

# DATASHEET



Three Phase Induction Motor

Drawing No.

SKU: GB386A1151T001

Type: **OMT4-IE3 160L-6 11kW 400/690V 50Hz**

### Identification

Frame:	160	mm	Insulation Class:	F
Output:	11	kW	Temperature Rise:	80K
Frequency:	50	Hz	Service Factor:	1,0
Poles:	6	P	Duty:	S1
Rated Speed:	980	rpm	Ambient Temperature:	-20~40
Slip:	2,0	%	Altitude:	1000m
Rated Voltage:	400 / 690	V	Protection Degree:	IP55
Connection:	$\Delta/Y$		Cooling:	IC411
Rated Current:	22,0 / 12,7	A	Mounting:	B3;B35;V1;B5;B14S
Rotor Voltage:			Vibration:	2,2 mm/s
Connection:			Approx. Weight:	116 kg
Rotor Current:			Moment of Inertia:	0,1402695 kg/m <sup>2</sup>
Locked Rotor Current:	720	%	Noise Level (Lp) :	76 dB(A)
No Load Current:			Direction of Rotation:	BOTH
Rated Torque:	107,2	Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque:	200	%	Coupling:	DIRECT
Breakdown Torque:	210	%	Load Type:	PARABOLIC CURVE
Nominal Power Loses	10,62	%		

### Performance

### Bearing Information

Output:	50%	75%	100%	Bearing:	DE	NDE
Efficiency(%):	87,7	90,5	90,4	Regreasing int.(h):	6309 2RZ C3	6309 2RZ C3
Power Factor:	0,68	0,76	0,8	Grease amount(g)		
				Grease-PolyrexEM		

### Accessories

### Notes

3x PTC 150°C

### 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.