

Type

72

Reference Data*		SQM73-60		
Frame	-	73	-	-
Nominal Power ⁽¹⁾	P _N	0,29	-	kW
Nominal Speed	n _N	86	-	rpm
Nominal Torque ⁽¹⁾	M _N	32	-	Nm
Driver Voltage	V _N	278	160	VAC
Nominal Current ⁽¹⁾	I _N	1,5	2,6	A
Nominal Frequency	f _N	47,3	-	Hz
Pole Number	p	66	-	-
Nominal Efficiency	η	76	-	%
Duty Cycle	-	S1	-	-
Protection Degree	-	IP 54	-	-
Isolation Degree	-	F Class	-	-
Thermal Protection	-	PTC	-	-
Cooling	-	Natural with air flow	-	-
Maximum Noise	-	<45	-	dB
Colour	-	RAL 9005	-	-
Weight	-	14	-	kg
Front Bearing Type	-	6308	-	-
Feedback	-	NO	-	-
Connection Type	-	STAR	DELTA	-
Working Area Temperature	-	0 ...+50	-	°C
Storage Temperature	-	-10 ...+55	-	°C
Electrical Data				
Torque Constant ⁽²⁾	k _T	21,33	12,31	Nm/A
E.M.F (ph-ph) ⁽²⁾	V _E	1370	791	V/1000 rpm
Winding Resistance (ph-ph) ⁽²⁾	R _{ph}	28,2	9,4	Ω
Winding Inductance (ph-ph) ⁽²⁾	L _D	582	194	mH

Notes:

(1) ΔT = 70 K; difference between winding-temperature and ambient-temperature

(2) Electrical data are measured at 25 °C

* All data referenced to sinusoidal commutation

In accordance with our policy of continual product improvement, EMF MOTOR reserves the right to amend the specification of these products without prior notification.