

Bavarian Engine System Tester 60 kW

BEST - 60

Technical data:

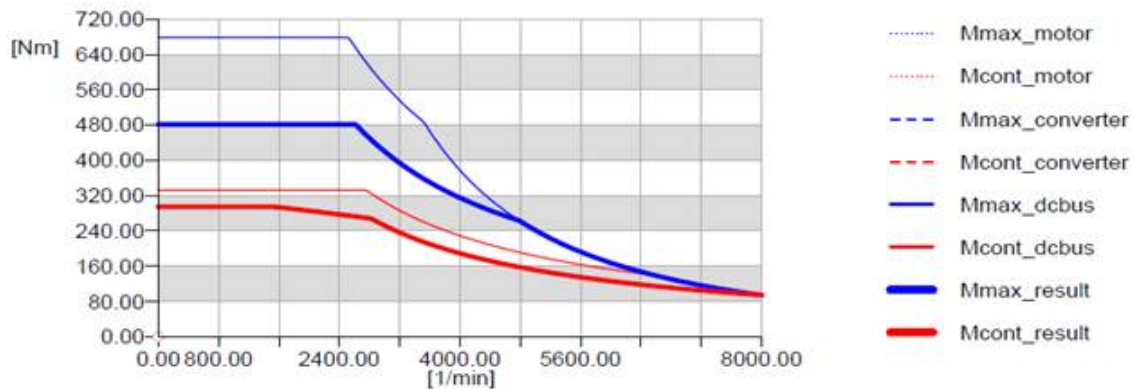
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|--------------------------------------|---------------------------------------------------------------------------------------------------|
| Rated power | 60 kW |
| Rated speed | 2.000 rpm |
| Max. speed | 8.000 rpm |
| Rated torque | 285 Nm |
| Max. torque | 677.4 Nm |
| Motor | Asynchronous servo motor |
| Effective test set-up | No gear between the loading and test motor |
| Materials | Metal 5 copper rails for grounding with threaded inserts and wing bolts length of copper rails |
| Dimensions (L x W x H) | 2.5 m x 1.2 m x 1.5 m |
| Height of tabletop plate | 0.9 m |
| Height of motor-shaft above tabletop | 310 mm |
| Voltage | 400 VAC; 50 Hz / 60 Hz; 3-phase |
| Current consumption | max. 250 A |
| Required RCD | 300 mA |
| Control cable | Fiber optic lines |
| Remote control via | LAN (TCP/IP) |
| Interference suppression | 20 dB under limits DIN EN 55011/A11:2021-03 class B |
| Temperature working range | 10°C – 35°C |
| Total weight | approx. 2200 kg |
| Accessories | Service manual Adapter flange for test motor Power supply cable |

