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

		BMW C 600 Sport	BMW C 650 GT
Engine		Billio C CCC Cpcit	2 0 000 01
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	
Type	ιριιι	Water cooled straight two-cylinder engine	
Compression/fuel		11,6:1/ premium unleaded (95 RON)	
Valve actuation		DOHC (double overhead camshaft),	
valve actuation		bucket tappets	
Valves per cylinder	mm	d Ducket tappets	
Ø intake/outlet		31,5/27,1	
Throttle valve diameter	mm	31,5/27,1	
	mm		
Carburation		Electronic manifold injection, BMS-E	
Emission control		Fully controlled three-way catalytic converter	
Flooris al Constant			
Electrical System	147	F00	
Alternator	W	588	
Battery	V/Ah	12/12	
Headlight		Low-/high beam: Halogen12V/55W	150 P. L. L. W. C. & 400 P. C. C.
Rear light		Brake-/rear light: LED	LED-rear light, brake light: 2x 12V/21W
Starter	kW	0,6	
Power transmission - gearbox			
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,	
S. a. i.o.		Ø 270 mm, double piston floating calliper	
	rear	Hydraulically actuated single disc brake,	
		Ø 270 mm, double piston floating calliper	
ABS		BMW Motorrad ABS (standard)	
Wheels		Cast aluminium wheels	
5.0	front	3,50 x 15"	
	rear	4,50 x 15"	
Tyres	front	120/70 R15	
13100	rear	160/60 R15	
	I Gai	100/00 KTS	
Dimensions and weights			
Total length	mm	2 155	2 218
Total width	mm	877/790	916/822
Seat height (without rider)		8177790 810 (standard)	780 (standard)
	mm		`
DIN unladen weight, ready for road	kg	249 445	<u>261</u>
Permitted total weight	kg		445
Fuel tank capacity		16	
Parformance figures			
Performance figures			
Fuel consumption	I/100 L ::		
90 km/h	l/100 km	4,4	
100 km/h	l/100 km	4,8	
120 km/h	l/100 km	5,6	
Acceleration			
0-100 km/h	S	7,1	7,5
Max. speed	km/h	175	

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

Engine		BMW G 650 GS	BMW G 650 GS Sertão
Engine Capacity		652	
Bore/stroke	CC	100/83	
Output	mm kW/bhp	35/48	
t engine Speed			
	rpm	6 500	
orque	Nm	60	
t engine Speed	rpm	5 000	
ype		Water cooled single-cylinder engine	
Compression/fuel		11,5:1/ regular unleaded (91 RON)	
/alve actuation		DOHC (double overhead camshaft),	
7.1		bucket tappets	
/alves per cylinder		4	
ð intake/outlet	mm	36/31	
hrottle valve diameter	mm	43	
Carburation		Electronic manifold injection,	
		engine management BMS-C II	
mission Control		Fully controlled three-way catalytic converter	
lactrical System			
lectrical System Iternator	W	400	
	VV V/Ah		
dattery	v/An		
leadlight		High-/low beam: Halogen12V/55W	
Rear light		Brake light: 12V/21W, rear light: 12V/5W	
tarter	kW	0,9	
Power transmission - gearbox		10505 - 29 houte of tale and the 200 of the 1	
Clutch	Mı	ultidisc oil bath clutch, mechanically actuated	
Gearbox		Claw-shifted five-speed gearbox	
rimary ratio		1,946	
Gear transmission ratio	<u> </u>	2,750	
	ll l	1,750	
	III	1,313	
	IV	1,045	
	V	0,875	
Rear wheel drive		Chain	
Transmission ratio		2,938	
rame construction type	S	Steel bridge frame with bolt-on framework tail	
rame construction type Suspension, front	S	Telescopic forks with form stabiliser	
Frame construction type Guspension, front		Telescopic forks with form stabiliser Boxed dual swing arm of steel sections,	
Frame construction type Suspension, front Suspension, rear		Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system	
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear		Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165	
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor	(Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113	123
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase	mm mm mm	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165	123
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase	mm mm	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113	123
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm mm o	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477	123
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm mm	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9	123
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm mm o	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake,	123
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm mm o	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake	123
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm mm o	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake	123
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Vheel castor Vheelbase Steering head angle Grakes	mm mm mm o	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard)	123 1 484
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm mm o front	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels	123 1 484 Wire spoke wheels
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm mm o front rear	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating ingle-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19"	123 1 484 Wire spoke wheels 1,60 x 21"
rame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Strakes ABS Wheels	mm mm o front rear	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19" 3,50 x17"	123 1 484 Wire spoke wheels 1,60 x 21 ^t 3,00 x 17 ^t
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	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19	123 1 484 Wire spoke wheels 1,60 x 21" 3,00 x 17" 90/90 R21 54S
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	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19" 3,50 x17"	123 1 484 Wire spoke wheels 1,60 x 21" 3,00 x 17" 90/90 R21 54S
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels	mm mm o front rear front	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19	123 1 484 Wire spoke wheels 1,60 x 21" 3,00 x 17" 90/90 R21 54S
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Dimensions and weights	mm mm mm o front rear front rear	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17	123 1 484 Wire spoke wheels 1,60 x 21' 3,00 x 17' 90/90 R21 54S 130/80 R17 65S
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	front rear front rear	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17	123 1 484 Wire spoke wheels 1,60 x 21' 3,00 x 17' 90/90 R21 54S 130/80 R17 65S
rame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Strakes Str	front rear front rear mm mm mm	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17	Wire spoke wheels 1,60 x 21' 3,00 x 17' 90/90 R21 54S 130/80 R17 65S
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/without mirrors Seat height (without rider)	front rear front rear mm mm mm mm mm mm mm mm mm	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) Cast aluminium wheels 2,50 x 19" 3,50 x17" 110/80 R19 140/80 R 17	Wire spoke wheels 1,60 x 21 ⁴ 3,00 x 17 ⁴ 90/90 R21 54S 130/80 R17 65S 2 185
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/without mirrors Seat height (without rider) DIN unladen weight, ready for road	front rear front rear mm mm mm kg	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195	Wire spoke wheels 1,60 x 21' 3,00 x 17' 90/90 R21 54S 130/80 R17 65S 2 185
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights Fotal length Fotal width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	front rear front rear mm mm mm mm mm mm mm mm mm	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195 380	Wire spoke wheels 1,60 x 21' 3,00 x 17' 90/90 R21 54S 130/80 R17 65S 2 185
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels 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 kg	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195	Wire spoke wheels 1,60 x 21' 3,00 x 17' 90/90 R21 54S 130/80 R17 65S 2 185
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/without mirrors Seat height (without rider) DiN unladen weight, ready for road Permitted total weight Total tank capacity	front rear front rear mm mm mm kg	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195 380	Wire spoke wheels 1,60 x 21' 3,00 x 17' 90/90 R21 54S 130/80 R17 65S 2 185
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/without mirrors Seat height (without rider) DIN unladen weight, ready for road Dermitted total weight Tuel tank capacity Performance figures	front rear front rear mm mm mm kg	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195 380	Wire spoke wheels 1,60 x 21' 3,00 x 17' 90/90 R21 54S 130/80 R17 65S 2 185
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights Fotal length Fotal 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 front rear front rear front rear	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195 380 14	Wire spoke wheels 1,60 x 21 ⁴ 3,00 x 17 ⁴ 90/90 R21 54S 130/80 R17 65S 2 185
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights Fotal length Fotal width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption Fotal wispensions Fuel consumption Fotal with/without rider Fuel consumption Fotal weight Fuel consumption Fotal weight Fuel consumption Fotal weight Fuel consumption Fuel consumption Fuel consumption Fuel consumption Fuel consumption	front rear front rear front rear front rear front rear	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195 380 14	123 1 484 Wire spoke wheels 1,60 x 21" 3,00 x 17" 90/90 R21 54S 130/80 R17 65S 2 185
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights Fotal length Fotal width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption Business Fuel consumption Consumpti	front rear front rear front rear front rear front rear	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195 380 14	Wire spoke wheels 1,60 x 21 ⁴ 3,00 x 17 ⁴ 90/90 R21 54S 130/80 R17 65S 2 185
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/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption DIN (MIN) Acceleration DADO km/h Acceleration DADO km/h Acceleration DADO km/h	mm mm mm rear front mm mm kg kg l l	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195 380 14	123 1 484 Wire spoke wheels 1,60 x 21" 3,00 x 17" 90/90 R21 54S 130/80 R17 65S 2 185
Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes ABS Wheels Fyres Dimensions and weights Fotal length Fotal width with/without mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption Business Fuel consumption Consumpti	front rear front rear front rear front rear front rear	Telescopic forks with form stabiliser Boxed dual swing arm of steel sections, central spring strut actuation via lever system 170/165 113 1 477 61,9 Hydraulically actuated single disc brake, Ø 300 mm, floating two-calliper brake Hydraulically actuated single disc brake, Ø 240 mm, floating single-calliper brake BMW Motorrad ABS, ON/OFF (standard) 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) 195 380 14	210/210 123 1 484 Wire spoke wheels 1,60 x 21" 3,00 x 17" 90/90 R21 54S 130/80 R17 65S 2 185 800 (special equipment 900)

