

**PBL86-80 48V 4000RPM - GB9 30:1 Composite**

80 mm stack // 30:01:00

**Motor-gearbox combination technical data**

|                           |         |                         |          |
|---------------------------|---------|-------------------------|----------|
| Nominal continuous torque | 31.5 Nm | Max intermittent torque | 55.1 Nm  |
| Nominal power             | 586 W   | Stack length            | 80 mm    |
| Weight                    | 6.8 Kg  | Enclosure               | Enclosed |
| Insulation class          | F       |                         |          |

**Motor technical data**

|                 |      |             |   |
|-----------------|------|-------------|---|
| Motor Type      | BLDC | Motor Poles | 8 |
| Motor IP rating | IP54 |             |   |

**Gearbox technical data**

|                     |             |                     |            |
|---------------------|-------------|---------------------|------------|
| Gearbox Orientation | Right Angle | Gearbox Type        | Worm Wheel |
| Gearbox Ratio       | 30:01:00    | Gear Material       | Composite  |
| Gearbox Stages      | 1           | Gearbox Efficiency  | 75%        |
| Gearbox Axial Load  | 600 N       | Gearbox Radial Load | 800 N      |