

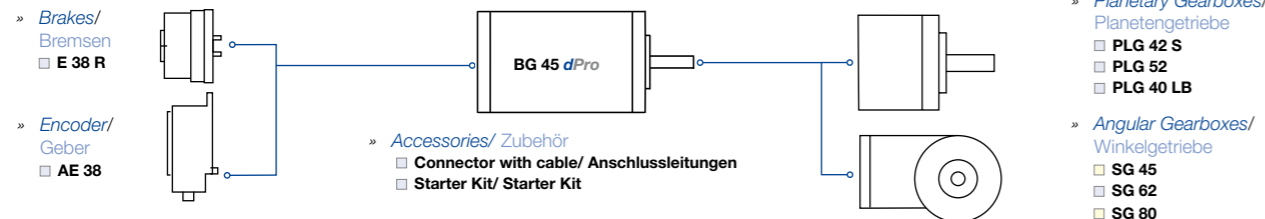
- » With integrated 4Q servo controller and high-resolution encoder system
- » Safe Torque Off
- » PROFINET variant „PN“: PROFINET certified, application classes 1 and 4, IRT capable
- » EtherCAT variant „EC“: CoE (CAN over EtherCAT), distributed clocks for real-time operation
- » Ethernet/IP variant „EI“: Integration in ControlLogix Studio, CIP Synch on request
- » Further information on page 18 ff. in this catalog as well as in the operating manual

| | | | | | | | | | |
|----------------------------|----------------------------|-------------------------------|----------------------------|---------------------------|-------------------|-----------------------|-----------------------------|-------------------------|-----------------|
| | | | | | | | | | |
| Profinet version available | EtherCAT version available | EtherNet/IP version available | IO mode | Speed mode | Current mode | Positioning | Digital inputs configurable | Analog inputs | Digital outputs |
| | | | | | | | | | |
| 4096 cpr | Brake output | Programmable | Service interface | Oscilloscope software | Smart Diagnostics | Digital label | Operating hours | Supply voltage versions | High efficiency |
| | | | | | | | | | |
| Protection class (up to) | Certification | Certification | Certification (>36 V only) | Sinusoidal vector control | Interpolation | SSI version available | Safe torque off version | S-Rampe | |

| Data preliminary/ Technische Daten vorläufig | | BG 45x15 dPro PN/EC/EI | | | BG 45x30 dPro PN/EC/EI | | |
|---|-----------------------|------------------------|--------|--------|------------------------|--------|--------|
| Nominal voltage/ Nennspannung | VDC | 12 | 24 | 48 | 12 | 24 | 48 |
| Nominal current/ Nennstrom | A ¹⁾ | 7.37 | 3.83 | 2 | 9.28 | 5.33 | 2.8 |
| Nominal torque/ Nennmoment | Nm ²⁾ | 0.142 | 0.145 | 0.15 | 0.216 | 0.243 | 0.255 |
| Nominal speed/ Nenn Drehzahl | rpm ³⁾ | 4480 | 4660 | 4720 | 3780 | 4010 | 4060 |
| Maximum torque/ Maximales Moment | Nm ²⁾ | tbd. | tbd. | tbd. | tbd. | tbd. | tbd. |
| No load speed/ Leerlauf Drehzahl | rpm ³⁾ | 5170 | 5160 | 5230 | 4260 | 4360 | 4370 |
| Nominal output power/ Dauerabgabeleistung | W ³⁾ | 66.6 | 70.7 | 74 | 85.6 | 102.2 | 108.2 |
| Maximum output power/ Maximale Abgabeleistung | W | tbd. | tbd. | tbd. | tbd. | tbd. | tbd. |
| Torque constant/ Drehmomentkonstante | Nm A ⁻¹ 3) | tbd. | tbd. | tbd. | tbd. | tbd. | tbd. |
| Peak current/ Zulässiger Spitzenstrom | A ²⁾ | tbd. | tbd. | tbd. | tbd. | tbd. | tbd. |
| Voltage range/ Zulässiger Spannungsbereich | VDC | 2...58 | 2...58 | 2...58 | 2...58 | 2...58 | 2...58 |
| Rotor inertia/ Rotor Trägheitsmoment | gcm ² | 24 | 24 | 24 | 44 | 44 | 44 |
| Weight of motor/ Motorgewicht | kg | 0,63 | 0,63 | 0,63 | 0,76 | 0,76 | 0,76 |

