



OMD-IE3 180L-2 37kW 400/690V 50Hz , . # AC392A3753TA01

DATASHEET

50Hz |

Frame type:	cast iron	Connection:	Δ/Y
Model:	OMD-IE3	Run Capacitor:	
Output:	37 kW	Start Capacitor:	
Rated voltage:	400/690V	Rotor voltage:	
Frame:	180 mm	Rotor connection:	
Poles:	2	Rotor current:	
Frequency:	50 Hz	No load current:	
Rated speed:	2970 RPM	Insulation class:	F
Rated current:	63,3/36,7 A	Temp. rise:	80 K
Locked rotor current(Ia/In):	790%	Service factor:	1
Locked rotor torque(Ma/Mn):	200%	Duty:	S1
Breakdown torque(Ma/Mn):	230%	Amb. temp.:	-20~40 °C
Mounting:	B35	Altitude:	1000 m
Noise level:	85 dB	Protection:	IP23
Approx. weight:	255 kg	Cooling:	IC01
Mom. of inertia:	0,16 kg/m ²	Vibration:	2,2 mm/s
Slip:	1%	Dir. rotation:	BOTH
Rated torque:	119 Nm	Starting method:	DIRECT ON LINE
		Coupling:	DIRECT
		Load type:	PARABOLIC CURVE

PERFORMANCE

Output	50%	75%	100%
Efficiency(%):	92,3	93,5	93,7
Power factor:			0,9

STANDARDS

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

BEARING

	NDE	DE
Bearing	6312 C3	6312 C3 / NU312
Regreasing int(h):	2000	2000
Grease amount(g):	22	22
Grease polyrexEM:	Caltex SRI-2	Caltex SRI-2

ACCESSORIES

3xPTC 130°C &
3xPTC150°C

There may be differences between rating plate and calculated values