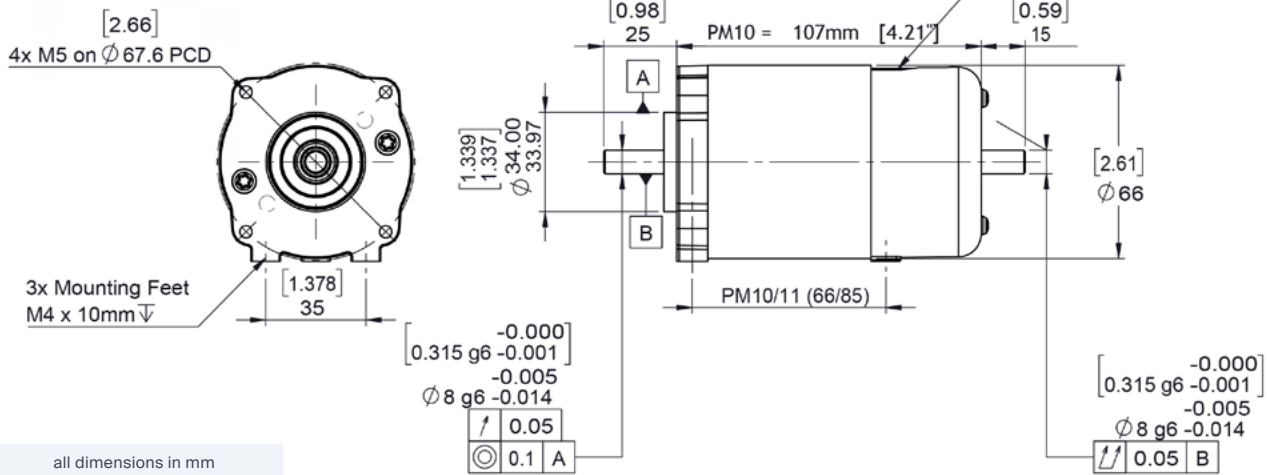


Lead Length - 300mm [11.81"]  
 Type - UL3289 / CSA CL 1503 600V 150° C  
 Colour - Red & Black. 16 AWG



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		775321	775322	775323	775324	775325	775326
2 Nominal power	<b>W</b>	45	45	45	45	45	45
3 Nominal voltage	<b>V</b>	12	24	40	48	110	220
4 No load speed	<b>rpm</b>	4185	3895	3820	4082	4252	3707
5 No load current	<b>A</b>	0.70	0.34	0.19	0.21	0.07	0.04
6 Nominal speed	<b>rpm</b>	3000	3000	3000	3000	3000	3000
7 Nominal continuous torque (S1)	<b>Nm</b>	0.14	0.14	0.14	0.14	0.14	0.14
8 Nominal continuous current (S1)	<b>A</b>	6.00	2.60	1.70	1.55	0.64	0.30
9 Max. intermittent torque (S2 - 15 minutes)	<b>Nm</b>	0.20	0.20	0.20	0.20	0.20	0.20
10 Stall current	<b>A</b>	32.0	11.0	7.9	6.9	3.3	1.5
11 Stall torque	<b>Nm</b>	0.8	0.7	0.7	0.7	0.8	0.8
12 Stack length	<b>mm</b>	26	26	26	26	26	26
13 Maximum efficiency	<b>%</b>	71	74	67	66	73	69
14 Terminal resistance - phase to phase	<b>Ω</b>	0.3	1.2	5.1	5.6	23.7	116.0
15 Terminal inductance - phase to phase	<b>mH</b>	-	-	-	-	-	-
16 Speed constant	<b>rpm/V</b>	341	154	93	80	35	16
17 Torque constant	<b>Nm/A</b>	0.260	0.062	0.092	0.105	0.240	0.540
18 Speed torque gradient	<b>rpm/Nm</b>	5165	5765	5385	5854	5342	4827
19 Rotor inertia	<b>gcm<sup>2</sup></b>	944	944	944	944	944	944

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>	1.1
24 IP rating		IP54
25 Enclosure		Enclosed
26 Insulation Class		F
27 Reversible		Yes

Compatible products					
<b>Gearbox</b>	<b>+L mm</b>	<b>Gearbox</b>	<b>+L mm</b>	<b>Gearbox</b>	<b>+L mm</b>
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