

# DATASHEET



Three Phase Induction Motor

Drawing No.

SKU: TS372A1151T001

Type: **T3A-IE3 132M2-2 11kW 400/690V 50Hz**

### Identification

Frame:	132	mm	Insulation Class:	F
Output:	11	kW	Temperature Rise:	80K
Frequency:	50	Hz	Service Factor:	1,0
Poles:	2	P	Duty:	S1
Rated Speed:	2930	rpm	Ambient Temperature:	-20~40
Slip:	2,3	%	Altitude:	1000m
Rated Voltage:	400 / 690	V	Protection Degree:	IP55
Connection:	Δ/Y		Cooling:	IC411
Rated Current:	18,9 / 11,0	A	Mounting:	B3;B35;V1;B5;B14S;B14L;B34S;B34L
Rotor Voltage:			Vibration:	2,2 mm/s
Connection:			Approx. Weight:	64 kg
Rotor Current:			Moment of Inertia:	0,0241418 kg/m <sup>2</sup>
Locked Rotor Current:	1220	%	Noise Level (Lp) :	86 dB(A)
No Load Current:			Direction of Rotation:	BOTH
Rated Torque:	35,9	Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque:	360	%	Coupling:	DIRECT
Breakdown Torque:	410	%	Load Type:	PARABOLIC CURVE
Nominal Power Loses	9,65	%		

### Performance

Output:	50%	75%	100%
Efficiency(%):	88,5	91,3	91,2
Power Factor:	0,78	0,87	0,92

### Bearing Information

	DE	NDE
Bearing:	6308 2RZ C3	6208 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.