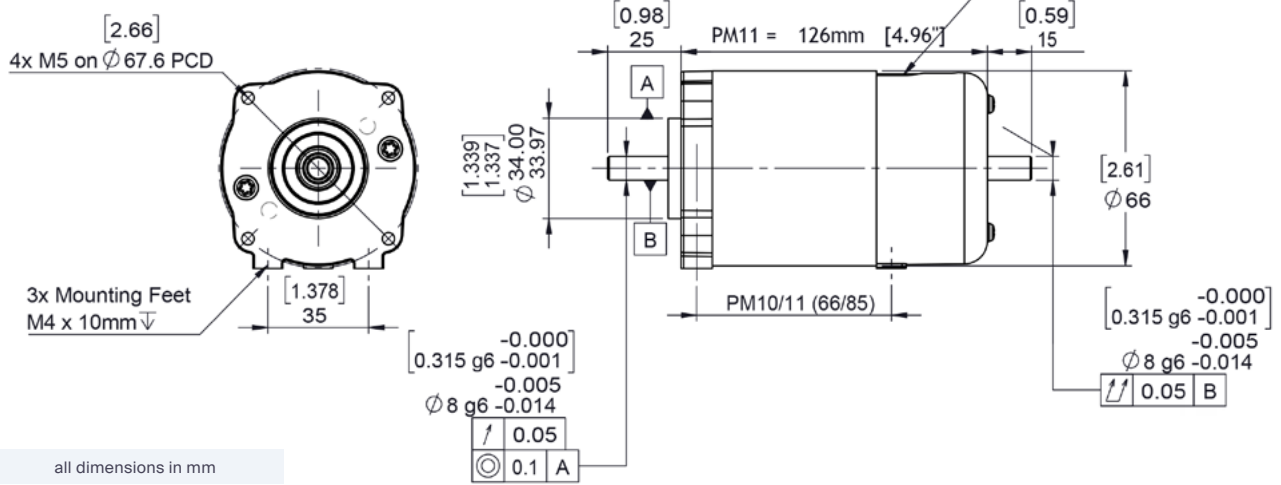


Lead Length - 300mm [11.81"]  
 Type - UL3289 / CSA CL 1503 600V 150°C  
 Colour - Red & Black. 16 AWG



all dimensions in mm

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		775328	775329	775330	775331	775332	775333
2 Nominal power	<b>W</b>	101	101	101	101	101	101
3 Nominal voltage	<b>V</b>	12	24	40	48	110	220
4 No load speed	<b>rpm</b>	4004	4012	3804	3844	3627	3957
5 No load current	<b>A</b>	0.60	0.40	0.28	0.23	0.12	0.05
6 Nominal speed	<b>rpm</b>	3000	3000	3000	3000	3000	3000
7 Nominal continuous torque (S1)	<b>Nm</b>	0.32	0.32	0.32	0.32	0.32	0.32
8 Nominal continuous current (S1)	<b>A</b>	12.3	5.6	3.3	1.2	1.2	0.7
9 Max. intermittent torque (S2 - 15 minutes)	<b>Nm</b>	0.53	0.53	0.53	0.53	0.53	0.53
10 Stall current	<b>A</b>	47.0	22.0	17.0	14.0	6.4	2.5
11 Stall torque	<b>Nm</b>	1.3	1.3	1.8	1.8	1.9	1.3
12 Stack length	<b>mm</b>	44	44	44	44	44	44
13 Maximum efficiency	<b>%</b>	76	81	82	82	80	74
14 Terminal resistance - phase to phase	<b>Ω</b>	0.1	0.7	2.4	1.2	17.2	50.0
15 Terminal inductance - phase to phase	<b>mH</b>	-	-	-	-	-	-
16 Speed constant	<b>rpm/V</b>	321	162	93	77	33	18
17 Torque constant	<b>Nm/A</b>	0.03	0.06	0.10	0.12	0.30	0.52
18 Speed torque gradient	<b>rpm/Nm</b>	3149	3061	2142	2165	1914	3051
19 Rotor inertia	<b>gcm<sup>2</sup></b>	1260	1260	1260	1260	1260	1260

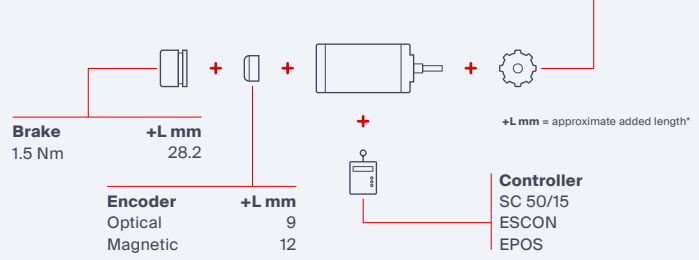
Thermal data	
20 Ambient temperature	<b>°C</b> 40

Mechanical data	
21 Radial load [distance from flange]	<b>N [mm]</b> 150 [15]

Other data	
22 Number of poles	2
23 Weight	<b>Kg</b> 1.6
24 IP rating	IP54
25 Enclosure	Enclosed
26 Insulation Class	F
27 Reversible	Yes

**Compatible products**

Gearbox	+L mm	Gearbox	+L mm	Gearbox	+L mm
S	59	MIW	83	LWS	127
M	85	MWS	110	LIS	108
GB28	85	MIS	95	PGS62	44 - 90
GB36	166	LIW	102	PGS71	49 - 99



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