Specifications. BMW F 800 GS. BMW F 700 GS.

		BMW F 800 GS	BMW F 700 GS
Engine			
Capacity	CC	798	
Bore/stroke	mm	82/75,6	
Output	kW/bhp	63/85	55/7:
at engine Speed	rpm	7 500	7 30
Torque	Nm	83	7
at engine Speed	rpm	5 750	4 50
Type		Water cooled straight two-cylinder engine	
Compression/fuel		12,0:1/ premium unleaded (95 RON)	
\/=\:		DOHC (double overhead camshaft),	
Valve actuation		rocker arms	
Valves per cylinder		4	
Ø intake/outlet	mm	32/27,5	
Throttle valve diameter		46	
Throttle valve diameter	mm		
Carburation		Electronic manifold injection,	
		engine management BMS-KP	
Emission control		Fully controlled three-way catalytic converter	
Electrical System			
Electrical System	W	400	
Alternator			
Battery	V/Ah	12/14, maintenance-free	
Headlight		High-/low beam: Halogen12V/55W	
Rear light		Brake-/rear light: LED	
Starter	kW	0,9	
Power transmission - gearbox			
Clutch	M	ultidisc oil bath clutch, mechanically actuated	
Gearbox		Claw-shifted six-speed gearbox	
Primary ratio		1,943	
Gear transmission ratio			
Jear transmission ratio	<u> </u>	2,462	
	11	1,750	
	III	1,381	
	IV	1,174	
	V	1,042	
	VI	0,960	
Rear wheel drive		Chain	
Transmission ratio		2,625	2,412
Transmission ratio		2,020	2,111
Chassis			
Frame construction type		Tubular steel frame, load-bearing power unit	
rame construction type			T-1
Suspension, front		Upside-down telescopic fork,	Telescopic fork, fixed tube Ø 41 mr
		fixed tube Ø 43mm	
Suspension, rear		Double-strut swing arm,	
Ouspension, real		aluminium cast in one piece	
Spring travel, front/rear	mm	230/215	170/17
Wheel castor	mm	117	9
Wheelbase	mm	1 578	1 56
Steering head angle	0	64,0	1 00
Stocing riedu drigie		· · · · · · · · · · · · · · · · · · ·	
Brakes	front	Hydraulically actuated double-disc brake;	
		Ø 300 mm	
		Hydraulically actuated single-disc brake;	
	rear		
	rear	Ø 265 mm	
	rear		
Wheels	rear	Ø 265 mm	Aluminium cast wheel
Wheels		Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims	
Wheels	front	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21	2,50x1
	front rear	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17	2,50x1 3,50x1
	front rear front	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V	2,50x1! 3,50x1 110/80-R19 59 l
	front rear	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17	2,50x19 3,50x1 110/80-R19 59 F
Tyres	front rear front	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V	2,50x1 3,50x1 110/80-R19 59 I
Tyres Dimensions and weights	front rear front rear	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V	2,50x1 3,50x1 110/80-R19 59 I 140/80-R17 69 I
Tyres Dimensions and weights Total length	front rear front rear mm	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V	2,50x1 3,50x1 110/80-R19 59 i 140/80-R17 69 i
Tyres Dimensions and weights Total length Total width with/without mirrors	front rear front rear mm mm	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890	2,50x1 3,50x1 110/80-R19 59 1 140/80-R17 69 1 2 28 880/85
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider)	front rear front rear mm mm mm	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850)	2,50x1 3,50x1 110/80-R19 59 I 140/80-R17 69 I 2 28 880/85 820 (optional equipment 790
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider)	front rear front rear mm mm	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185	2,50x1 3,50x1 110/80-R19 59 I 140/80-R17 69 I 2 28 880/85 820 (optional equipment 790
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) Dry weight	front rear front rear mm mm mm	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850)	2,50x1 3,50x1 110/80-R19 59 I 140/80-R17 69 I 2 28 880/85 820 (optional equipment 790 17
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road	front rear front rear mm mm mm kg kg	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185 214	2,50x1 3,50x1 110/80-R19 59 I 140/80-R17 69 I 2 28 880/85 820 (optional equipment 790 17
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight	front rear front rear mm mm mm kg	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185 214 444	2,50x1 3,50x1 110/80-R19 59 I 140/80-R17 69 I 2 28 880/85 820 (optional equipment 790 17 20 43
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight	front rear front rear mm mm kg kg kg	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185 214	2,50x1 3,50x1 110/80-R19 59 H 140/80-R17 69 H 2 28 880/85 820 (optional equipment 790 17' 20'
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity	front rear front rear mm mm kg kg kg	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185 214 444	2,50x1; 3,50x1; 110/80-R19 59 H 140/80-R17 69 H 2 28/ 880/85; 820 (optional equipment 790; 17; 200; 43/
Tyres Dimensions and weights Total length Total width with/without mirrors 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 kg kg kg	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185 214 444	2,50x1; 3,50x1; 110/80-R19 59 F 140/80-R17 69 F 2 28 880/85; 820 (optional equipment 790 17; 20; 43i
Tyres Dimensions and weights Total length Total width with/without mirrors 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	front rear front rear mm mm kg kg kg l	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185 214 444 16	2,50x19 3,50x17 110/80-R19 59 F 140/80-R17 69 F 2 286 880/859 820 (optional equipment 790 179 200 436 16
Tyres Dimensions and weights Total length Total width with/without mirrors 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	front rear front rear mm mm kg kg kg l	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185 214 444 16	2,50x1; 3,50x1; 110/80-R19 59 H 140/80-R17 69 H 2 288 880/85; 820 (optional equipment 790; 433; 11
	front rear front rear mm mm kg kg kg l	Ø 265 mm BMW Motorrad ABS, ON/OFF (standard) Spoked wheels with aluminium rims 2,15x21 4,25x17 90/90-21 54 V 150/70-R17 69 V 2 320 920/890 880 (optional equipment: 850) 185 214 444 16	Aluminium cast wheels 2,50x19 3,50x17 110/80-R19 59 H 140/80-R17 69 H 2 288 880/855 820 (optional equipment 790 177 209 436 16

