



OMT1-IE3 250M-4 55kW 400/690V 50Hz , . # AA3C4A5551R00R

DATASHEET

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	OMT1-IE3	Run Capacitor:	
Output:	55 kW	Start Capacitor:	
Rated voltage:	400/690V	Rotor voltage:	
Frame:	250 mm	Rotor connection:	
Poles:	4	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	1480 RPM	Insulation class:	F
Rated current:	98,7/57,2 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	770%	Service factor:	1
Locked rotor torque(Ma/Mn):	250%	Duty:	S1
Breakdown torque(Ma/Mn):	360%	Amb. temp.:	-20~40 °C
Mounting:	B3	Altitude:	1000 m
Noise level:	69 dB	Protection:	IP55
Approx. weight:	529 kg	Cooling:	IC411
Mom. of inertia:	1,0236 kg/m ²	Vibration:	2,2 mm/s
Slip:	1,3%	Dir. rotation:	BOTH
Rated torque:	355 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

PERFORMANCE

Output	50%	75%	100%
Efficiency(%):	91,8	94,7	94,6
Power factor:			0,85

STANDARDS

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

BEARING

	NDE	DE
Bearing	6314 2RZ	6314 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