front rear and weights mm with mirrors mm without rider) mm
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17' 2 222 983 805 /825 (optional equipment: 830/850 or 760/780	front rear front rear and weights mm with mirrors mm vithout rider) mm weight, ready for road kg al weight kg acity I
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17' 2 222 983 805 /825 (optional equipment: 830/850 or 760/780	front rear front rear and weights mm with mirrors mm vithout rider) mm weight, ready for road kg al weight kg acity I
Cast light alloy wheels 3,5 x 17'	front rear front rear front rear and weights mm with mirrors mm vithout rider) mm weight, ready for road kg al weight kg acity I
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 180	front rear front rear front rear and weights mm with mirrors mm without rider) mm weight, ready for road kg al weight kg acity I e figures btion 1/100 km
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 17 2 222 983 805 /825 (optional equipment: 830/850 or 760/780)	front rear front rear front rear and weights mm with mirrors mm vithout rider) mm weight, ready for road kg al weight kg acity I
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 5,5 x 17' 120/70 ZR 17 120/70 ZR 17 180/55 ZR 180	front rear front rear front rear and weights mm with mirrors mm without rider) mm weight, ready for road kg al weight kg acity I e figures btion 1/100 km 1/100 km
Cast light alloy wheels 3,5 x 17' 5,5 x 17' 120/70 ZR 17 180/55 ZR 180	front rear front rear front rear and weights mm with mirrors mm without rider) mm weight, ready for road kg al weight kg acity I e figures btion 1/100 km

Specifications. BMW K 1300 S.

		BMW K 1300 S
Engine		4,000
Capacity	CC	1 293
Bore/stroke	mm	80/64,3
Output	kW/bhp	129/175
at engine Speed	rpm	9 250
Torque	Nm	140
at engine Speed	rpm	8 250
Туре		Water cooled straight 4-cylinder engine
Compression/fuel		13,0:1/premium plus unleaded, (98 RON);
Compressionnuel		automatic knock control also allowing the use of premium unleaded down to 95 RON
Value astrotica		
Valve actuation		DOHC (double overhead camshaft), rocker arms
Valves per cylinder		4
Ø intake/outlet	mm	32/27,5
Throttle valve diameter	mm	46
Carburation		Electronic fuel injection, digital motor electronics with integrated knock control, BMS-K
Emission control		Fully controlled three-way catalytic converter
Electrical System		
Alternator	W	580
Battery	V/Ah	12/14, maintenance-free
Headlight	*// 11	High-/low beam: Halogen 12V/55W
Rear light		
	1347	Brake-/rear light: LED
Starter	kW	0,7
Power transmission - gearbox		
Clutch		Multidisc clutch in oil bath, hydraulically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,559
Gear transmission ratio	l	2,398
·	II	1,871
	III	1,525
	IV	1,296
	V	1,143
	VI	1,015
Rear wheel drive		Cardan drive shaft
Transmission ratio		2,82
Chassis		
Frame construction type		Aluminium bridge frame, load bearing power unit
Suspension, front		BMW Motorrad Duolever,
edoporioion, none		central spring strut
Suspension, rear	Cod	st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever
Suspension, real		
	Sys	stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound
		damping adjustable
Spring travel, front/rear	mm	115/135
Wheel castor	mm	104,4
Wheelbase	mm	1 585
Steering head angle	0	60,4
Brakes	front	· · · · · · · · · · · · · · · · · · ·
שומועס	HOHL	Hydraulically actuated double-disc brake, floating brake discs,
		Ø 320 mm, four-piston fixed calliper
	rear	Hydraulically actuated single-disc brake, Ø 265 mm, double-piston floating calliper
		BMW Motorrad Integral ABS as standard (partially integral)
Wheels		Cast aluminium wheels
	front	3,50 x 17"
		6,00 x 17"
Turno	rear	
Tyres	front	120/70 ZR 17
	rear	190/55 ZR 17
Dimensions and weights		
Dimensions and weights		
Total length	mm	2 182
Total width with mirrors	mm	905
Seat height (without rider)	mm	820 (optional equipment: 790)
DIN unladen weight, ready for road	kg	254
Permitted total weight	kg	460
Fuel tank capacity	kg	
Performance figures		
Fuel consumption		
90 km/h	l/100 km	4,7
120 km/h	l/100 km	5,3
Acceleration		0,0
0–100 km/h	S	2,8
0–1000 m	S	19,2
Max. speed	km/h	>200

Specifications. BMW K 1300 R.

