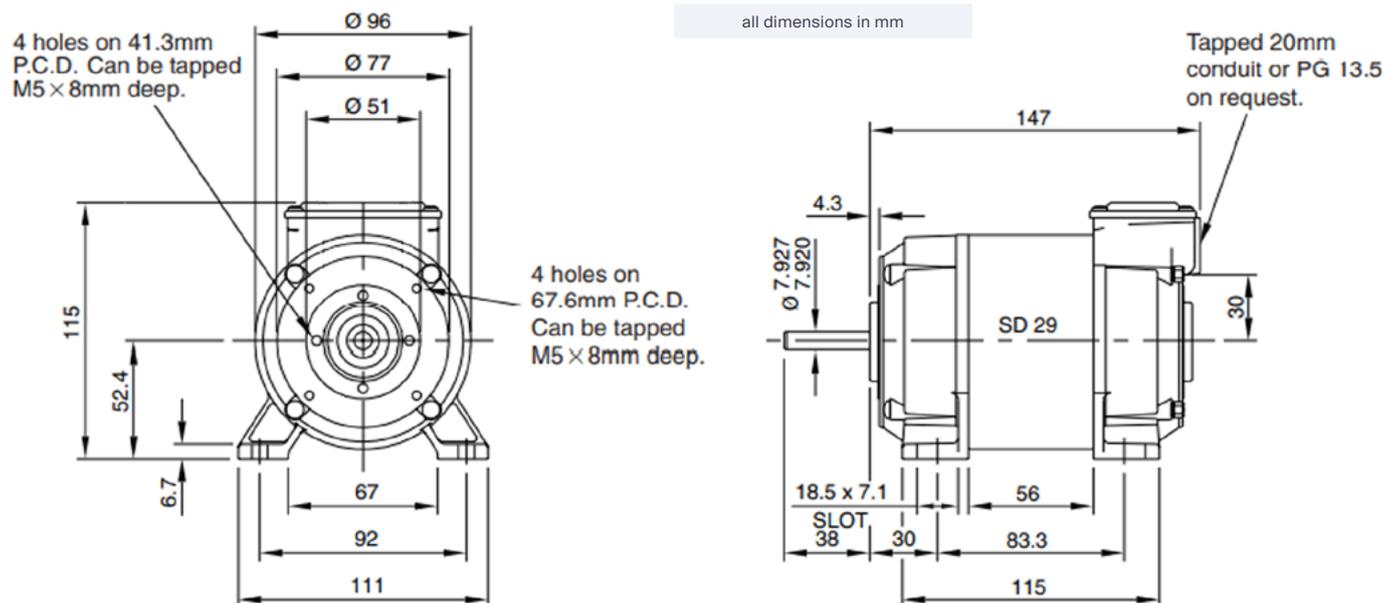


SD29 AC motor

Ø96 mm frame // 56 mm stack

parvalux
by **maxon**



Part number key

Modular	#####
Standard	#####
Calculated data	#####

Please see our customisation options page for details on the modifications available on our products. Advice and guidance on these options are available from your local sales contact.

Note: Brakes are not available on TEFC (Totally Enclosed Fan Cooled) motors.

Technical data

1 Part number		-	-	-	-	-	-	-	-
2 Phases		1	1	1	1	3	3	3	3
3 Frequency	Hz	50	50	60	60	50	50	60	60
4 Nominal voltage	V AC	230	230	115	115	400	400	230	230
5 Nominal power	W	55	100	55	100	55	120	55	120
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400
7 Nominal continuous torque (S1)	Nm	0.38	0.34	0.31	0.28	0.38	0.41	0.38	0.41
8 Nominal continuous current (S1)	A	0.41	0.76	-	-	0.28	0.36	-	-
9 Starting Current	A	1.03	1.90	0	0	0.70	0.90	0	0
10 Input Watts	W	100	185	100	185	100	185	100	185
11 Capacitor Value	M.F.D	3.0	6.0	3.0	6.0	-	-	-	-
12 Starting Torque Full Load	%	85	85	85	85	150	150	150	150
13 Stack length	mm	56	56	56	56	56	56	56	56
14 Number of poles		4	2	4	2	4	2	4	2
15 Rotor inertia	Kg/cm ²	-	-	-	-	-	-	-	-

Thermal data

16 Ambient temperature	°C	40
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Mechanical data

17 Radial load [distance from flange]	N [mm]	150 [15]
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Other data

18 Weight	Kg	3.6
19 Enclosure	VENT/TEFC	
20 IP Rating - Ventilated	IP20	
21 IP Rating - TE/TEFC	IP54	
22 Insulation Class	F	
23 Type	Permanent capacitor, asynchronous	
24 Direction	Reversible	

Compatible products

Gearbox	+L mm	Brake	+L mm
S Box	59.0	0.4 Nm	35.0
M Box	85.0		
MWS	110.0		
MIW	83.0		
LWS	127.0		
LIW	102.0		
LIS	108.0		
GB28	85.0		
GB36	166.0		
GB58	50.0		
GB80	80.0		

Key
Standard combination
Modular combination
+L mm = approximate added length*

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