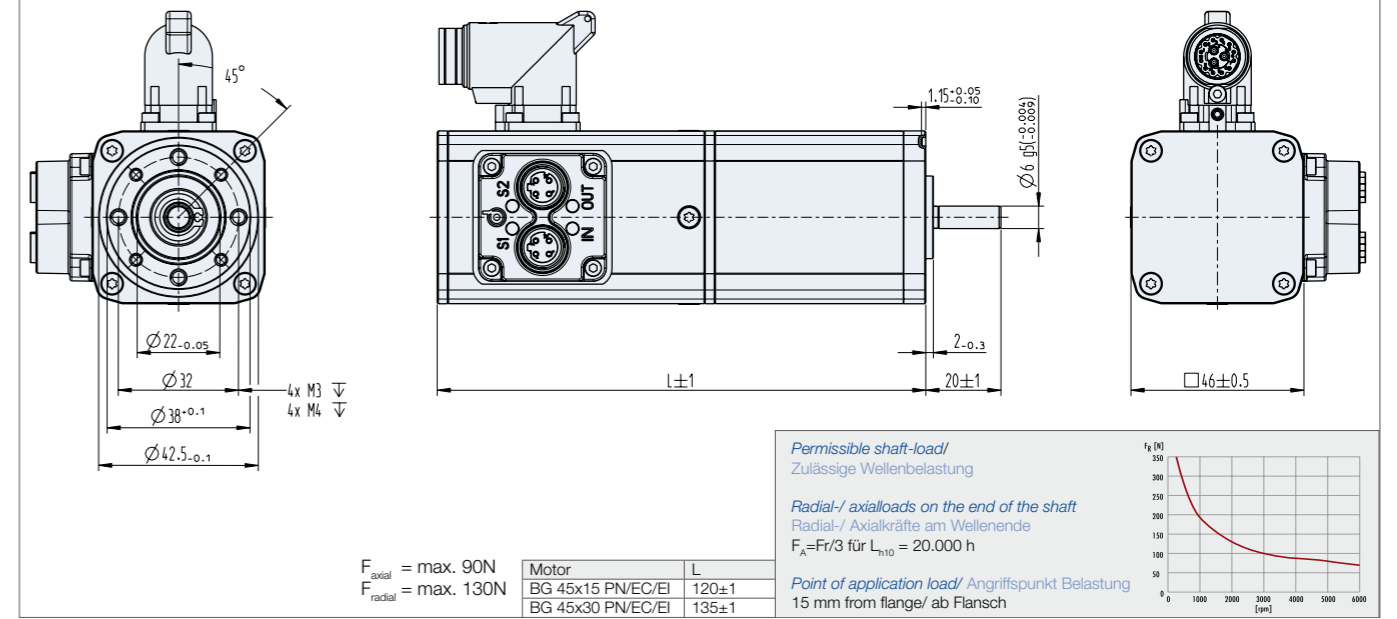
¹⁾ Δθw = 100 K; ²⁾ θ_n = 20°C ³⁾ at nominal point/ im Nennpunkt

