

**PBL86-80 48V 4000 RPM**

80 mm stack

**Technical data**

Motor Type	BLDC	Motor Poles	8
Nominal continuous torque	1.8 Nm	Max intermittent torque	2.5 Nm
Nominal power	586 W	Nominal speed	4000 rpm
Nominal continuous current	14.4 A	No load speed	4192 rpm
No load current	1.90 A	Maximum efficiency	83%
Torque constant	0.110 Nm/A	Speed torque gradient	345.6 rpm/Nm
Stall torque	12.7 Nm	Stall current	116 A
Stack length	80 mm	Motor IP rating	IP54
Speed constant	87.9 rpm/V	Radial load	350 N
Weight	4.2 Kg	Enclosure	Enclosed
Insulation class	B		