Specifications. BMW F 800 R.

Fi		BMW F 800 R
Engine		
Capacity	CC	798
Bore/stroke	mm	82/75,£
Output	kW/bhp	64/87
at engine Speed	rpm	8 000
Torque	Nm	86
at engine Speed	rpm	6 000
Туре	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		
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 converte
_mssion control		r dilly controlled trifee way catalytic converte
Electrical System		
Alternator	W	400
Battery	V/Ah	12/14, maintenance-free
	VIAII	·
Headlight		High-/low beam: Halogen 12V/55W
Rear light		Brake light: 12V/21W, rear light: 12V/5W
Starter	kW	0,9
Power transmission - gear	hox	
Clutch	~~~	Multidisc oil bath clutch, mechanically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,943
Gear transmission ratio	ı	2,462
ueai (iaii5111155101117a(10	<u>l</u>	
		1,750
	III	1,381
	IV	1,227
	V	1,130
	VI	1,042
Rear wheel drive	••	Chair
Transmission ratio		2,35
		2,33
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
Spring travel, front/rear	mm	125/125
Wheel castor		90,7
	mm	
Wheelbase	mm	1 514
Steering head angle	0	65
Brakes	front	Hydraulically actuated double disc brake, floating brake discs
		Ø 320 mm, 4-piston fixed calipe
	rear	Hydraulically actuated single disc brake, Ø 265 mm, single piston floating calipe
ABS		BMW Motorrad ABS (standard
Wheels		Aluminium cast wheels
	front	3,50 x17°
	rear	5,50 x17
Tyroo		3,30 X 17
Tyres	front	
	rear	180/55 ZR 17
Dimensions and weights		
Total length	mm	2 12
Total width (with mirrors)		
<u> </u>	mm	905
Total height	mm	1155
Seat height (without rider)	mm	800 (optional equipment: 775, 825
DIN unladen weight, ready for	road kg	202
Permitted total weight	kg	405
	.,9	16
Fuel tank capacity		
Performance figures		
Performance figures -uel consumption	1/1/00 1	
Performance figures Fuel consumption Solution	l/100 km	
Performance figures Fuel consumption 90 km/h 120 km/h	l/100 km l/100 km	
Performance figures Fuel consumption 90 km/h 120 km/h		
Performance figures Fuel consumption 90 km/h 120 km/h Acceleration	l/100 km	4,6
Performance figures Fuel consumption 90 km/h 120 km/h Acceleration 0-100 km/h	l/100 km	4,£ 3,\$
Performance figures Fuel consumption 90 km/h 120 km/h Acceleration 0-100 km/h 0-1000 m Max. speed	l/100 km	3,6 4,8 3,9 23,5 > 200

Specifications. BMW F 800 GT.

		BMW F 800 ST
Engine		
Capacity	CC	798
Bore/stroke	mm	82/75,6
Output	kW/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
		0,0
Power transmission - gearbox Clutch		Multidisc oil bath clutch, mechanically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,934
Gear transmission ratio	!	2,462
		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
		Aluminium single-sided swing arm
Suspension, rear		
Spring travel, front/rear	mm	125/125
Wheel castor	mm	94,6
Wheelbase	mm	1514
Steering head angle	0	63,8
Brakes	front	Hydraulically actuated double disc brake Ø 320 mm
	rear	Hydraulically actuated Single disc brake Ø 265 mm
		BMW Motorrad ABS (standard)
Wheels		Cast aluminium wheels
	front	3,5x17"
	rear	5,5x17"
Tyres	front	3,3x17 120/70-ZR17
Tyres	rear	120/70-2R17 180/55-ZR17
		10000 21117
Dimensions and weights		
Total length	mm	2 156
Total width with mirrors	mm	905
Seat height (without rider)	mm	800 (optional equipment: 820, 765, special equipment 845, 820, 785, 765)
DIN unladen weight, ready for road	kg	213
Permitted total weight	kg	420
Fuel tank capacity	I	15
Performance figures		
Fuel consumption		
	1/100 !	^.1
90 km/h	I/100 km	3,4
120 km/h	l/100 km	4,4
Acceleration		
0–100 km/h	S	4,0
Max. speed	km/h	>200

