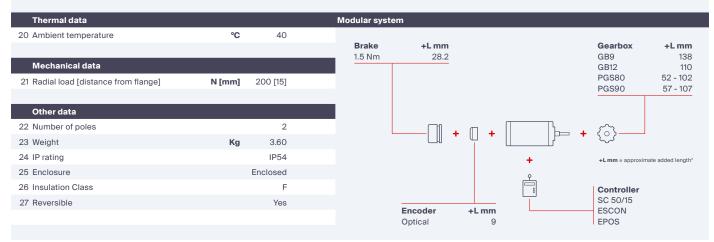


Part number key					Available on request: Custom shaft length and diameter, shaft on both sides, special windings
Modular	######				for specific voltages and speed, higher IP protection class, custom flanges and connectors
Standard	######				All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to ensure test results are as accurate as possible
Calculated data	######				and are therefore subject to change. Please ensure you are using the latest datasheets found on our website
Technical data					
1 Part number		781102	781103	781104	
2 Nominal power	W	157	210	210	
3 Nominal voltage	V	12	24	48	
4 No load speed	rpm	3870	3423	3480	
5 No load current	Α	2.6	1.1	0.6	
6 Nominal speed	rpm	3000	3000	3000	
7 Nominal continuous torque (S1)	Nm	0.50	0.67	0.67	
8 Nominal continuous current (S1)	Α	25.5	10.5	5.7	
9 Max. intermittent torque (S2 - 15 minutes)	Nm	1.17	1.17	1.17	
10 Stall current	Α	83.7	82.1	51.8	
11 Stall torque	Nm	2.40	5.61	6.70	
12 Stack length	mm	50	50	50	
13 Maximum efficiency	%	67	81	80	
14 Terminal resistance - phase to phase	Ω	0.112	0.294	0.580	
15 Terminal inductance - phase to phase	mH	100.5	504.4	1987.0	
16 Speed constant	rpm/V	314.9	139.0	69.1	
17 Torque constant	Nm/A	0.030	0.069	0.130	
18 Speed torque gradient	rpm/Nm	1509.7	590.0	511.0	
19 Rotor inertia	Kgcm <sup>2</sup>	6.57 x 10 <sup>-4</sup>	6.57 x 10 <sup>-4</sup>	6.57 x 10 <sup>-4</sup>	



\*additional length may also be required for mounting flange between components





