



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

		775282	775283	775284	775285
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
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Mechanical data

21 Radial load [distance from flange]	N [mm]	110 [15]
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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	Controller
S Box	59	1.5 Nm	28.2	SC 50/15
SWS	110			ESCON
SIW	82	Encoder	+L mm	EPOS
SIS	72	Optical	9	
GB28	85	Magnetic	12	
GB36	166			
GB56	103			
GB58	50			

+L mm = approximate added length*

Compatible products key

Product name	Standard combination
Product name	Modular combination

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