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

		BMW R 1200 R	BMW R 1200 R Classic
Engine			
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		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	
Ø intake/outlet	mm	39/33	
Carburation		Electronic manifold injection,	
		engine management BMS-K+	
Emission control		Fully controlled three-way catalytic converter	
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		2,375	
	ii i	1,696	
	iii	1,296	
	IV	1,065	
	V	0,939	
	VI	0,848	
Rear wheel drive	VI	Cardan drive shaft	
Transmission ratio		2,75	
Transmission ratio		2,13	
Chassis			
Frame construction type		Steel tubular space frame,	
3.		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	
Steering head angle	0	62,9	
Brakes	front	,	
Dianes	11011		
		Hydraulically actuated double disc brake,	
	roor	Ø 320 mm, radial fixed four-calliper brake	
	rear	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake,	
	rear	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake	
	rear	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS	
Mhaala	rear	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard)	wire cheke wheele
Wheels		Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels	wire spoke wheels
Wheels	front	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17"	wire spoke wheels
	front rear	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17",	wire spoke wheels
	front rear front	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17	wire spoke wheels
	front rear	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17",	wire spoke wheels
Tyres	front rear front	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17	wire spoke wheels
Tyres Dimensions and weights	front rear front rear	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17	wire spoke wheels
Tyres Dimensions and weights Total length	front rear front rear	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17	wire spoke wheels
Tyres Dimensions and weights Total length Total width with/without mirrors	front rear front rear mm mm	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17	wire spoke wheels
Tyres Dimensions and weights Total length Total width with/without mirrors Seat height (without rider)	front rear front rear mm mm mm	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750)	wire spoke wheels
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 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750)	wire spoke 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	front rear front rear mm mm mm kg kg	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BIMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750) 231 450	wire spoke 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	front rear front rear mm mm mm kg	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750)	wire spoke 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	front rear front rear mm mm mm kg kg	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BIMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750) 231 450	wire spoke 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	front rear front rear mm mm mm kg kg	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BIMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750) 231 450	wire spoke 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	front rear front rear mm mm kg kg	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750) 231 450 18	wire spoke 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	front rear front rear mm mm kg kg I/100 km	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750) 231 450 18	wire spoke wheels
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	front rear front rear mm mm kg kg	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750) 231 450 18	wire spoke wheels
Tyres Dimensions and weights Total length 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	front rear front rear mm mm kg kg I/100 km	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750) 231 450 18	wire spoke 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	front rear front rear mm mm kg kg I/100 km	Ø 320 mm, radial fixed four-calliper brake Hydraulically actuated Single disc brake, Ø 265 mm, floating two-calliper brake BMW Motorrad Integral ABS (partially integral, standard) Cast light alloy wheels 3,50 x 17" 5,50 x 17", 120/70-ZR 17 180/55-ZR 17 2 145 906/845 800 (optional equipment: 830, 760, 750) 231 450 18	wire spoke wheels

Specifications. BMW R 1200 GS.

		DAWAR 4000 OO
Engine		BMW R 1200 GS
Capacity	CC	1 170
Bore/stroke	mm	101/73
Output	kW/bhp	92/125
at engine Speed	rpm	7 700
Torque	Nm	125
at engine Speed	rpm	6 500
	Ιριτι	
Туре		Air / water cooled two-cylinder boxer engine
Compression/fuel		12,5:1 premium unleaded 95-98 RON)
Valve actuation		DOHC (double overhead camshaft)
Valves per cylinder		4
Ø intake/outlet	mm	40/34
Throttle valve diameter	mm	52
Carburation		BMS-X
Emission control		Fully controlled three-way catalytic converter
Electrical System		
Alternator	W	620
Battery	V/Ah	12/12, maintenance-free
Headlight		High-/low beam: 12V/55W Halogen / LED (optional equipment
Rear light		Break-/rear light: LED
Starter	kW	0,9
Danier transcription		
Power transmission - gearbo Clutch	X	Anti-hopping wet clutch
Gearbox		Constant mesh 6-speed gearbox
		, 0
Primary ratio		1,65
Gear transmission ratio		2,438
	<u> </u>	1,714
	III	1,296
	IV	1,059
	V	0,943
	VI	0,848
Rear wheel drive		Cardan drive shaft
Transmission ratio		2,91
Chassis		
Frame construction type		Tubular steel frame, load-bearing power unit
Suspension, front		BMW Telelever
Suspension, rear		BMW EVO Paralever
Spring travel, front/rear	mm	190 / 200
Wheel castor	mm	99,6
Wheelbase	mm	1 507
Steering head angle	0	64.5
Brakes	front	Hydraulically actuated double disc brake, Ø 305 mm
Diakes		
	rear	Hydraulically actuated single disc brake, Ø 265 mm
NA (1		BMW Motorrad Integral ABS ON / OFF (partially integral, standard)
Wheels		Cast aluminium wheels
	front	3,0 x 19"
	rear	4,5 x 17"
Tyres	front	120/70 R 19
	rear	170/60 R 17
Dimensions or describe		
Dimensions and weights		
Total length	mm	2 207
Total width mirrors	mm	953
Seat height (without rider)	mm	850/870
DIN unladen weight, ready for roa	ad kg	238
Permitted total weight	kg	450
Fuel tank capacity	I	20
Performance figures		
Fuel consumption		
90 km/h	l/100 km	4,1
120 km/h	l/100 km	5,5
Acceleration	I/ TOO KITI	5,5
0–100 km/h		
	S Ima/la	3,6
Max. speed	km/h	>200

Specifications. BMW R 1200 GS Adventure.

		BMW R 1200 GS Adventure
Engine		
Capacity	CC	1 170
Bore/stroke	mm	101/73
Output	kW/bhp	81/110
	· · · · · · · · · · · · · · · · · · ·	
at engine Speed	rpm	7 750
Torque	Nm	120
at engine Speed	rpm	6 000
Type	·	Air cooled two-cylinder boxer engine
Compression/fuel		12,0:1 premium unleaded 95-98 RON, max output with 98 RON, (optional 91 RON)
Valve actuation		DOHC (double overhead camshaft), rocker arms
Valves per cylinder		4
Ø intake/outlet	mm	39/33
Throttle valve diameter	mm	50
Carburation		Electronic manifold injection, engine management BMS-K+
Emission control		Fully controlled three-way catalytic converter
Electrical System		
Alternator	W	720
Battery	V/Ah	12/14, maintenance-free
	v //***********************************	
Headlight		High-/low beam: 12V/55W Halogen
Rear light		Break-/rear light: LED
Starter	kW	1,1
Power transmission - gearbox		
Clutch		Single disc dry clutch, Ø 180 mm, hydraulically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,737
Gear transmission ratio	I	2,375 Optional equipment: 2,600
	ll l	1,696
	iii	1,296
		1,065
		1.065
	IV	
	V	0,939
Rear wheel drive	V	0,939 0,848
Rear wheel drive	V	0,939 0,848 Cardan drive shaft
Rear wheel drive Transmission ratio	V	0,939 0,848
Transmission ratio	V	0,939 0,848 Cardan drive shaft
Transmission ratio Chassis	V	0,939 0,848 Cardan drive shaft 2,91
Transmission ratio Chassis Frame construction type	V	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit
Transmission ratio Chassis Frame construction type Suspension, front	V	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever
Chassis Frame construction type Suspension, front Suspension, rear	V	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear	V	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear	V VI	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor	V VI	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase	V VI	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1,510
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	V VI	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase	V VI	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	V VI	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	Mm mm mm o front	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1,510 65,2 Hydraulically actuated double disc brake, Ø 305 mm
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	Mm mm mm o front	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard)
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle	mm mm mm o front rear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 305 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes	mm mm mm o front rear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19"
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle Brakes	mm mm mm o front rear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17"
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels	mm mm mm o front rear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17"
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheel base Steering head angle Brakes	mm mm mm of front rear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19"
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres	mm mm mm of front rear front	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17"
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights	mm mm mm o front rear front rear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1,510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres	mm mm mm of front rear front	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5x 19" 4,0x 17"
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights	mm mm mm of front rear front rear mm	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width mirrors	mm mm mm of front rear front rear front rear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width mirrors Seat height (without rider)	mm mm mm rear front rear front rear mm	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width mirrors Seat height (without rider) DIN unladen weight, ready for road	mm mm mm rear front rear front rear mm kg	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	mm mm mm rear front rear mm mm mm mm kg kg	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width mirrors Seat height (without rider) DIN unladen weight, ready for road	mm mm mm rear front rear front rear mm kg	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight	mm mm mm rear front rear mm mm mm mm kg kg	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures Fuel consumption	mm mm mm rear front rear mm mm mm mm kg kg	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width mirrors Seat height (without rider) DIN unladen weight, ready for road Permitted total weight Fuel tank capacity Performance figures	mm mm mm rear front rear mm mm mm mm kg kg	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total width 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 rear front rear lear front lear front lear front lear lear front lear lear lear lear lear lear lear lear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Paralever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width 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 mm rear front rear front rear mm mm mm kg kg	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5x 19" 4,0x 17" 110/80 R 19 150/70 R 17
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width 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 o front rear front rear front rear I/100 km I/100 km	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Telelever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17 2 240 990 890/910 263 475 33
Transmission ratio Chassis Frame construction type Suspension, front Suspension, rear Spring travel, front/rear Wheel castor Wheelbase Steering head angle Brakes Wheels Tyres Dimensions and weights Total length Total width 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 mm rear front rear front rear lear front lear front lear front lear lear front lear lear lear lear lear lear lear lear	0,939 0,848 Cardan drive shaft 2,91 Tubular steel frame, load-bearing power unit BMW Paralever BMW Paralever 210/220 88,7 1 510 65,2 Hydraulically actuated double disc brake, Ø 305 mm Hydraulically actuated single disc brake, Ø 265 mm BMW Motorrad Integral ABS (partially integral, standard) Cross spoke wheels 2,5 x 19" 4,0 x 17" 110/80 R 19 150/70 R 17

