

DATASHEET



Three Phase Induction Motor

Drawing No.

SKU: TB36440051T001

Type: **T3A-IE3 112M1-4 4kW 400/690V 50Hz**

Identification

Frame:	112	mm	Insulation Class:	F
Output:	4	kW	Temperature Rise:	80K
Frequency:	50	Hz	Service Factor:	1,0
Poles:	4	P	Duty:	S1
Rated Speed:	1450	rpm	Ambient Temperature:	-20~40
Slip:	3,3	%	Altitude:	1000m
Rated Voltage:	400 / 690	V	Protection Degree:	IP55
Connection:	Δ/Y		Cooling:	IC411
Rated Current:	7,9 / 4,6	A	Mounting:	B3;B35;V1;B5;B14S;B14L;B34S;B34L
Rotor Voltage:			Vibration:	1,6 mm/s
Connection:			Approx. Weight:	33,9 kg
Rotor Current:			Moment of Inertia:	0,0152917 kg/m ²
Locked Rotor Current:	860	%	Noise Level (Lp) :	68 dB(A)
No Load Current:			Direction of Rotation:	BOTH
Rated Torque:	26,3	Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque:	310	%	Coupling:	DIRECT
Breakdown Torque:	370	%	Load Type:	PARABOLIC CURVE
Nominal Power Loses	12,87	%		

Performance

Output:	50%	75%	100%
Efficiency(%):	85,9	88,7	88,6
Power Factor:	0,70	0,78	0,82

Bearing Information

	DE	NDE
Bearing:	6306 2RZ C3	6206 2RZ C3
Regreasing int.(h):		
Grease amount(g)		
Grease-PolyrexEM		

Accessories

3x PTC 150°C

Notes

Standards

Specification:	IEC60034-1/GB755
Test:	IEC60034-2/GB/T1032
Noise:	IEC60034-9/GB10069.3
Vibration:	IEC60034-14/GB10068

Edition

Performed	Checked	Date

PRELIMINARY DOCUMENT

Item	Changes	Performed	Checked	Date

There may be differences between rating plate and calculated values.