Brief description

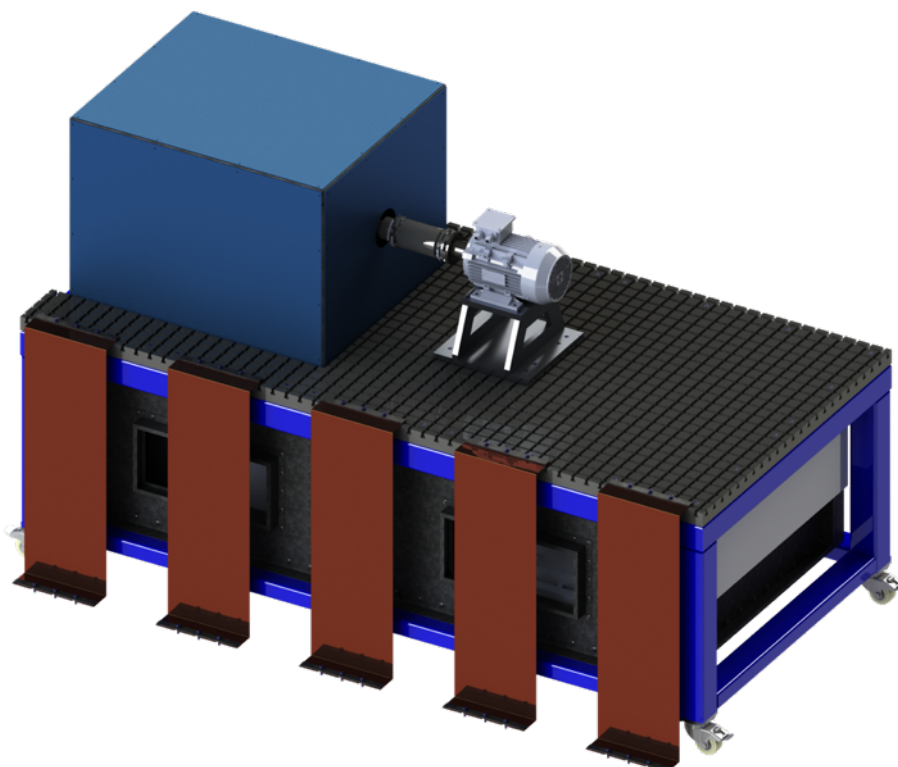
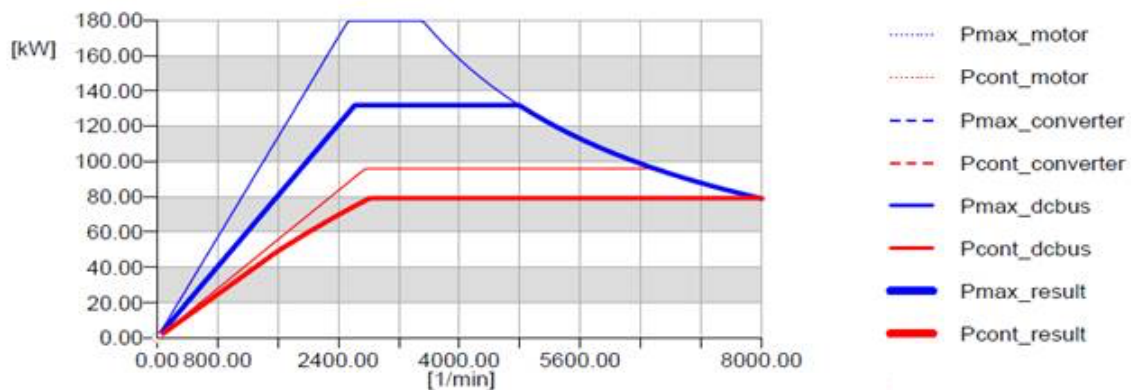
The **Bavarian Engine System Tester** is especially designed as freestanding test stand for installation in electromagnetic absorption chambers in combination with a CISPR test table for component testing according to DIN EN 55025:2018-03 (CISPR 25:2016 + COR1:2017). The table surface is a cross-slotted table for easy mounting of the test motors with a working surface of approx. 1.2 m x 1.2 m.