Specifications. BMW R 1200 RT.

Engine		BMW R 1200 RT
Capacity		1170
	CC	
Bore/stroke	mm	101/73
Output	kW/bhp	81/110
at engine Speed	rpm	7500
Torque	Nm	120
at engine Speed	rpm	6000
Type	· piii	Air cooled two-cylinder boxer engine
Compression/fuel		12,0:1 premium unleaded 95-98 RON, max output with 98 RON
Valve actuation		DOHC (double overhead camshaft), rocker arms
Valves per cylinder		4
Ø intake/outlet	mm	39/33
Throttle valve diameter	mm	50
	1111111	
Carburation		Electronic manifold injection, engine management BMS-K+
Emission control		Fully controlled three-way catalytic converter
Electrical System		
Alternator	W	720
Battery	V/Ah	12/19, maintenance-free
Headlight		High-/low beam: Halogen 12V/55W
Rear light		Brake-/rear light: 12V/21W
Starter	kW	1,2
		,
Power transmission - gearbo)X	01111111111.
Clutch		Single disc dry clutch, Ø 180 mm, hydraulically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,737
Gear transmission ratio	I	2,375
deal transmission ratio	<u>'</u> 	1,696
	III	1,296
	IV	1,065
	V	0,939
	VI	0,848
Rear wheel drive	VI	Cardan drive shaft
Transmission ratio		2,62
Chassis		T. b. 1 1 1 for 1 1 b
Frame construction type		Tubular steel frame,load-bearing power unit
Suspension, front		BMW Telelever
Suspension, rear		BMW Paralever
Spring travel, front/rear	mm	120/135
Wheel castor		109,9
	mm	
Wheelbase	mm	1485,6
Steering head angle	0	63,4
Brakes	front	Hydraulically actuated double disc brake, Ø 305 mm
	rear	Hydraulically actuated single disc brake, Ø 265 mm
	1001	DMM/Materred leternel ADC /tielly internel along
		BMW Motorrad Integral ABS (partially integral, standard)
Wheels		Cast light alloy wheels
	front	3,5 x 17"
	rear	5,0 x 17"
Tyres	front	120/70 ZR 17
. ,	rear	180/55 ZR 17
	IGai	100/33 ZR 17
Dimensions and weights		
Total length	mm	2230
Total width with mirrors	mm	905
Seat height (without rider)	mm	Standard: 820-840 / optional: 780–800
		optional lowered, 750
		special equipment extra-low seat, 765
		special equipment comfort seat, 785
DIN unladen weight, ready for ro	ad ka	259 (without panniers)
	<u> </u>	· · · ·
Dry weight	kg	229
Permitted total weight	kg	495
Fuel tank capacity	<u> </u>	25
Doufoumon fi		
Performance figures		
Fuel consumption		
90 km/h	l/100 km	4,1
120 km/h	l/100 km	5,2
Acceleration		
0–100 km/h	S	3,8
Max. speed	km/h	>200

Specifications. BMW K 1300 S.

		BMW K 1300 S
Engine		
Capacity	CC	1 293
Bore/stroke	mm	80/64,3
Output	kW/bhp	129/175
at engine Speed	rpm	9 250
Torque	Nm	140
		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	111111	
		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		High-/low beam: Halogen 12V/55W
Rear light		Brake-/rear light: LED
Starter	kW	0,7
Dower transmission goarhay		
Power transmission - gearbox Clutch		Multidisc clutch in oil bath, hydraulically actuated
Gearbox		Claw-shifted six-speed gearbox
		· •
Primary ratio		1,559
Gear transmission ratio		2,398
	II	1,871
	III	1,525
	IV	1,296
	V	1,143
	VI	1,015
Dear wheel drive	VI	Cardan drive shaft
Rear wheel drive		
Transmission ratio		2,82
01		
Chassis		
Frame construction type		Aluminium bridge frame, load bearing power unit
Suspension, front		BMW Motorrad Duolever,
		central spring strut
Suspension, rear	Cas	st aluminium single swing arm with BMW Motorrad Paralever; central spring strut with lever
	SVS	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		104,4
	mm	
Wheelbase	mm	1 585
Steering head angle	0	60,4
Brakes	front	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 (partially integral, standard)
Wheels		Cast aluminium wheels
***************************************	front	3,50 x 17"
	front	
_	rear	6,00 x 17"
Tyres	front	120/70 ZR 17
	rear	190/55 ZR 17
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 (optional equipment: 730)
Permitted total weight Fuel tank capacity	kg I	<u>460</u> 19
a doi: tallit dapatolity	1	13
Performance figures		
Fuel consumption		
90 km/h	l/100 km	4,7
120 km/h	l/100 km	5,3
Acceleration	# 100 IVIII	5,0
0–100 km/h		20
	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	140
at engine Speed	rpm	8 250
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		A
Ø intake/outlet	mm	32/27,5
Throttle valve diameter	mm	<u> </u>
Carburation	111111	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	V//-W1	High-/low beam: 12V/55W Halogen
Rear light		Brake-/rear light: LED
Starter	kW	Diake-real light: LED 0,7
<u>Glarial</u>	NVV	<u> </u>
Power transmission - gearbox		
Clutch		Multidisc clutch in oil bath, hydraulically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,559
Gear transmission ratio	I	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		2,91
Chassis		
Frame construction type		Aluminium bridge frame, load bearing power unit
Suspension, front		BMW Motorrad Duolever,
,		central spring strut
Suspension, rear	Ca	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
Spring travel, front/rear	mm	115/135
Wheel castor	mm	104,4
Wheelbase	mm	1 585
Steering head angle	0	60.4
Brakes	front	Hydraulically actuated double-disc brake, floating brake discs,
Dianes	HOH	Ø 320 mm, four-piston fixed calliper
	rear	Hydraulically actuated single-disc brake, Ø 265 mm, double-piston floating calliper
ABS	ıcaı	BMW Motorrad Integral ABS (partially integral, standard)
Wheels		
VVIIGEIG	front	Cast aluminium wheels 3,50 x 17"
	front	5,50 x 17"
Tyroo	rear	
Tyres	front	120/70 ZR 17
	rear	180/55 ZR 17
Dimensions and weights		
	20.00	2.000
Total length	mm	2 228
Total width with mirrors	mm	856 000 (antiqual antiquant 700)
Seat height (without rider)	mm	820 (optional equipment: 790)
DIN unladen weight, ready for road	kg	247
Permitted total weight	kg	460
Fuel tank capacity		
Performance figures		
Fuel consumption		
90 km/h	l/100 km	5,0
120 km/h	l/100 km	5,8
Acceleration		<u> </u>
0–100 km/h	S	2,9
0–1000 m	S	19,5
Max. speed	km/h	>200
эрооч	13(1)/(1)	>200