		BMW K 1300 R
Engine		
Capacity	CC	1 293
Bore/stroke	mm	80/64,3
Output	kW/bhp	112/173
at engine Speed	rpm	9 250
Torque	Nm	
		8 2 5 0
at engine Speed	rpm	
Туре		Water cooled straight 4-cylinder engine
Compression/fuel		13,0:1/premium plus unleaded, (98 RON);
		automatic knock control also allowing the use of premium unleaded down to 95 RON
Valve actuation		DOHC (double overhead camshaft), rocker arms
Valves per cylinder		4
Ø intake/outlet	mm	32/27,5
Throttle valve diameter	mm	46
Carburation		Electronic fuel injection, digital motor electronics with integrated knock control, BMS-K
Emission control		Fully controlled three-way catalytic converter
Electrical System		
	\ A /	F00
Alternator	W	580
Battery	V/Ah	12/14, maintenance-free
Headlight		High-/low beam: 12V/55W Halogen
Rear light		Brake-/rear light: LED
Starter	kW	0,7
		ŕ
Power transmission - gearbox		MA Interpretable for the control of
Clutch		Multidisc clutch in oil bath, hydraulically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,559
Gear transmission ratio	I	2,398
	il i	1,871
		1,525
	IV	1,296
	V	1,143
	VI	1,015
Rear wheel drive		Cardan drive shaft
Transmission ratio		2,91
Chassis		
Chassis Frame construction type Suspension, front		Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound
Chassis Frame construction type Suspension, front		Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever
Chassis Frame construction type Suspension, front Suspension, rear		Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear	sys	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor	mm mm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase	sys	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle	mm mm mm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle	mm mm mm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs,
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle	mm mm mm °	Aluminium bridge frame, load bearing power unit BMW Motorrad Duclever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm mm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm mm °	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral)
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm mm °	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm mm °	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral)
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm o front	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17"
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm mm mm of front rear	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17"
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm mm o front rear front	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm mm mm of front rear	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminum wheels 3,50 x 17" 5,50 x 17"
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights	mm mm o front rear front	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres	mm mm o front rear front	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length	mm mm mm o front rear front rear mmm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors	mm mm o front rear front rear mm mm mm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider)	mm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road	front rear front rear mm mm mm mm kg	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	front rear front rear front rear front rear front grear front great grea	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17 2 228 856 820 (optional equipment: 790) 243
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	front rear front rear mm mm mm mm kg	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity	front rear front rear front rear front rear front grear front great grea	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures	front rear front rear front rear front rear front grear front great grea	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption	mm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h	mm mm mm rear front front rear front front rear front front front rear front	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17 2 228 856 820 (optional equipment: 790) 243 460 19
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h	mm	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h Acceleration	mm mm mm mm mm mm mm mm kg kg l l	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17 180/55 ZR 17 5,60 5,0 5,0 5,8
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h Acceleration 0-100 km/h Acceleration 0-100 km/h	mm mm front rear front rear mm mm mm kg kg I I I I I I I I I I I I I I I I I	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17 2 228 820 (optional equipment: 790) 243 460 19 5,0 5,8
Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h Acceleration	mm mm mm mm mm mm mm mm kg kg l l	Aluminium bridge frame, load bearing power unit BMW Motorrad Duolever, central spring strut st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever stem, spring pre-tension adjustable infinitely by hand wheel in a hydraulic process, rebound damping adjustable 115/135 104,4 1 585 60,4 Hydraulically actuated double-disc brake, floating brake discs, Ø 320 mm, four-piston fixed calliper Hydraulically actuated ingle-disc brake, Ø 265 mm, double-piston floating calliper BMW Motorrad Integral ABS as standard (partially integral) Cast aluminium wheels 3,50 x 17" 5,50 x 17" 120/70 ZR 17 180/55 ZR 17 180/55 ZR 17 5,60 5,0 5,0 5,8

Specifications. BMW K 1600 GT. BMW K 1600 GTL.

