

|   |                             |                  |   |  |
|---|-----------------------------|------------------|---|--|
|   |                             |                  |   |  |
| Series/<br>Baugröße                             | <b>BGA 22</b>               | <b>BG 32</b>     | <b>BG 42</b>                                  | <b>BG 45</b>   |
| Type/<br>Baulänge                               | x22                         | x10 / x20        | x15 / x30                                     | x15 / x30  |
| Cont. output power/<br>Abgabeleistung (W)       | 7.2-23.9                    | 10 / 20          | 40 / 65                                       | 40 / 75  |
| Rated voltage/<br>Nennspannung (VDC)            | 24                          | 12 / 24          | 12 / 24                                       | 12 / 24  |
| Nominal speed/<br>Nenn Drehzahl (rpm)           | 3500-12 000                 | 3500-4000        | 3330-3630                                     | 3080-3260  |
| Continuous torque/<br>Nenn Drehmoment (Ncm)     | 1.9-2.1                     | 2.67 / 4.79      | 10.8 / 17.2                                   | 14.8 / 22  |
| Integrated controller/<br>Integrierte Steuerung | <b>dGo</b><br>(commutation) | KI (commutation) | Speed controller attached<br>KI (commutation) | SI (speed control)<br>CI/ PI/ MI (speed/ torque/<br>position controller/ torque/<br>high res. encoder) |
| Interfaces/<br>Schnittstellen                   | -                           | -                | -   | CANopen<br>Profibus<br>EtherCAT<br>I/O   |
| Functional safety/<br>Funktionale Sicherheit    | -                           | -                | -   | -  |

|  |            |            |            |               |
|--|------------|------------|------------|---------------|
| External controller/<br>Externe Regler   | BGE 6005 A | BGE 3004 A | BGE 42     | BGE 45        |
|  | -          | BGE 6005 A | BGE 3004 A | BGE 3004 A    |
|  | -          | BGE 6010 A | BGE 6005 A | BGE 6005 A    |
| Encoder/ Encoder                         | RE 22      | RE 22      | RE 22      | RE 22         |
|  | -          | RE 30 (TI) | RE 30 (TI) | RE 30 (TI)    |
|  | -          | -          | -          | AE 38         |
|  | -          | -          | -          | ME integrated |
| Brakes/ Bremsen                          | E 22       | E 38       | E 38       | E 38          |
|  | -          | -          | E 90       | E 90          |
| Planetary gearbox/<br>Planetengertriebe  | PLG 22     | PLG 32     | PLG 42 S   | PLG 42 S      |
|  | PLG 24     | PLG 32 H   | PLG 52     | PLG 52        |
|  | -          | PLG 42 K   | PLG 52 H   | PLG 52 H      |
|  | -          | PLG 42 S   | -          | PLG 40 LB     |
| Right angular gearbox/<br>Winkelgetriebe | -          | -          | SG 45      | SG 45         |
|  | -          | -          | SG 62      | SG 62         |
|  | -          | -          | -          | SG 80         |

Preference/ Vorzugsreihe On request/ auf Anfrage

|                 |  |   |  |  |
|-----------------|--|---|--|--|
|                 |  |   |  |  |
| <b>BG 62 S</b>  | <b>BG 65</b>   | <b>BG 65S / BG 66</b>   | <b>BG 75</b>   | <b>BG 95</b>   |
| x30 / x45 / x60 | x25 / x50 / x75  | x25 / x50   | x25 / x50 / x75  | x40 / x80  |
| 110 / 182 / 274 | 60 / 100 / 140   | 110 / 185   | 250 / 400 / 530  | 700 / 1100   |
| 24 / 40         | 24 / 42 / 325  | 12 / 24 / 40  | 12 / 24 / 40 / 325   | 12 / 24 / 48 / 60 / 325  |
| 3000-3350       | 2860-3100  | 2900-3660   | 3370-3700  | 3700-4100  |
| 20 / 27 / 36    | 17 / 26 / 40   | 33.6 / 50.9   | 64 / 110 / 150   | 170 / 270  |
| -               | KI (commutation)<br>SI (speed control)<br>CI/ PI/ MI (speed/ torque/<br>position controller/ torque/<br>high res. encoder) | <b>dMove</b><br>SI (speed control)/ CI/ PI/<br>MI (speed/ torque/ position<br>controller/ torque/ high res.<br>encoder) | SI (speed control)<br>CI/ PI/ MI (speed/ torque/<br>position controller/ torque/<br>high res. encoder) | <b>dPro</b><br>(speed/ torque/ position<br>controller/ torque/ high res.<br>encoder) |
| -               | CANopen<br>Profibus<br>EtherCAT<br>Profinet<br>I/O   | CANopen<br>Profibus<br>EtherCAT<br>Profinet<br>I/O  | CANopen<br>Profibus<br>EtherCAT<br>I/O   | CANopen<br>IO  |
| -               | -  | FS10  | -  | -  |

|            |  |  |  |  |
|------------|--|--|--|--|
| BGE 6005 A | BGE 6005 A                                 | BGE 6010 A                                 | BGE 6010 A                                 | BGE 6060 A                                 |
| BGE 6010 A | BGE 6010 A                                 | BGE 6060 A                                 | BGE 6060 A                                 | BGE 6060 A EtherCAT                        |
| BGE 6060 A | BGE 6060 A                                 | DME 230x4 CANopen /<br>EtherCAT / Profinet | DME 230x4 CANopen /<br>EtherCAT / Profinet | DME 230x4 CANopen /<br>EtherCAT / Profinet |
| -          | DME 230x4 CANopen /<br>EtherCAT / Profinet | -  | -  | -  |
| RE 20      | RE 30 (TI)                                 | RE 30 (TI)                                 | RE 30 (TI)                                 | AE 38                                      |
| RE 30 (TI) | RE 56 (TI)                                 | AE 65                                      | AE 65                                      | MR integrated                              |
| RE 56 (TI) | AE 65                                      | MR integrated                              | MR integrated                              | R 37                                       |
| ME 52      | R 37                                       | R 37                                       | R 37                                       | -  |
| R 37       | -  | -  | RE 56 (TI)                                 | -  |
| E 90       | E 90                                       | E 90                                       | E 90                                       | E 600                                      |
| E 100      | E 100                                      | E 100                                      | E 100                                      | -  |
| -          | -  | E 300                                      | E 300                                      | -  |
| PLG 52     | PLG 52                                     | PLG 52                                     | PLG 60                                     | PLG 75                                     |
| PLG 52 H   | PLG 52 H                                   | PLG 60                                     | PLG 63                                     | PLG 95                                     |
| PLG 60     | PLG 60                                     | PLG 63                                     | PLG 75                                     | -  |
| PLG 63     | PLG 63                                     | PLG 75                                     | PLG 80 LB                                  | -  |
| PLG 75     | PLG 75                                     | PLG 80 LB                                  | -  | -  |
| -          | PLG 60 LB                                  | PLG 60 LB                                  | -  | -  |
| SG 62      | SG 80                                      | SG 80                                      | SG 120                                     | SG 120                                     |
| SG 80      | SG 120                                     | SG 120                                     | STG 65                                     | STG 65                                     |
| SG 120     | STG 65                                     | STG 65                                     | -  | -  |
| -          | -  | -  | -  | -  |

Preference/ Vorzugsreihe On request/ auf Anfrage