



SHANGHAI TOP MOTOR CO., LTD

Technical Data Sheet

Model **T3C 160M-6**

Housing material		Casting iron
Phase		Three
Frame size		160M
Power(50Hz)	kW	7.50
Current(A)400V	Δ	16.20
Current(A)690V	Y	9.39
Speed(50Hz)	(r/min)	960
Efficiency	IE3	
	Eff.100%	89.10
	Eff.75%	90.30
	Eff.50%	88.00
Power factor $\cos\phi$	100% load	0.75
60Hz 460/793V	Power(kW)	8.63
60Hz 480/830V	Power(kW)	9.00
Speed(60Hz)	(r/min)	1152
Regulations		IEC / DIN / ISO / VDE / EN
Standard		IEC 60034
Ambient Temp.		-20°C ~ +40°C
Maximum altitude		1000 m above sea level

Rated torque(N.m)	74.61
Tst/Tn (Times)	2.3
Tmax/Tn (Times)	2.8
Tmin/Tn (Times)	1.4
Ist/In (Times)	7.5
Bearings type(DE)	6309C3
Bearings type(NDE)	6309C3
Oil seals	45*65*8
Cable glands	2-M32*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	3x PTC Thermistors
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	73
Net weight(kg)	112.00
Moment of inertia (kg*m ²)	0.087260000

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