		BMW K 1600 GT	BMW K 1600 GTL
Engine		Dimit it 1000 di	<u> </u>
Capacity	CC	1 649	
Bore/stroke	mm	72/67,5	
Output	kW/bhp	118/160,5	
at engine Speed	rpm	7 750	
Torque	Nm	175	
at engine Speed	rpm	5 250	
Туре		Water cooled 6-cylinder in-line engine	
Compression/fuel		12.2:1 / premium unleaded (95 RON	
Valve actuation		DOHC (double overhead camshaft),	
valve actuation		bucket tappets	
Valves per cylinder		4	
Ø intake/outlet	mm	29/24,8	
Throttle valve diameter	mm		
	mm		
Carburation		Electronic fuel injection,	
Facinaise seates!		digital motor electronics BMS-X	
Emission control		Fully controlled three-way catalytic converter	
Florida I O at a se			
Electrical System	147	500	
Alternator	W	580	
Battery	V/Ah	12/19, maintenance-free	
Headlight		Low beam: Xenon 12V/35W	
		High beam: Halogen 12V/35W	
- · · · · ·		Parking light: light rings	
Rear light		Brake-/rear light: LED	
Starter	kW	0,7	
Power transmission - gearbox			
Clutch		Multidisc clutch in oil bath,	
		hydraulically actuated	
Gearbox		Claw-shifted six-speed gearbox,	
		helical-toothed	
Primary ratio		1,617	
Gear transmission ratio		2,230	
	II	1,641	
	III	1,319	
	IV	1,101	
	V	0,926	
	VI	0,788	
Rear wheel drive		Bevel gear	
Transmission ratio		2,75	
Transmission rates		2-1. 0	
Chassis			
Frame construction type		Main frame: chill-cast	
Traine construction type		rear frame: aluminium, extruded sections	
Suspension, front		BMW Motorrad Duolever	
Suspension, rear		BMW Motorrad Paralever	
Spring travel, front/rear	mm	115/135	
Wheel castor	mm		
	mm	106,4	
Wheelbase	mm °	1 618	
Steering head angle		62,2	
Brakes	front	Hydraulically actuated double-disc brake,	
		Ø 320mm, radial 4-piston fixed caliper	
	rear	Hydraulically actuated single-disc brake,	
ADO		Ø 320mm, 2-piston fixed caliper	
ABS		BMW Motorrad Integral ABS as standard	
		(partially integral)	
NA III I .		('act aluminium wheele	
Wheels		Cast aluminium wheels	
Wheels	front	3,50 x 17"	
	rear	3,50 x 17" 6,00 x 17"	
Wheels Tyres		3,50 x 17" 6,00 x 17" 120/70 ZR 17	
	rear	3,50 x 17" 6,00 x 17"	
Tyres	rear front	3,50 x 17" 6,00 x 17" 120/70 ZR 17	
Tyres	rear front	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17	
Tyres	rear front	3,50 x 17" 6,00 x 17" 120/70 ZR 17	2 489
Tyres Dimensions and weights	rear front rear	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17	2 489
Tyres Dimensions and weights Total length Total width with/without mirrors	rear front rear mm	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17	2 489 750 (optional equipment: 780)
Tyres Dimensions and weights Total length Total width with/without mirrors	rear front rear mm mm mm	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980	
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road	rear front rear mm mm mm kg	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers)	750 (optional equipment: 780) 348 (incl. pannier, topcase)
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	rear front rear mm mm mm	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	rear front rear mm mm mm kg	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers)	750 (optional equipment: 780) 348 (incl. pannier, topcase)
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity	rear front rear mm mm mm kg	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures	rear front rear mm mm mm kg	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption	rear front rear mm mm kg kg	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540 24	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560 26,5
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h	rear front rear mm mm kg kg l	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540 24	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560 26,5
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h	rear front rear mm mm kg kg	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540 24	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560 26,5
Dimensions and weights Total length Total with with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h Acceleration	rear front rear mm mm kg kg l	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540 24 4,5 5,7	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560 26,5
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h Acceleration 0–100 km/h	rear front rear mm mm kg kg l	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540 24 4,5 5,7	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560 26,5 4,6 5,9
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h	rear front rear mm mm kg kg l	3,50 x 17" 6,00 x 17" 120/70 ZR 17 190/55 ZR 17 2 324 1000/980 810-830 (optional equipment: 780-800) 319 (without panniers) 540 24 4,5 5,7	750 (optional equipment: 780) 348 (incl. pannier, topcase) 560 26,5 4,6 5,9

Specifications. BMW S 1000 R.

