



OMT1-IE3 90L-4 1,5kW 230/400V 50Hz , . # AA34415021T001-C

DATASHEET

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	OMT1-IE3	Run Capacitor:	
Output:	1,5 kW	Start Capacitor:	
Rated voltage:	230/400V	Rotor voltage:	
Frame:	90 mm	Rotor connection:	
Poles:	4	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	1420 RPM	Insulation class:	F
Rated current:	6,09/3,5 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	760%	Service factor:	1
Locked rotor torque(Ma/Mn):	250%	Duty:	S1
Breakdown torque(Ma/Mn):	280%	Amb. temp.:	-20~40 °C
Mounting:	B3	Altitude:	1000 m
Noise level:	47 dB	Protection:	IP55
Approx. weight:	30 kg	Cooling:	IC411
Mom. of inertia:	0,0027 kg/m ²	Vibration:	1,6 mm/s
Slip:	5,3%	Dir. rotation:	BOTH
Rated torque:	10,1 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

PERFORMANCE

Output	50%	75%	100%
Efficiency(%):	82,7	85,4	85,3
Power factor:			0,72

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