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

120 km/h l/100 km 5,7 5,5 Acceleration 0-100 km/h s 3,2 3,4 0-1000 m s 21,4 21,6			BMW K 1600 GT	BMW K 1600 GTL
Booletonic	Engine			
Output	Capacity	cc	1 649	
International Control	Bore/stroke	mm	72/67,5	
Torque		kW/bhp		
	at engine Speed	rpm		
Type		Nm	175	
12.21 premium unleaded (05 RON	at engine Speed	rpm	5 250	
DOHC (double overhead carehafet),	Type		Water cooled 6-cylinder in-line engine	
Succession Suc	Compression/fuel		12.2:1 / premium unleaded (95 RON	
Values per cylinder	Valve actuation		DOHC (double overhead camshaft),	
## 1			bucket tappets	
## 1	Valves per cylinder		4	
Electronic foul Flectronic feel Flectronic		mm	29/24,8	
Gigital motor electronics BMS-X	Throttle valve diameter	mm	·	
Betrical System	Carburation		Electronic fuel injection.	
Fully controlled three-way catalytic converter				
Received System Alternator W	Emission control	-		
Alternator Battery ViAh 12/19, maintenance-free Headlight Low bearn: Xenon 12/V/35W High beam: Halogen 12/V/35W Parking light: light rings Rear light Brake-frear light: LED Starter KW O,7 Power transmission - gearbox Clutch Multidisc clutch in oil bath, hydraulically actuated Cearbox Claw-shifted six-speed gearbox, helical-touthed Primary ratio Clary-shifted six-speed gearbox, helical-touthed Primary ratio Final 1				
Alternator Battery ViAh 12/19, maintenance-free Headlight Low bearn: Xenon 12/V/35W High beam: Halogen 12/V/35W Parking light: light rings Rear light Brake-frear light: LED Starter KW O,7 Power transmission - gearbox Clutch Multidisc clutch in oil bath, hydraulically actuated Cearbox Claw-shifted six-speed gearbox, helical-touthed Primary ratio Clary-shifted six-speed gearbox, helical-touthed Primary ratio Final 1	Electrical System			
Battery		W	580	
Headlight				
High beam: Halogen 12V/ISSW Parking light: LED Starter		*// 4.		
Parking Light Light rings				
Rear light Brake-frear light: LED				
Starter KW 0,7	Rear light			
Power transmission - gearbox Clutch Multidisc clutch in oil bath, hydraulically actuated Claw-shifted six-speed gearbox, helical-toothed Primary ratio 1 2,230		k۱۸/	<u> </u>	
Clutch Multidisc clutch in oil bath, hydralically actuated Gearbox Claw-shifted six-speed gearbox, helical toothed		174.4	J,1	
Clutch Multidisc clutch in oil bath, hydralically actuated Gearbox Claw-shifted six-speed gearbox, helical toothed	Dower transmission - gearbox			
Suppression Frame Carden shaft of the Suppression Frame Frame			Multidies clutch in ail bath	
Claw-shifted six-speed gearbox, helical-toothed	Olutori			
Primary ratio	Coarboy			
Primary ratio Gear transmission ratio I	Gearbox			
	Priman (ratio			
II		1		
III	deal transmission ratio	· · · · · · · · · · · · · · · · · · ·	·	
V				
V				
Rear wheel drive				
Cardan Shaft drive Cardan Shaft				
Chassis Frame construction type Main frame: chill-cast rear frame: aluminium, extruded sections Suspension, front BMW Motorrad Duolever Suspension, front BMW Motorrad Paralever Spring travel, front/rear mm 125/135 Wheel castor mm 108,4 Wheelbase mm 1680 Steering head angle ° 62,2 Brakes front Hydraulically actuated double-disc brake, Ø 320mm, radial 4-piston fixed caliper ABS BMW Motorrad Integrial ABS (partially integrial, standard) Wheels BMW Motorrad Integrial ABS (partially integrial, standard) Wheels Cast aluminium wheels Tyres front 1,2070 2R 17 Tyres front 12070 2R 17 Tyres front 12070 2R 17 Total length mm 2,324 2,485 Total length (without rider) mm 810-830 (SA: 780-800, S2: 750, 780) 750 (optional equipment: 780 special equipment: 780 speci		VI		
Chassis Frame construction type Main frame: aluminium, extruded sections Suspension, front BMW Motorrad Duolever Suspension, rear BMW Motorrad Duolever Suspension, rear BMW Motorrad Duolever Suspension, rear BMW Motorrad Paralever Spring travel, front/rear mm 108,4 Wheel castor mm 1 680 Wheel castor mm 1 680 Steering head angle ° 62,2 Brakes front Hydraulically actuated double-disc brake, Ø 320mm, tadial 4-piston fixed caliper ABS Brakes front Hydraulically caltured single-disc brake, Ø 320mm, 2-piston fixed caliper ABS BWM Motorrad Integral ABS (partially integral, standard) Secondary (partially integral, standard) Wheels Cast aluminium wheels front 3,50 x 17° Tear Tyres front 12070 2R 17 Tear Tyres front 12070 2R 17 Tear Total width with/without mirrors mm 100,980 Seat height (without r				
Suspension, front	Transmission ratio		2,75	
