



OMT1-IE3 90L-2 2,2kW 230/400V 50Hz , . # AA34222021T001-C

**DATASHEET**

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	OMT1-IE3	Run Capacitor:	
Output:	2,2 kW	Start Capacitor:	
Rated voltage:	230/400V	Rotor voltage:	
Frame:	90 mm	Rotor connection:	
Poles:	2	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	2850 RPM	Insulation class:	F
Rated current:	7,74/4,45 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	750%	Service factor:	1
Locked rotor torque(Ma/Mn):	220%	Duty:	S1
Breakdown torque(Ma/Mn):	230%	Amb. temp.:	-20~40 °C
Mounting:	B3	Altitude:	1000 m
Noise level:	59 dB	Protection:	IP55
Approx. weight:	27 kg	Cooling:	IC411
Mom. of inertia:	0,0022 kg/m <sup>2</sup>	Vibration:	1,6 mm/s
Slip:	5%	Dir. rotation:	BOTH
Rated torque:	7,37 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

**PERFORMANCE**

Output	50%	75%	100%
Efficiency(%):	83,8	86,5	86,4
Power factor:			0,83

**STANDARDS**

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

**BEARING**

	NDE	DE
Bearing	6205 2RZ	6205 2RZ
	C3	C3

Regreasing int(h):	-	-
Grease amount(g):	-	-
Grease polyrexEM:	-	-

**ACCESSORIES**

PTC 150°C

There may be differences between rating plate and calculated values