



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

		775295	775296	775297	775298	775299	775300
1 Part number		775295	775296	775297	775298	775299	775300
2 Nominal power	W	25	25	25	25	25	25
3 Nominal voltage	V	12	24	40	48	110	220
4 No load speed	rpm	4317	3812	4099	3936	3849	4229
5 No load current	A	0.60	0.20	0.13	0.11	0.05	0.03
6 Nominal speed	rpm	3000	3000	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.078	0.078	0.078	0.078	0.078	0.078
8 Nominal continuous current (S1)	A	3.60	1.90	1.03	0.76	0.34	0.18
9 Max. intermittent torque (S2 - 15 minutes)	Nm	0.11	0.11	0.11	0.11	0.11	0.11
10 Stall current	A	19.0	7.9	5.4	4.1	1.3	0.8
11 Stall torque	Nm	0.5	0.5	0.5	0.4	0.3	0.4
12 Stack length	mm	24	24	24	24	24	24
13 Maximum efficiency	%	68	64	65	71	62	70
14 Terminal resistance	Ω	0.5	2.4	4.7	11.7	72.0	171.0
15 Terminal inductance	mH	-	-	-	-	-	-
16 Speed constant	rpm/V	353	151	97	78	34	18
17 Torque constant	Nm/A	0.026	0.060	0.090	0.120	0.260	0.520
18 Speed torque gradient	rpm/Nm	9131	8230	4593	9980	13485	10916
19 Rotor inertia	gcm²	523	523	523	523	523	523

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	0.6
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