Suspension, front				
Rear frame: aluminium, extruded sections				
Suspension, front	Frame construction type			
Suspension, rear BMW Motorrad Paralever Spring travel, front/rear mm 125/135 Sheet Spring travel, front/rear mm 108,4 Steering head angle 62,2 Steering head angle 6 62,2				
Spring travel, front/rear mm 125/135	 			
Wheel castor mm 108,4 Wheelbase mm 1 680 Steering head angle ° 62,2 Brakes front Hydraulically actuated double-disc brake, Ø 320mm, radial 4-piston fixed caliper Hydraulically actuated single-disc brake, Ø 320mm, 2-piston fixed caliper ABS BMW Motorrad Integral ABS (partially integral, standard) Wheels Cast aluminium wheels front 3,50 x 17" Tyres front 120/70 ZR 17 rear 190/55 ZR 17 Dimensions and weights Total length mm 2 324 2 485 Total width withwithout mirrors mm 1000/980 750 (optional equipment: 780 special equipment: 780 spec				
Wheelbase mm 1 680 Steering head angle ° 62,2 Brakes front Hydraulically actuated double-disc brake, Ø 320mm, radial 4-piston fixed caliper Read of Steering head angle rear Hydraulically actuated single-disc brake, Ø 320mm, 2-piston fixed caliper ABS BMW Motorrad Integral ABS (partially integral, standard) Wheels Cast aluminium wheels front 3,50 x 17" Tyres front 120/70 ZR 17 Tyres Tyres	Spring travel, front/rear	mm	125/135	
Steering head angle ° 62,2 Brakes Front front Hydraulically actuated double-disc brake, Ø 320mm, radial 4-piston fixed calipper ABS BMW Motorrad Integral ABS (partially integral, standard) BMW Motorrad Integral ABS (partially integral, standard) Wheels Cast aluminium wheels Front 3,50 × 17" Tear Tyres front 120/70 ZR 17 Total length Dimensions and weights mm 2,324 2,485 Total length (without nirrors mm 1000/980 Seat height (without rider) mm 810-830 (SA: 780-800, SZ: 750, 780) 750 (optional equipment: 780 special equipm	Wheel castor	mm	108,4	
Brakes Front Hydraulically actuated double-disc brake, Ø 320mm, radial 4-piston fixed caliper	Wheelbase		1 680	
March Marc	Steering head angle	0	62,2	
Hydraulically actuated single-disc brake, Ø 320mm, 2-piston fixed calipler	Brakes	front	Hydraulically actuated double-disc brake,	
March Marc				
BMW Motorrad Integral ABS (partially integral, standard)		rear	Hydraulically actuated single-disc brake,	
Cast aluminium wheels Cast aluminium wheels			Ø 320mm, 2-piston fixed caliper	
Cast aluminium wheels	ABS		BMW Motorrad Integral ABS	
Cast aluminium wheels			(partially integral, standard)	
Front 3,50 x 17"	Wheels			
Tyres		front		
Tyres				
Total length	Tyres		,	
Dimensions and weights	<i>y</i>			
Total length		1001	130103 211 17	
Total length	Dimensions and weights			
Total width with/without mirrors mm 1000/980		mm	2 22/	2 // 00
Seat height (without rider)				2 403
Special equipment: 780/800, 810/830				750 (antional equipment: 790
DIN unladen weight, ready for road kg 332 348 (incl. pannier, topcase Permitted total weight kg 540 560 Fuel tank capacity I 24 26,5 Performance figures Fuel consumption 90 km/h 4,5 4,6 120 km/h 1/100 km 5,7 5,5 Acceleration 1000 km/h s 3,2 3,4 0-1000 m s 21,4 21,6	ocat height (without huel)	111111	010-000 (OA. 100-000, 32. 130, 100)	
Permitted total weight kg 540 560 Fuel tank capacity I 24 26,5 Performance figures Fuel consumption 90 km/h 4,5 4,6 120 km/h 1/100 km 5,7 5,5 Acceleration 0-100 km/h s 3,2 3,4 0-1000 m s 21,4 21,8	DIN upladen woight roady for road	ka	222	
Fuel tank capacity I 24 26,5 Performance figures Fuel consumption 90 km/h I/100 km 4,5 4,6 120 km/h I/100 km 5,7 5,5 Acceleration 0-100 km/h s 3,2 3,4 0-1000 m s 21,4 21,6				1 1 1 1
Performance figures Fuel consumption 90 km/h 1/100 km 4,5 4,6 4,5 1/100 km 1/100 km 5,7 5,5 5,5 5,5 5,5 4,6				
Fuel consumption 90 km/h 1/100 km 4,5 4,6 120 km/h 1/100 km 5,7 5,8 Acceleration 0-100 km/h s 3,2 3,4 0-1000 m s 21,4 21,6	пиенталік сарасіту	I	24	26,5
Fuel consumption 90 km/h 1/100 km 4,5 4,6 120 km/h 1/100 km 5,7 5,8 Acceleration 0-100 km/h s 3,2 3,4 0-1000 m s 21,4 21,6	Darformanac fizures			
90 km/h l/100 km 4,5 4,6 120 km/h l/100 km 5,7 5,5 Acceleration 0-100 km/h s 3,2 3,4 0-1000 m s 21,4 21,6				
120 km/h l/100 km 5,7 5,5 Acceleration 0-100 km/h s 3,2 3,4 0-1000 m s 21,4 21,6				
Acceleration S 3,2 3,4 0-100 km/h s 21,4 21,6				4,6
0–100 km/h s 3,2 3,4 21,4 21,5		l/100 km	5,7	5,9
0–1000 m s 21,4 21,5	Acceleration			
0–1000 m s 21,4 21,5	0–100 km/h	S	3,2	3,4
			21,4	21,8
	Max. speed	km/h	>200	>200

Specifications. BMW S 1000 RR.

