



OMT1-IE3 225M-2 45kW 400/690V 50Hz , . # AA3B2A4552T001

**DATASHEET**

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	OMT1-IE3	Run Capacitor:	
Output:	45 kW	Start Capacitor:	
Rated voltage:	400/690V	Rotor voltage:	
Frame:	225 mm	Rotor connection:	
Poles:	2	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	2960 RPM	Insulation class:	F
Rated current:	77,6/45 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	770%	Service factor:	1
Locked rotor torque(Ma/Mn):	230%	Duty:	S1
Breakdown torque(Ma/Mn):	340%	Amb. temp.:	-20~40 °C
Mounting:	B5	Altitude:	1000 m
Noise level:	76 dB	Protection:	IP55
Approx. weight:	350 kg	Cooling:	IC411
Mom. of inertia:	0,302 kg/m2	Vibration:	2,2 mm/s
Slip:	1,3%	Dir. rotation:	BOTH
Rated torque:	145 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

**PERFORMANCE**

<b>Output</b>	<b>50%</b>	<b>75%</b>	<b>100%</b>
Efficiency(%):	91,2	94,1	94
Power factor:			0,89

**STANDARDS**

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

**BEARING**

<b>Bearing</b>	<b>NDE</b>	<b>DE</b>
	6313 2RZ	6313 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