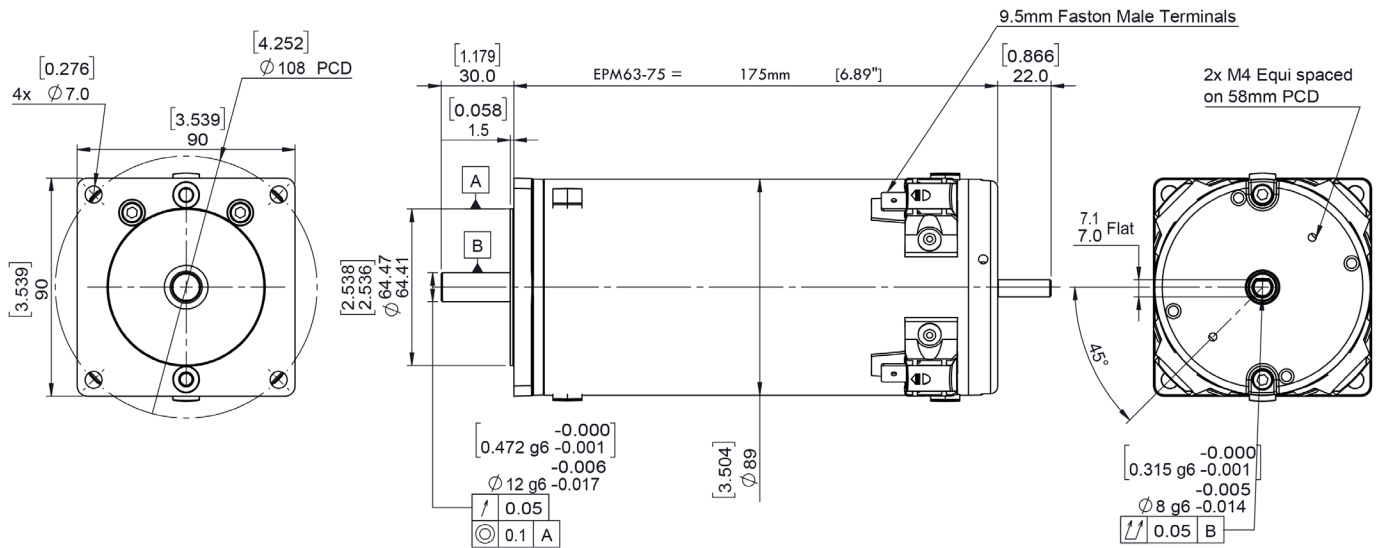


EPM63-75 PMDC motor

Ø90 mm frame // 75 mm stack

PARVALUX



Part number key

Modular	#####
Standard	#####
Special	#####

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		E6375-3K12	E6375-3K24	E6375-3K40	E6375-3K48
2 Nominal power	W	283	283	283	283
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	3564	3973	3913	3973
5 No load current	A	3.40	1.70	1.0	0.85
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.9	0.9	0.9	0.9
8 Nominal continuous current (S1)	A	25.8	13.2	7.8	6.6
9 Max. intermittent torque (S3)	Nm	1.5	1.5	1.5	1.5
10 Stall current	A	178.0	88.0	51.3	44.0
11 Stall torque	Nm	5.5	5.3	5.2	5.3
12 Stack length	mm	75	75	75	75
13 Maximum efficiency	%	67	79	79	80
14 Terminal resistance - phase to phase	Ω	0.067	0.272	0.780	1.090
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	288	160	94.4	80
17 Torque constant	Nm/A	0.031	0.061	0.100	0.120
18 Speed torque gradient	rpm/Nm	649	755	755	755
19 Rotor inertia	gcm ²	8530	8530	8530	8530

Thermal data

20 Ambient temperature	°C	40
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Mechanical data

21 Radial load [distance from flange]	N [mm]	200 [15]
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Other data

22 Number of poles		4
23 Weight	Kg	4.0
24 IP rating		IP44
25 Enclosure		Enclosed
26 Insulation Class		F
27 Reversible		Yes

Modular system