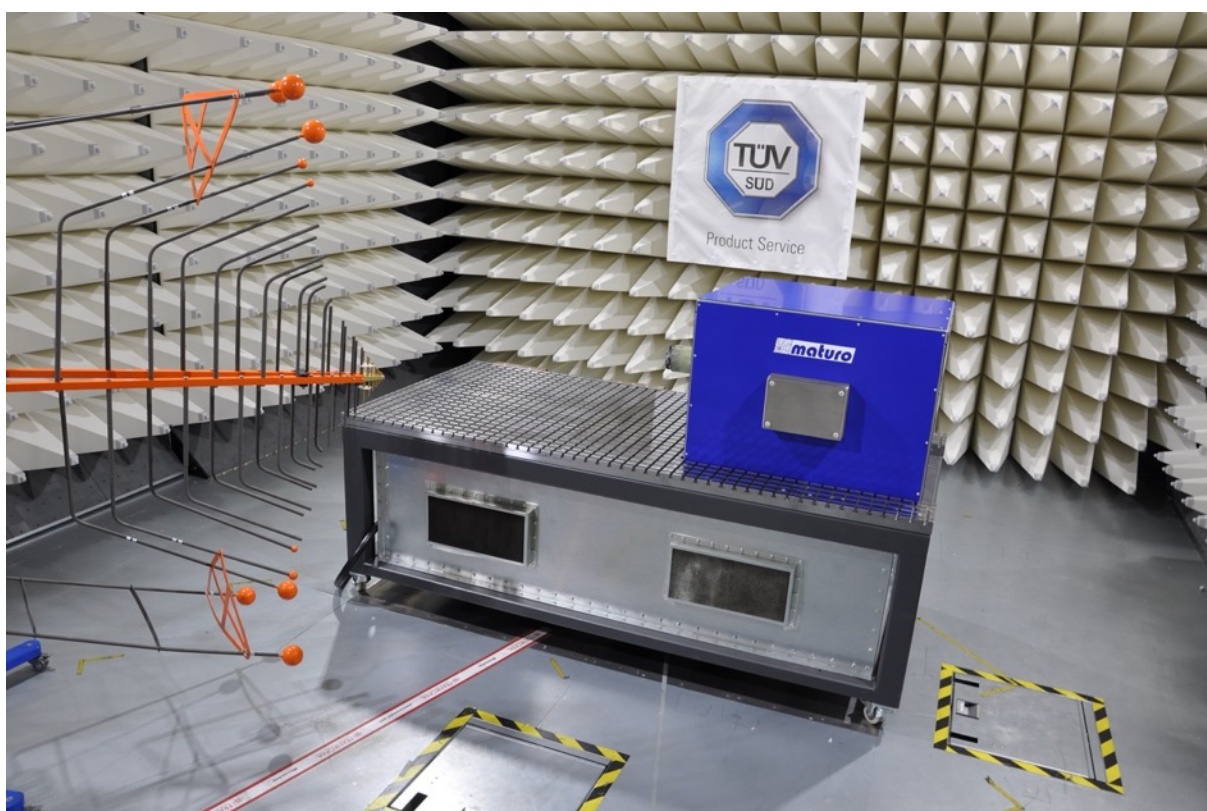
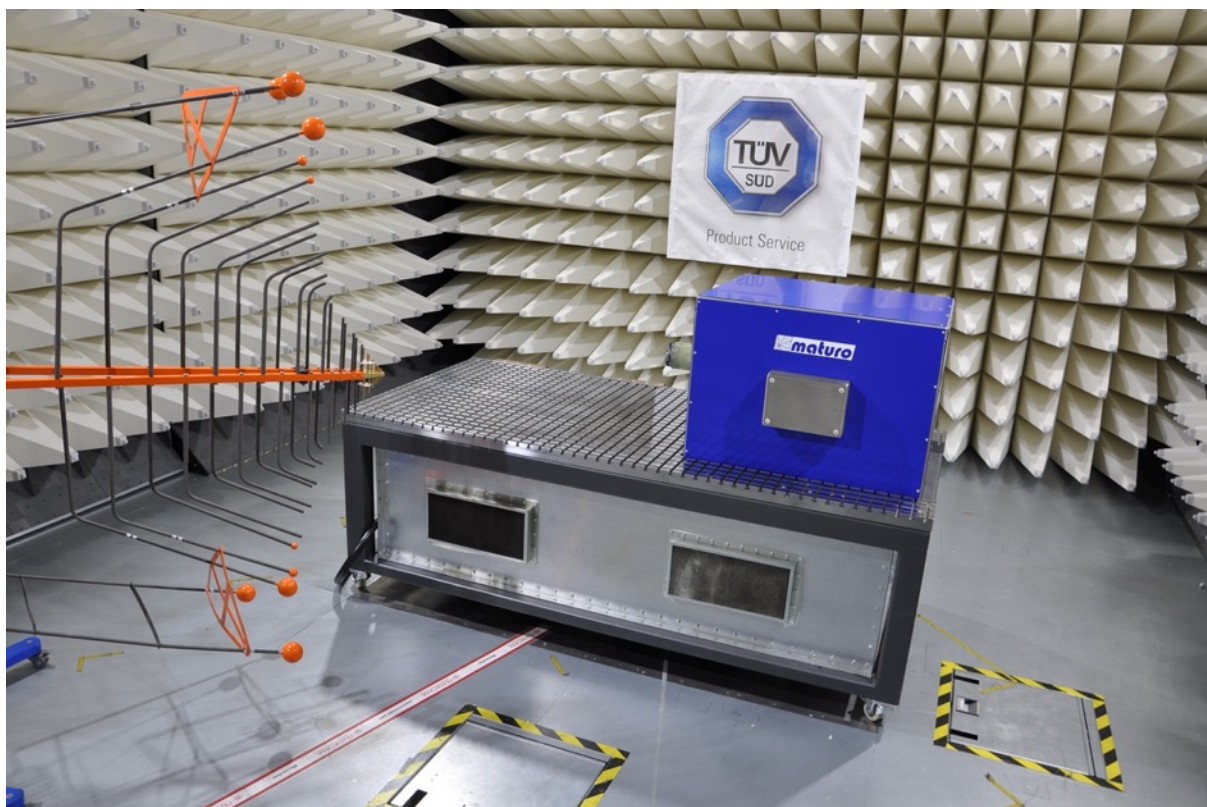
Characteristic motor diagrams:

speed – torque diagram



speed – power diagram





Information presented enclosed is subject to change as product enhancements are made regularly.
Pictures included are for illustration purposes only and do not represent all possible configurations.