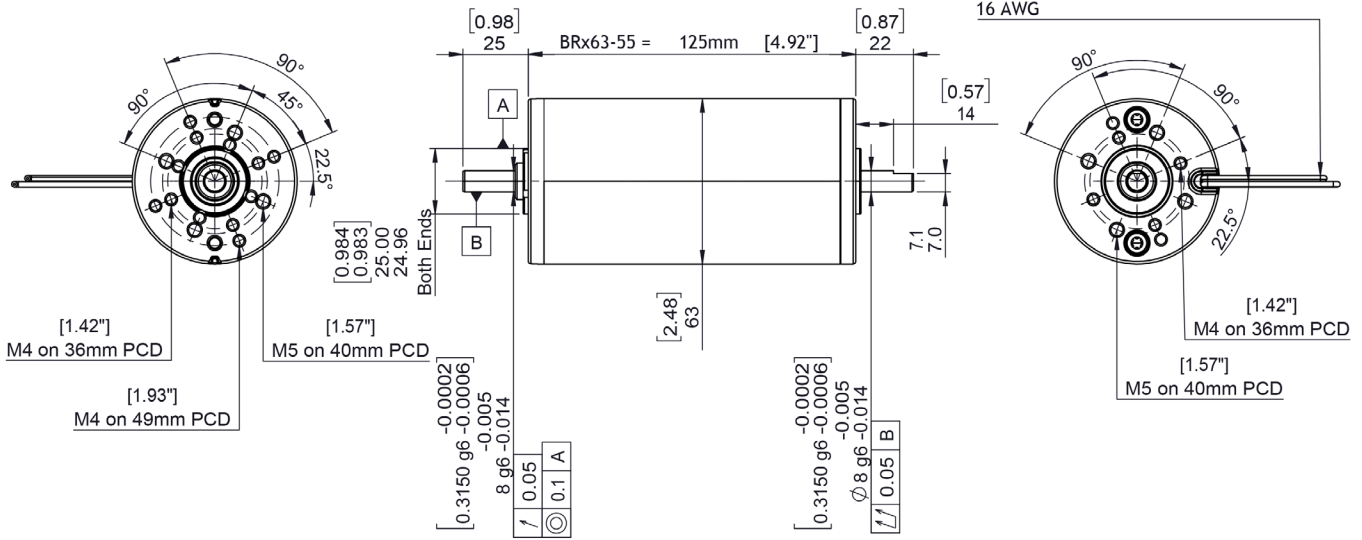


# BRx63-55 PMDC motor

Ø63 mm frame // 55 mm stack

# PARVALUX

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



Part number key		
Modular	#####	<b>Available on request:</b> 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
Standard	#####	
Special	#####	

Technical data				
1 Part number		6355312	6355324	6355348
2 Nominal power	W	85	85	85
3 Nominal voltage	V	12	24	48
4 No load speed	rpm	3521	3558	3558
5 No load current	A	0.53	0.27	0.13
6 Nominal speed	rpm	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.27	0.27	0.27
8 Nominal continuous current (S1)	A	9.1	4.6	2.3
9 Max. intermittent torque (S3)	Nm	0.45	0.45	0.45
10 Stall current	A	75	38	19
11 Stall torque	Nm	2.4	2.4	2.4
12 Stack length	mm	55	55	55
13 Maximum efficiency	%	81	81	81
14 Terminal resistance - phase to phase	Ω	0.160	0.625	2.500
15 Terminal inductance - phase to phase	mH	-	-	-
16 Speed constant	rpm/V	287	145	73
17 Torque constant	Nm/A	0.03	0.06	0.13
18 Speed torque gradient	rpm/Nm	1491	1491	1491
19 Rotor inertia	gcm <sup>2</sup>	930	930	930

Thermal data		
20 Ambient temperature	°C	40

Mechanical data		
21 Radial load [distance from flange]	N [mm]	150 [15]

Other data		
22 Number of poles		2
23 Weight	Kg	1.5
24 IP rating		IP54
25 Enclosure		Enclosed
26 Insulation Class		F
27 Reversible		Yes