		BMW S 1000 R
Engine		
Capacity	CC	999
Bore/stroke	mm	80/49,
Output	kW/bhp	118/160
at engine Speed	rpm	11 000
Torque		112
	Nm	
at engine Speed	rpm	9 250
Туре		Water cooled straight 4-cylinder engine
Compression/fuel		12,0:1/min. premium unleaded (95 RON
Valve actuation		DOHC (double overhead camshaft) valves operated by single rocker arm beneath engine
Valves per cylinder		
		20.5/07
Ø intake/outlet	mm	33,5/27,
Throttle valve diameter	mm	48
Carburation		BMS-)
Emission control		Two fully controlled three-way catalytic converter
Electrical System		
Alternator	W	350
Battery	V/Ah	14/09, maintenance-free
-leadlight	W	H7
Rear light	••	Brake-Irear light: LED
Starter	kW	Diake-rieal light. LEL 0,6
Julius	r.vv	
Power transmission - gearbox		
Clutch		Multi-disc anti-hopping oil bath clutch, mechanically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,652
Gear transmission ratio		2,647
	II	2,091
	III	1,727
	IV	1,500
	V	1,360
	VI	1,261
	VI	
B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Rear wheel drive		
Rear wheel drive Transmission ratio		
Transmission ratio		
Transmission ratio Chassis		2,647
Transmission ratio Chassis Frame construction type		2,647 Aluminium bridge frame
Transmission ratio Chassis Frame construction type Suspension, front		2,647 Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm
Transmission ratio Chassis Frame construction type Suspension, front		Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound
Transmission ratio Chassis Frame construction type Suspension, front		Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear	mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear	mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebounc action 120/120
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor	mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebounc actior 120/120
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase	mm mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebounc actior 120/120 98,5
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm °	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action 120/120 98,5 1 439 65,4
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm,
	mm mm °	Chain 2,647 Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action 120/120 98,5 1 439 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm, radial 4-piston fixed callipers
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm ° front	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm, radial 4-piston fixed callipers
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm °	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm, radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm ° front	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebounc actior 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm ° front	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebounc actior 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm o front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebounc actior 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm ° front	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/120 98,5 1 435 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm o front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/120 98,5 1 435 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm o front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17' 6,00 x 17'
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm o front rear front rear front	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels 3,50 x 17' 6,00 x 17'
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm o front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17* 6,00 x 17*
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm o front rear front rear front	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17* 6,00 x 17*
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle Brakes ABS Wheels Tyres Dimensions and weights	mm mm o front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 143S 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17' 6,00 x 17' 120/70 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length	mm mm o front rear front rear front rear front rear front rear mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/120 98,5 1 435 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels 3,50 x 17 6,00 x 17 120/70 ZR 17 190/55 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors	mm mm o front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/120 98,3 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callipe BMW Motorrad Race ABS as standare (partly integral, disengageable) Cast aluminium wheele 3,50 x 17 6,00 x 17 120/70 ZR 17 190/55 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors	mm mm o front rear front rear front rear front rear front rear mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 1 43S 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17' 6,00 x 17' 120/70 ZR 17 190/55 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider)	mm mm o front rear front rear front rear front rear mm mm mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 1 43S 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17' 6,00 x 17' 120/70 ZR 17 190/55 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road	mm mm o front rear front rear front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17' 6,00 x 17' 120/70 ZR 17 190/55 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	mm mm o front rear front rear front rear front rear mm mm mm	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 1 433 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callipe BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17 6,00 x 17 120/70 ZR 17 190/55 ZR 12 2 057 845 814 2 057
