



all dimensions in mm

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.

Technical data							
1 Part number		775328	775329	775330	775331	775332	775333
2 Nominal power	W	101	101	101	101	101	101
3 Nominal voltage	V	12	24	40	48	110	220
4 No load speed	rpm	4004	4012	3804	3844	3627	3957
5 No load current	A	0.60	0.40	0.28	0.23	0.12	0.05
6 Nominal speed	rpm	3000	3000	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.32	0.32	0.32	0.32	0.32	0.32
8 Nominal continuous current (S1)	A	12.3	5.6	3.3	1.2	1.2	0.7
9 Max. intermittent torque (S2 - 15 minutes)	Nm	0.53	0.53	0.53	0.53	0.53	0.53
10 Stall current	A	47.0	22.0	17.0	14.0	6.4	2.5
11 Stall torque	Nm	1.3	1.3	1.8	1.8	1.9	1.3
12 Stack length	mm	44	44	44	44	44	44
13 Maximum efficiency	%	76	81	82	82	80	74
14 Terminal resistance	Ω	0.1	0.7	2.4	1.2	17.2	50.0
15 Terminal inductance	mH	-	-	-	-	-	-
16 Speed constant	rpm/V	321	162	93	77	33	18
17 Torque constant	Nm/A	0.03	0.06	0.10	0.12	0.30	0.52
18 Speed torque gradient	rpm/Nm	3149	3061	2142	2165	1914	3051
19 Rotor inertia	gcm²	1260	1260	1260	1260	1260	1260

Thermal data		Compatible products		
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	1.6		
24 IP rating		IP54		
25 Enclosure		Enclosed		
26 Insulation Class		F		
27 Reversible		Yes		
			Gearbox	Encoder
			+L mm	+L mm
			S Box	Incr. 5-pin
			M Box	Incr. 10-pin
			MWS	Diff. 10-pin
			MIW	Magnetic
			LWS	
			LIW	
			LIS	
			GB28	
			GB36	
			GB58	
			GB80	
				Controller
				SC 50/15
				ESCON
				EPOS
				Key
				Standard combination
				Modular combination
				+L mm = approximate added length*

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