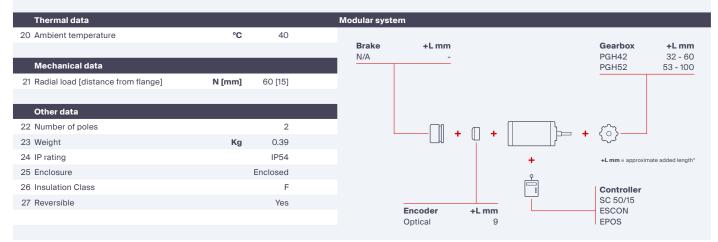


Part number key					Available on request: Custom shaft length and diameter, shaft on both sides, special windings
Modular	######				for specific voltages and speed, higher IP protection class, custom flanges and connectors
Standard	######				All products are built in accordance to performance tolerances 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		781076	781077	781078	
2 Nominal power	W	12	12	12	
3 Nominal voltage	V	12	24	48	
4 No load speed	rpm	4091	4006	4115	
5 No load current	Α	0.280	0.150	0.038	
6 Nominal speed	rpm	3000	3000	3000	
7 Nominal continuous torque (S1)	Nm	0.038	0.038	0.038	
8 Nominal continuous current (S1)	Α	1.60	0.78	0.38	
9 Max. intermittent torque (S2 - 15 minutes)	Nm	0.06	0.06	0.06	
10 Stall current	Α	5.30	2.78	1.35	
11 Stall torque	Nm	0.13	0.14	0.14	
12 Stack length	mm	19	19	19	
13 Maximum efficiency	%	71	71	71	
14 Terminal resistance - phase to phase	Ω	2.09	7.02	35.5	
15 Terminal inductance - phase to phase	mH	1.555	7.258	-	
16 Speed constant	rpm/V	354.6	175.1	84.0	
17 Torque constant	Nm/A	0.03	0.05	0.11	
18 Speed torque gradient	rpm/Nm	32623	29121	28702	
19 Rotor inertia	Kgcm <sup>2</sup>	1.0 x 10 <sup>-5</sup>	1.0 x 10 <sup>-5</sup>	1.0 x 10 <sup>-5</sup>	



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