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	mm mm o front rear front rear front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 1 433 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callipe BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17 6,00 x 17 120/70 ZR 17 190/55 ZR 12 2 057 845 814 2 057
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity	mm mm o front rear front rear front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 1 433 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callipe BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17 6,00 x 17 120/70 ZR 17 190/55 ZR 12 2 057 845 814 2 057
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures	mm mm o front rear front rear front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 1435 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable Cast aluminium wheels 3,50 x 17' 6,00 x 17' 120/70 ZR 17 190/55 ZR 12 2 057 845 815 2 1207 8 1207 8 1207
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight Fuel tank capacity Performance figures Fuel consumption	mm mm o front rear front rear front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound actior 120/12C 98,5 1 438 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels 3,50 x 17' 6,00 x 17' 120/70 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h	mm mm o front rear front rear front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action 120/12C 98,5 1 43S 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels 3,50 x 17' 6,00 x 17' 120/70 ZR 17 190/55 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h	mm mm o front rear front rear front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action 120/12C 98,5 1 43S 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels 3,50 x 17' 6,00 x 17' 120/70 ZR 17 190/55 ZR 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h Acceleration	mm mm o front rear front rear front rear limit front rear front rear limit front rear limit front rear limit front rear limit front front rear limit front front front rear limit front fr	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebounce action 120/12C 98,5 1 435 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipers Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating calliper BMW Motorrad Race ABS as standard (partly integral, disengageable) Cast aluminium wheels 3,50 x 17* 6,00 x 17* 120/70 ZR 17 190/55 ZR 17 2 057 845 814 207 407 17,5
Transmission ratio Chassis Frame construction type Suspension, front Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Tyres Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption 90 km/h 120 km/h	mm mm o front rear front rear front rear front rear front rear front rear	Aluminium bridge frame Upside-down fork, fixed tube Ø 46 mm Double swing arm with central spring strut in spring base, adjustable inbound and rebound action 120/120 98,5 1 439 65,4 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm,

Specifications. BMW S 1000 RR.

Engino		BMW S 1000 R
Engine		00
Capacity	CC	99
Bore/stroke	mm	80/49
Output	kW/bhp	142/19
at engine Speed	rpm	13 00
Torque	Nm	11
t engine Speed	rpm	9.75
ype		Water cooled straight 4-cylinder engi
Compression/fuel		13:1/min. premium unleaded (95 RO
/alve actuation		DOHC (double overhead camshaft) valves operated by single rocker arm beneath engit
/alves per cylinder		DOLLO (double overhead carrishart) valves operated by single rocker arm beneath engin
		00.5/03
ð intake/outlet	mm	33,5/27
hrottle valve diameter	mm	
Carburation		Electronic fuel injection, digital motor electronics BMS-h
Emission control		Two fully controlled three-way catalytic converte
Electrical System		
Alternator	W	3
		<u>-</u>
Battery	V/Ah	14/10 or 12, maintenance-fr
Headlight	W	High-/low beam: Halogen 12V/55
Rear light		Brake-/rear light: LE
Starter	kW	0
Dawey transmission growbay		
Power transmission - gearbox Clutch		Multi-disc anti-hopping oil bath clutch, mechanically actuate
Gearbox		Claw-shifted six-speed gearb
		; V
Primary ratio		1,6:
Gear transmission ratio	<u> </u>	2,64
	ll ll	2,09
	III	1,77
	IV	1,50
	V	1,31
	VI	1,21
Rear wheel drive	VI	- 1,21 Cha
Fransmission ratio		2,64
Chassis Frame construction type Suspension, front		Aluminium bridge fran Upside-down fork, fixed tube Ø 46 m
Suspension, rear		Double swing arm with central spring strut in spring base, adjustable inbound and rebour
basperision, real		
	mm	acti
Spring travel, front/rear	mm	acti 120/1:
Spring travel, front/rear Wheel castor	mm	acti 120/1: 98
Spring travel, front/rear Wheel castor Wheelbase	mm mm	acti 120/1; 98 1 422
Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm	acti 120/1: 98 1 422
Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm ° front	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm ° front	active 120/13 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm radial 4-piston fixed callipse Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callipse BMW Motorrad Race ABS as standa
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm ° front	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS	mm mm o front rear	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium whee
