

## BMZ RS - E-BIKE ENGINE

High-Performance power unit  
112 Nm max. for every operation



E-MOBILITY



DRIVE  
SYSTEMS



ENERGY STORAGE  
SYSTEMS



POWER- AND  
GARDENTOOLS



INDUSTRIAL



MEDICAL

# BMZ RS

## The New E-Engine Generation



### THREE ENGINES FOR EVERY OPERATION!

#### BMZ RS SPORT E25/E45

Highly dynamic sports engine

Extreme torque 112 Nm =  
Best in class

Good and fine dosing work in  
Responsiveness

No overrun (does not push  
further e.g. at uphill)

#### BMZ RS COMFORT

Comfort engine (city and SUV  
bikes)

Full performance with low  
cadence

High elasticity

Very long range

#### BMZ RS CARGO

Pick-Up (commerical vehicles,  
urban, family)

Immediately available high  
torque

Very robust Start & Stop  
processes

Strong thrust when fully  
loaded

### GENERAL CHARACTERISTICS OF THE BMZ RS ENGINE

- Strong acceleration - high torque at low cadence
- Slim design
- Two overrunning clutches for maximum driving comfort
- More efficiency through 48V operating voltage
- The engine already performs 700W at a cadence of 60
- Max. power permanent available without unintentional derating because of intelligent heat management
- CAN and Bluetooth interface for standardized and secure communication including service tool
- Made in Europe

BMZ GmbH

Zeche Gustav 1  
63791 Karlstein am Main  
Germany

P: +49 6188-9956-0  
E: [mail@bmz-group.com](mailto:mail@bmz-group.com)  
[www.bmz-group.com](http://www.bmz-group.com)



©BMZ 07.2020

All rights reserved. Preliminary data sheet. Although we have taken great care in preparing this document, BMZ does not accept any responsibility for errors or omissions. All information included here may be changed at any time without prior notification.