



Part number key	
Modular	#####
Standard	#####
Calculated data	#####

Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors

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 and are therefore subject to change. Please ensure you are using the latest datasheets found on our website

Technical data					
1 Part number		775282	775283	775284	775285
2 Nominal power	W	15	15	15	15
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	3743	4057	4194	4154
5 No load current	A	0.40	0.28	0.13	0.11
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.05	0.05	0.05	0.05
8 Nominal continuous current (S1)	A	2.11	1.39	0.75	0.62
9 Max. intermittent torque (S2 - 15 minutes)	Nm	0.08	0.08	0.08	0.08
10 Stall current	A	10.0	4.9	2.4	2.0
11 Stall torque	Nm	0.3	0.2	0.2	0.2
12 Stack length	mm	12	12	12	12
13 Maximum efficiency	%	61	47	52	52
14 Terminal resistance - phase to phase	Ω	1.0	4.9	16.7	24.2
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	319	172	112	93
17 Torque constant	Nm/A	0.028	0.043	0.078	0.094
18 Speed torque gradient	rpm/Nm	13959	20491	23482	23483
19 Rotor inertia	gcm²	361	361	361	361

Thermal data	
20 Ambient temperature	°C 40

Mechanical data	
21 Radial load [distance from flange]	N [mm] 110 [15]

Other data	
22 Number of poles	2
23 Weight	Kg 0.5
24 IP rating	IP54
25 Enclosure	Enclosed
26 Insulation Class	F
27 Reversible	Yes

Component	+L mm
Brake 1.5 Nm	28.2
Gearbox S	59
GB36	166
GB56	103
SWS	110
Gearbox SIW	82
SIS	72
PGH52	53 - 100
PGS62	44 - 90
Encoder Optical	9
Encoder Magnetic	12
Controller SC 50/15	
ESCON	
EPOS	

+L mm = approximate added length

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