

DATASHEET



Three Phase Induction Motor

Drawing No.

SKU: GB384A1551T001

Type: **OMT4-IE3 160L-4 15kW 400/690V 50Hz**

Identification

Frame:	160	mm	Insulation Class:	F
Output:	15	kW	Temperature Rise:	80K
Frequency:	50	Hz	Service Factor:	1,0
Poles:	4	P	Duty:	S1
Rated Speed:	1470	rpm	Ambient Temperature:	-20~40
Slip:	2,0	%	Altitude:	1000m
Rated Voltage:	400 / 690	V	Protection Degree:	IP55
Connection:	Δ/Y		Cooling:	IC411
Rated Current:	27,3 / 15,8	A	Mounting:	B3;B35;V1;B5;B14S
Rotor Voltage:			Vibration:	2,2 mm/s
Connection:			Approx. Weight:	125 kg
Rotor Current:			Moment of Inertia:	0,1115805 kg/m ²
Locked Rotor Current:	780	%	Noise Level (Lp) :	76 dB(A)
No Load Current:			Direction of Rotation:	BOTH
Rated Torque:	97,4	Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque:	220	%	Coupling:	DIRECT
Breakdown Torque:	230	%	Load Type:	PARABOLIC CURVE
Nominal Power Loses	8,46	%		

Performance

Bearing Information

Output:	50%	75%	100%	Bearing:	DE	NDE
Efficiency(%):	89,4	92,3	92,2	Regreasing int.(h):	6309 2RZ C3	6309 2RZ C3
Power Factor:	0,73	0,82	0,86	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.