



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		775282	775283	775284	775285
2 Nominal power	W	15	15	15	15
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	3743	4057	4194	4154
5 No load current	A	0.40	0.28	0.13	0.11
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.05	0.05	0.05	0.05
8 Nominal continuous current (S1)	A	2.11	1.39	0.75	0.62
9 Max. intermittent torque (S2 - 15 minutes)	Nm	0.08	0.08	0.08	0.08
10 Stall current	A	10.0	4.9	2.4	2.0
11 Stall torque	Nm	0.3	0.2	0.2	0.2
12 Stack length	mm	12	12	12	12
13 Maximum efficiency	%	61	47	52	52
14 Terminal resistance	Ω	1.0	4.9	16.7	24.2
15 Terminal inductance	mH	-	-	-	-
16 Speed constant	rpm/V	319	172	112	93
17 Torque constant	Nm/A	0.028	0.043	0.078	0.094
18 Speed torque gradient	rpm/Nm	13959	20491	23482	23483
19 Rotor inertia	gcm²	361	361	361	361

Thermal data		
20 Ambient temperature	°C	40

Mechanical data		
21 Radial load [distance from flange]	N [mm]	110 [15]

Other data		
22 Number of poles		2
23 Weight	Kg	0.5
24 IP rating		IP54
25 Enclosure		Enclosed
26 Insulation Class		F
27 Reversible		Yes

Compatible products					
Gearbox	+L mm	Brake	+L mm	Encoder	+L mm
S Box	59.0	1.5 Nm	28.2	Incr. 5-pin	9.0
SWS	110.0			Incr. 10-pin	9.0
SIW	82.0			Diff. 10-pin	12.0
SIS	72.0			Magnetic	12.0
GB28	85.0				
GB36	166.0	Controller		Key	
GB58	50.0	SC 50/15		Standard combination	
		ESCON		Modular combination	
		EPOS			

+L mm = approximate added length*

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