Modular System/ Modulares Baukastensystem

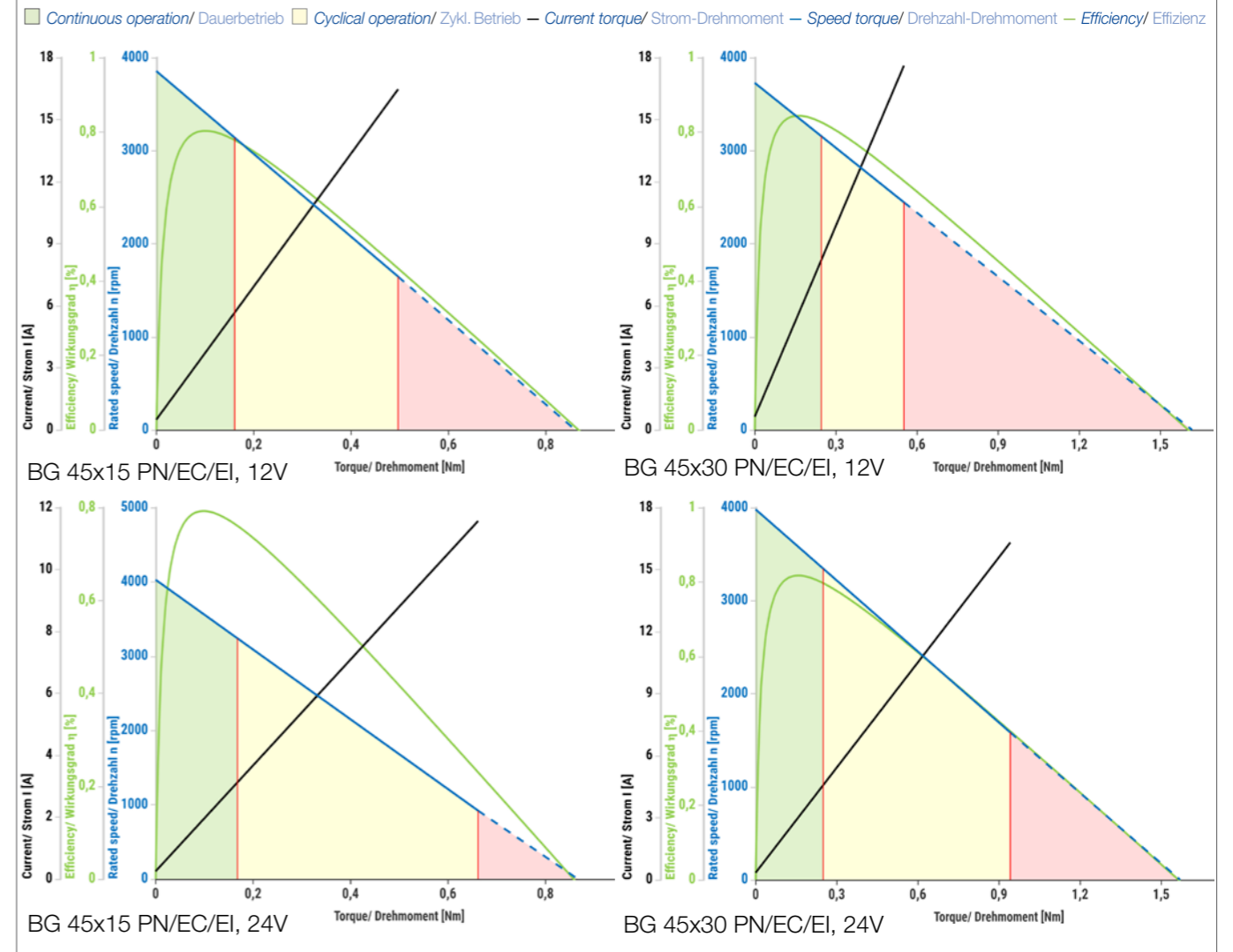


You can individually configure your suitable product and download technical data and drawings for the combination at www.dunkermotoren.com/en/configuration/.
 Unter www.dunkermotoren.de/konfigurator können Sie Ihr passendes Produkt individuell konfigurieren und technische Daten und Zeichnung für die Kombination herunterladen.

Dimensions in mm/ Maßzeichnung in mm



Characteristic diagram/ Belastungskennlinien In accordance with/ Belastungskennlinien gezeichnet nach EN 60034



Preferred series/ Vorzugsreihe (green), Standard product/ Standardprodukt (yellow), On request/ auf Anfrage (red) See notes page 8/ Hinweise siehe S. 8