

## Technical data sheets BMW Motorrad

Date: 25.05.2018 MY 2019  
Status: approved

### C 400 X

#### Engine

Type	Water-cooled single cylinder 4 stroke engine, 4 valves per cylinder, overhead camshaft with rocker arm, wet sump lubrication
Bore / stroke	80 mm x 69,6 mm
Capacity	350 ccm
Rated output	25 kW (34 hp) at 7.500 rpm
Max. torque	35 Nm at 6.000 rpm
Compression ratio	11,5:1
Mixture control / engine management	BMS-E2 digital engine management
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-4

#### Performance / fuel consumption

Maximum speed	139 km/h
Fuel consumption per 100 km based on WMTC	3,51 l
CO <sub>2</sub> emission based on WMTC	81 g/km
Fuel type	Unleaded super 95 (ROZ), E10 compatible

#### Electrical system

Alternator	Permanent Magnet generator 316 W
Battery	12 V / 9 Ah, maintenance-free
Starter	500 Watt

#### Power transmission

Clutch	Centrifugal dry clutch
Gearbox	Stepless CVT gearbox
Secondary Drive	Two step spur gearing

#### Chassis / brakes

Frame	Steel tube construction with aluminum die cast unit
Front wheel location / suspension	Telescopic front fork Ø 35 mm
Rear wheel location / suspension	Double aluminum swingarm, double springs struts, adjustable preload
Suspension travel, front / rear	110 mm / 112 mm
Wheelbase	1.565 mm
Castor	81 mm
Steering head angle	63,6°
Wheels	Aluminum cast wheels
Rim, front	3.50 x 15"
Rim, rear	4.25 x 14"
Tyre, front	120/70 15
Tyre, rear	150/70 14
Brake, front	Double disc brake, rigid, diameter 265 mm, 4-piston calipers
Brake, rear	Single disc brake, diameter 265 mm, 1-piston floating caliper
ABS	BMW Motorrad ABS

#### Dimensions / weights

Seat height	775 mm
Inner leg curve	1.760 mm
Usable tank volume	12,8 l
Reserve	4 l
Length (over mark carrier)	2.210 mm
Height (over windshield, at unladen weight (DIN))	1.305 mm
Width (incl. mirrors)	835 mm
Unladen weight, road ready, fully fuelled 1)	204 kg (dry weight 193 kg)
Permitted total weight	405 kg
Payload (with standard equipment)	201 kg

#### Equipment (in parts)

Standard equipment	BMW Motorrad ABS, stainless steel exhaust system, LED headlight, tail light and turn indicators, flex-case, ASC (Automatic Stability Control), center stand
Optional equipment (OE)	Comfort package (heated hand grip, heated seat)
Optional accessories (OA)	Connectivity package (colour TFT display, multi-controller, associated apps) LED daytime riding light, Keyless ride, anti-theft alarm Top case variants, luggage carrier, windshield variants, low seat 760 mm, scooter canopy, BMW navigator, Bracket for BMW Motorrad navigator/Smartphone, dual USB charger, engine protection bar incl. bracket for LED additional light

#### Technical data relate to the unladen weight (DIN)

1) According to guideline VO (EU) 168/2013 with all fluids, with standard equipment and fuelled with at least 90% of usable tank volume.