



# LAKSHMI ELECTRICAL DRIVES PRIVATE LIMITED.,

Coimbatore - 641 004.

## TECHNICAL DATA SHEET - 0.75 KW 6 POLE INDUCTION MOTOR

1	Customer :	
2	Product no :	LE09065001
3	Output power (kW)	0.75
4	Output power (HP)	1
5	Phase	3
6	Polarity	6
7	Frame	90S
8	Voltage (V)	415±10%
9	Frequency & it's variation (Hz)	50±5%
10	Connection	STAR
11	Insulation class	F
12	Ambient temp ( Deg. C)	50
13	Duty	S1
14	Mounting	B5
15	Aplicable code	IS12615/IEC 60034-1
16	Type reference	Sq.Cage Induction motor
17	Full Load Current (Amps)	2.3
18	Full Load Torque -(Nm)	7.9
19	Full Load Speed (rpm)	910
20	Starting Current as % of FLC	500
21	Starting Torque as % of FLT	190
22	Brake down or Pull out Torque % FLT	250
23	%Efficiency at 100%	75.9 (IE2)
24	at 75%	75.9
25	at 50%	74.7
26	Power factor at 100%	0.66
27	at 75%	0.6
28	at 50%	0.52
29	Temperature Rise	B CLASS LIMIT
30	Service Factor	1
31	Moment of Inertia	0.0178
32	Direction of Rotation	Bidirectional
33	Coupling/Pulley	Direct/Flexible
34	Method of Cooling	IC411
35	Enclosure	TEFC
36	Protection	IP55
37	Bearing type	Deep Groove Ball Bearing
38	Bearing no. DE/NDE	6205 2RS / 6205 2RS
39	Paint/Coating	As per Customer Request
40	Material of Construction	Aluminium
41	Shaft Material	EN8
42	Relative Humidity	<90
43	Terminal box position	TOP
44	No of terminals	3
45	Working Altitude level.	As per customer requirement
46	Additonal Requirement	1000 MT

Efficiency Values are without seals.

Performance Data subject to tolerance as per IS:12615:2018