



OMT1-IE3 80G-2 1,1kW 230/400V 50Hz , . # AA33211021T001-C

DATASHEET

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	OMT1-IE3	Run Capacitor:	
Output:	1,1 kW	Start Capacitor:	
Rated voltage:	230/400V	Rotor voltage:	
Frame:	80 mm	Rotor connection:	
Poles:	2	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	2865 RPM	Insulation class:	F
Rated current:	4/2,3 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	740%	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:	54 dB	Protection:	IP55
Approx. weight:	19 kg	Cooling:	IC411
Mom. of inertia:	0,0013 kg/m ²	Vibration:	1,6 mm/s
Slip:	4,5%	Dir. rotation:	BOTH
Rated torque:	3,73 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

PERFORMANCE

Output	50%	75%	100%
Efficiency(%):	80,2	82,8	82,7
Power factor:			0,83

STANDARDS

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

BEARING

Bearing	NDE	DE
	6204 2RZ	6204 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