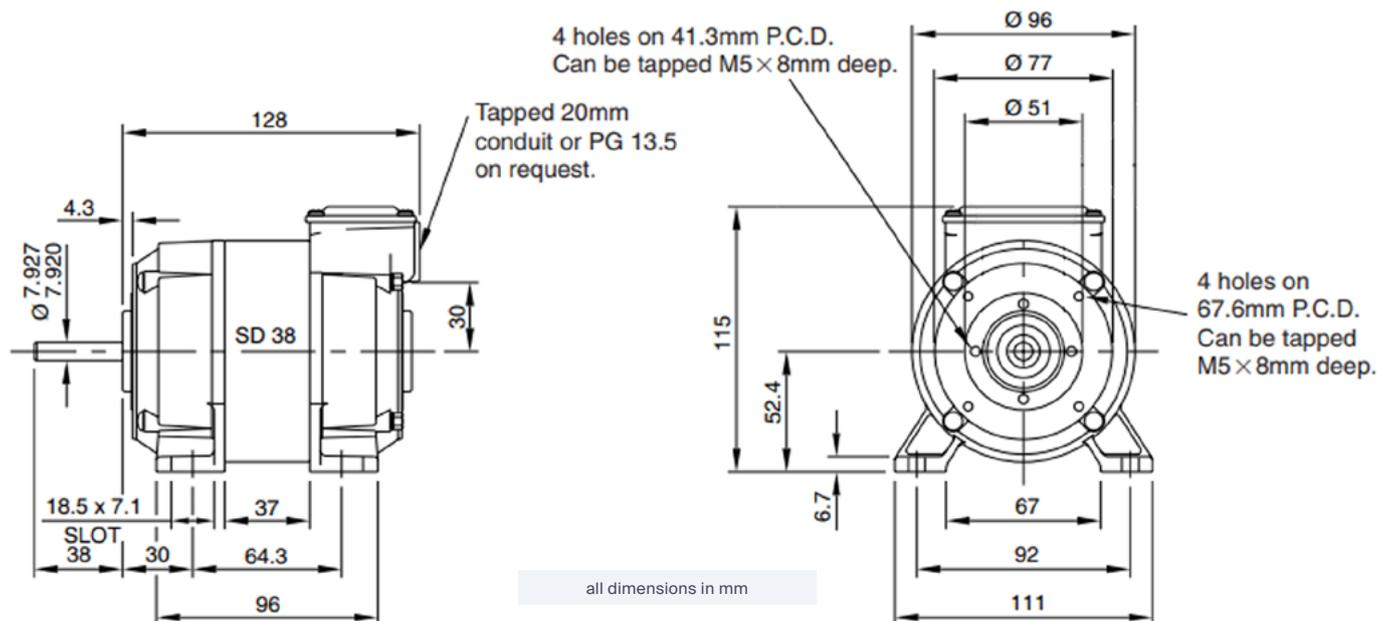


SD38 AC motor

Ø96 mm frame // 37 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	35	60	35	60	35	60	35	60
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400
7 Nominal continuous torque (S1)	Nm	0.24	0.20	0.20	0.17	0.24	0.20	0.20	0.17
8 Nominal continuous current (S1)	A	0.30	0.57	-	-	0.24	0.24	-	-
9 Starting Current	A	0.75	1.43	0	0	0.60	0.60	0	0
10 Input Watts	W	75	127	75	127	80	105	80	105
11 Capacitor Value	M.F.D	2.5	4.0	2.5	4.0	-	-	-	-
12 Starting Torque Full Load	%	85	75	85	75	200	200	200	200
13 Stack length	mm	37	37	37	37	37	37	37	37
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	2.9
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		

+L mm = approximate added length*

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