



OMT1-IE3 132MX-6 5,5kW 400/690V 50Hz , . # AA37655053T001-C

DATASHEET

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	OMT1-IE3	Run Capacitor:	
Output:	5,5 kW	Start Capacitor:	
Rated voltage:	400/690V	Rotor voltage:	
Frame:	132 mm	Rotor connection:	
Poles:	6	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	960 RPM	Insulation class:	F
Rated current:	12,4/7,2 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	600%	Service factor:	1
Locked rotor torque(Ma/Mn):	200%	Duty:	S1
Breakdown torque(Ma/Mn):	280%	Amb. temp.:	-20~40 °C
Mounting:	B35	Altitude:	1000 m
Noise level:	54 dB	Protection:	IP55
Approx. weight:	85 kg	Cooling:	IC411
Mom. of inertia:	0,0585 kg/m2	Vibration:	2,2 mm/s
Slip:	4%	Dir. rotation:	BOTH
Rated torque:	54,7 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

PERFORMANCE

Output	50%	75%	100%
Efficiency(%):	85,4	88,1	88
Power factor:			0,72

STANDARDS

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

BEARING

Bearing	NDE	DE
	6308 2RZ	6308 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