

DATASHEET



Three Phase Induction Motor

Drawing No.

SKU: GB33211021T001

Type: **OMT4-IE3 80M2-2 1,1kW 230/400V 50Hz**

Identification

Frame:	80	mm	Insulation Class:	F
Output:	1,1	kW	Temperature Rise:	80K
Frequency:	50	Hz	Service Factor:	1,0
Poles:	2	P	Duty:	S1
Rated Speed:	2890	rpm	Ambient Temperature:	-20~40
Slip:	3,7	%	Altitude:	1000m
Rated Voltage:	230 / 400	V	Protection Degree:	IP55
Connection:	Δ/Y		Cooling:	IC411
Rated Current:	4,0 / 2,3	A	Mounting:	B3;B35;V1;B5;B14S;B14L;B34S;B34L
Rotor Voltage:			Vibration:	1,6 mm/s
Connection:			Approx. Weight:	10,5 kg
Rotor Current:			Moment of Inertia:	0,001419 kg/m ²
Locked Rotor Current:	730	%	Noise Level (Lp) :	65 dB(A)
No Load Current:			Direction of Rotation:	BOTH
Rated Torque:	3,6	Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque:	220	%	Coupling:	DIRECT
Breakdown Torque:	230	%	Load Type:	PARABOLIC CURVE
Nominal Power Loses	20,77	%		

Performance

Bearing Information

Output:	50%	75%	100%	Bearing:	DE	NDE
Efficiency(%):	80,3	82,9	82,8	Regreasing int.(h):	6204 2RZ C3	6204 2RZ C3
Power Factor:	0,71	0,79	0,83	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.