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm o front rear	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disease) Cast aluminium whee
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm mm o front rear front rear	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium wher 3,50 x 1 6,00 x 1
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm mm o front rear	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm o front rear front rear	Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callipe BMW Motorrad Race ABS as standa (partly integral, disengageab) Cast aluminium where 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 1
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	mm mm o front rear front rear front rear front	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights	mm mm o front rear front rear front rear front rear	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium wher 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights Fotal length	mm mm o front rear front rear front rear front rear mm	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium where 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights Fotal length Fotal width with mirrors	mm mm o front rear front rear front rear front rear mm mm	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, discangageab Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider)	mm mm o front rear front rear front rear front rear mm	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Dimensions and weights Fotal length Fotal width with mirrors Seat height (without rider) Dry weight	mm mm o front rear front rear front rear front rear mm mm	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab) Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider) Dry weight	front rear front rear front rear front rear front rear front rear	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab) Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road	mm mm o front rear front rear front rear front rear front rear kg	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab) Cast aluminium wher 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels	front rear front rear front rear front rear front rear front rear	acti 120/13 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab) Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 206 88 87 11
ABS Wheels Wheels Wheels ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Tuel tank capacity	mm mm o front rear front rear front rear front rear front rear kg	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 2 0 8 8 8 1 1 206
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights Fotal length Fotal width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures	mm mm o front rear front rear front rear front rear front rear kg	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 2 0 8 8 8 1 1 206
ABS Wheels ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider) Dry weight DiN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption	mm mm o front rear front rear front rear front rear front general front rear	acti 120/13 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 2 06 88 87 1 1 2 206 44 1 17
ABS Wheels Tyres Dimensions and weights Total length Cotal width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption BO km/h	mm mm o front rear front rear front rear front rear front general front rear	acti 120/13 98 1422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mradial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium wher 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 203 86 87 11 206 40 17
ABS Wheels ABS Wheels Dimensions and weights Total length Cotal width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption Manual Consumption Ma	mm mm o front rear front rear front rear front rear front general front rear	acti 120/13 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium whee 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 2 06 88 87 1 1 2 206 44 1 17
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Euel tank capacity Performance figures Euel consumption 90 km/h 120 km/h Acceleration	mm mm o front rear front rear front rear front rear front general front rear	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab) Cast aluminium where 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 2 0: 8: 9: 17 206 4: 17
ABS Wheels Wheels ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider) DIN unladen weight Permitted total weight Tuel tank capacity Performance figures Tuel toonsumption Tuel toonsu	mm mm o front rear front rear front rear front rear front general front rear	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab Cast aluminium wher 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR
Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Dimensions and weights Total length Total width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Euel tank capacity Performance figures Euel consumption 90 km/h 120 km/h Acceleration	mm mm o front rear front rear front rear front rear front rear I mm mm mm kg kg kg I	acti 120/1: 98 1 422 Hydraulically actuated double disc brake with BMW disc mount, Ø 320 m radial 4-piston fixed callipe Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callip BMW Motorrad Race ABS as standa (partly integral, disengageab) Cast aluminium where 3,50 x 1 6,00 x 1 120/70 ZR 190/55 ZR 2 0 8 8 9 11 206 4 17