		BMW S 1000 RR
Engine		
Capacity	CC	999
Bore/stroke	mm	80/49,7
Output	kW/bhp	142/193
at engine Speed	rpm	13 000
Torque	Nm	112
t an aire Conned		9 750
at engine Speed	rpm	
Туре		Water cooled straight 4-cylinder engine
Compression/fuel		13:1/min. premium unleaded (95 RON
/alve actuation		DOHC (double overhead camshaft) valves operated by single rocker arm beneath engine
Valves per cylinder		DOTTO (addition overhead currishart) valves operated by single rocker arm beneath engine
Ø intake/outlet	mm	33,5/27,2
Throttle valve diameter	mm	48
Carburation		Electronic fuel injection, digital motor electronics BMS-Ki
mission control		Two fully controlled three-way catalytic converter
Electrical System		
Alternator	W	35(
Battery	V/Ah	14/10 or 12, maintenance-free
-leadlight	W	High-/low beam: Halogen 12V/55W
Rear light		Brake-/rear light: LED
Starter	kW	0,1
Power transmission - gearbox		
<u> </u>		Multi dice anti hannina ail bath alutah maabanisally satustas
Clutch		Multi-disc anti-hopping oil bath clutch, mechanically actuated
Gearbox		Claw-shifted six-speed gearbox
Primary ratio		1,652
Gear transmission ratio	I	2,64
	<u> </u>	2,09
	III	1,72
	IV	1,500
	V	1,360
	VI	1,26
5 1 1. 12	VI	
Rear wheel drive		Chair
Transmission ratio		2,647
Chassis		
Frame construction type		Aluminium bridge frame
Suspension, front		Upside-down fork, fixed tube Ø 46 mn
Suspension, rear		Double swing arm with central spring strut in spring base, adjustable inbound and rebound
		action
Spring travel, front/rear	mm	120/130
Wheel castor		98,1
	mm	
Wheelbase	mm	1 422,7
Steering head angle	0	60
Brakes Srakes	front	Hydraulically actuated double disc brake with BMW disc mount, Ø 320 mm
		radial 4-piston fixed calliper
	rear	Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating callipe
ABS		BMW Motorrad Race ABS
400		
		(partly integral, standard
Wheels		Cast aluminium wheel:
	front	3,50 x 17
	rear	6,00 x 17
Tyres	front	120/70 ZR 1
Tyles		100/55 7D 1°
	rear	190/55 ZR 17
		190/55 ZR 13
Dimensions and weights	rear	
Dimensions and weights Fotal length	rear	2 050
Dimensions and weights Fotal length Fotal width with mirrors	rear mm mm	2 05i 82i
Dimensions and weights Fotal length Fotal width with mirrors Seat height (without rider)	rear	2 05 82 82
Dimensions and weights Fotal length Fotal width with mirrors Seat height (without rider)	mm mm mm	2 05i 82i 82i
Dimensions and weights Fotal length Fotal width with mirrors Seat height (without rider) Dry weight	mm mm mm kg	2 05 82 82 180,5 (with Race ABS
Dimensions and weights Fotal length Fotal width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road	mm mm mm kg	2 05 82i 82i 180,5 (with Race ABS 206,5 (with Race ABS
Dimensions and weights Fotal length Fotal width with mirrors Seat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight	mm mm mm kg	2 05/ 82/ 82/ 180,5 (with Race ABS 206,5 (with Race ABS 40/
Dimensions and weights Fotal length Fotal width with mirrors Geat height (without rider) Dry weight DIN unladen weight, ready for road Permitted total weight Fuel tank capacity	mm mm mm kg	2 05 82 82 180,5 (with Race ABS 206,5 (with Race ABS 40
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 Performance figures	mm mm mm kg	2 05 82 82 180,5 (with Race ABS 206,5 (with Race ABS 40
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 kg kg kg	2 05 82 82 180,5 (with Race ABS 206,5 (with Race ABS 40 17,
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 Fuel consumption O km/h	mm mm kg kg l	2 05 82 82 180,5 (with Race ABS 206,5 (with Race ABS 40 17,
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 Fuel consumption O km/h	mm mm kg kg kg	2 05 82 82 180,5 (with Race ABS 206,5 (with Race ABS 40 17,
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 Fuel consumption By km/h Fuel km/h	mm mm kg kg l	2 05 820 820 180,5 (with Race ABS 206,5 (with Race ABS 40: 17,
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 90 km/h 120 km/h Acceleration	mm mm kg kg kg	2 056 826 826 180,5 (with Race ABS 206,5 (with Race ABS 40: 17,5
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 Book m/h Acceleration D-100 km/h	rear mm mm kg kg l l l/100 km l/100 km	2 05 82: 82: 180,5 (with Race ABS 206,5 (with Race ABS 40 17, 5, 5,
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 90 km/h 120 km/h Acceleration 0–100 km/h 0–1000 m Max. speed	mm mm kg kg kg	2 05 820 820 180,5 (with Race ABS 206,5 (with Race ABS 40: 17,

Specifications. BMW HP4.

Frantis		BMW HP4
Engine		000
Capacity	CC	999
Bore/stroke	mm	80/49,7
Output	kW/bhp	142/193
at engine Speed	rpm	13 000
Torque	Nm	112
at engine Speed	rpm	9 750
Туре	·	Water cooled in-line 4-cylinder engine
Compression/fuel		13:1/min. premium unleaded (95 RON)
Valve actuation		DOHC (double overhead camshaft) valves operated by single rocker arm beneath engine
Valves per cylinder		DOTTO (doduble overhead carrishart) valves operated by single rocker arm beneath engine
Valves per cylinder		90.507-0
Ø intake/outlet	mm	33,5/27,2
Throttle valve diameter	mm	48
Carburation		Electronic fuel injection, digital motor electronics BMS-KP
Emission control		Two fully controlled three-way catalytic converters
Floories Contains		
Electrical System	147	050
Alternator	W	350
Battery	V/Ah	14/10 or 12, maintenance-free
Headlight	W	High-/low beam: Halogen 12V/55W
Rear light		Brake-/rear light: LED
Starter	kW	0,8
		·
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	I	2,6471
	<u> </u>	2,091
	— ii	1,727
	IV	1,500
	V	1,360
	VI	1,261
Rear wheel drive		Chain
Transmission ratio		2,647
Chassis		
Frame construction type Suspension, front		Aluminium bridge frame USD dork with DDC, fixed fork, Ø 46 mm, damping electronically adjustable, spring preload adjustable
Suspension, rear	D	ouble swing arm with DDC central spring strut,compression and rebound stage electronically adjustable, spring preload adjustable
Spring travel, front/rear	mm	120/130
Wheel castor		98,5
	mm	
Wheelbase	mm °	1 422,7
Steering head angle		66
Brakes	front	Hydraulically actuated double disc brake, 9x floating Ø 320 mm, radial monoblock 4-piston fixed caliper
	rear	Hydraulically actuated single disc brake, Ø 220 mm, single-piston floating caliper
ABS		BMW Motorrad Race ABS
7120		(partly integral, standard)
Whools		" , , ,
Wheels	frant	Forged wheels 3,50 x 17"
	front	
	rear	6,00 x 17"
Tyres	front	120/70 ZR 17
	rear	200/55 ZR 17
Dimensions and weights		
Total length	mm	2 056
Total width with mirrors	mm	826
Seat height (without rider)	mm	820
Dry weight	kg	169 (with Race ABS)
DIN unladen weight, ready for road	kg	199 (with Race ABS)
Permitted total weight	kg	407,5
Fuel tank capacity	Ĭ	17,5
Doubourse		
Performance figures		
Fuel consumption	1/4.00 :	
90 km/h	I/100 km	5,7
120 km/h	I/100 km	5,9
TZO KITI/IT	# 100 Hill	
Acceleration	S	2,9
Acceleration 0–100 km/h		<u>2,9</u> 17,9
Acceleration 0-100 km/h 0-1000 m Max. speed	S	2,9 17,9 >200