

## Technical data sheets BMW Motorrad

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MY 2022

### 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 5.750 rpm   |
| Compression ratio                   | 11.5:1   |
| Mixture control / engine management | BMS-ME digital engine management, Ride by Wire   |
| Emission control                    | Closed-loop 3-way catalytic converter, emission standard TIER2 according to FTP75  |

#### Performance / fuel consumption

|   |   |
|---|---|
| Maximum speed                             | 139 km/h  |
| Fuel consumption per 100 km based on WMTC | 3.5l  |
| CO <sub>2</sub> emission based on WMTC    | 81 g/km   |
| Fuel type                                 | Regular unleaded min. 87 AKI (91ROZ, max. 15% ethanol, E15) |

#### 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 bridge frame   |
| Front wheel location / suspension | Telescopic front fork Ø 35 mm  |
| Rear wheel location / suspension  | Double aluminium swingarm, stereo suspension unit, spring preload adjustable |
| Suspension travel, front / rear   | 110 mm / 112 mm  |
| Wheelbase                         | 1,560 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                                   | 1,762 mm |
| Usable tank volume                                | 12,8 l   |
| Reserve   | 3 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)      | 206 kg   |
| Permitted total weight                            | 405 kg   |
| Payload (with standard equipment)                 | 199 kg   |

#### Equipment (in parts)

|                           |   |
|---------------------------|---|
| Standard equipment        | BMW Motorrad ABS, stainless steel exhaust system, LED headlight, tail light and turn indicators, flex-case, self calibrating ASC (Automatic Stability Control), center stand  |
| Optional equipment (OE)   | Comfort package (heated hand grip, heated seat)<br>Connectivity package (colour TFT display, multi-controller, associated apps)<br>LED daytime riding light, Keyless ride, anti-theft alarm   |
| Optional accessories (OA) | Top case and tail bag 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.  
(only OE-USPs compared to competition)