



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

		773352	773353	773354	773355	773356	773357
1 Part number		773352	773353	773354	773355	773356	773357
2 Nominal power	<b>W</b>	157	157	157	157	157	157
3 Nominal voltage	<b>V</b>	12	24	40	48	110	220
4 No load speed	<b>rpm</b>	4364	4115	3676	3870	3874	4110
5 No load current	<b>A</b>	1.46	1.08	0.56	0.45	0.26	0.12
6 Nominal speed	<b>rpm</b>	3000	3000	3000	3000	3000	3000
7 Nominal continuous torque (S1)	<b>Nm</b>	0.5	0.5	0.5	0.5	0.5	0.5
8 Nominal continuous current (S1)	<b>A</b>	22.5	10.5	5.7	4.7	2.3	1.1
9 Max. intermittent torque (S2 - 15 minutes)	<b>Nm</b>	0.65	0.65	0.65	0.65	0.65	0.65
10 Stall current	<b>A</b>	72.0	40.3	30.0	24.0	9.4	4.2
11 Stall torque	<b>Nm</b>	1.9	2.1	2.9	2.8	2.3	2.1
12 Stack length	<b>mm</b>	45	45	45	45	45	45
13 Maximum efficiency	<b>%</b>	69	68	71	75	63	71
14 Terminal resistance	<b>Ω</b>	0.2	0.6	1.3	2.0	11.8	52.6
15 Terminal inductance	<b>mH</b>	-	-	-	-	-	-
16 Speed constant	<b>rpm/V</b>	351	175	89	77	35	18
17 Torque constant	<b>Nm/A</b>	0.024	0.053	0.099	0.120	0.250	0.510
18 Speed torque gradient	<b>rpm/Nm</b>	2601	1963	1283	1398	1715	1991
19 Rotor inertia	<b>gcm<sup>2</sup></b>	1260	1260	1260	1260	1260	1260

### Thermal data

20 Ambient temperature	<b>°C</b>	40
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### Mechanical data

21 Radial load [distance from flange]	<b>N [mm]</b>	200 [15]
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### Other data

22 Number of poles		2
23 Weight	<b>Kg</b>	2.1
24 IP rating		IP21
25 Enclosure		Ventilated
26 Insulation Class		F
27 Reversible		Yes

### Compatible products

Gearbox	+L mm	Brake	+L mm	Controller
M Box	85	1.5 Nm	28.2	SC 50/15
MIW	83	2.0 Nm	32.4	ESCON
LWS	127			EPOS
LIW	102			
LIS	108			
GB12	110			
GB80	80			

+L mm = approximate added length\*

Encoder	+L mm
Optical	9
Magnetic	12

### Compatible products key

Product name	Standard combination
Product name	Modular combination

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