



MOTOR DATA SHEET

MOTOR PART CODE:

5.543TECA-IE3-230V

Model **T3A 132S-4**

Housing material		Aluminum
Phase		Three
Frame size		132
Power(50Hz)	kW	5.50
Current(A)230V	Δ	18.27
Current(A)400V	Y	10.55
Speed(50Hz)	(r/min)	1460
Efficiency	IE3	
	Eff.100%	89.60
	Eff.75%	89.80
	Eff.50%	89.40
Power factor cosφ	100% load	0.84
60Hz 265/460V	Power(kW)	6.33
60Hz 276/480V	Power(kW)	6.60
Speed(60Hz)	(r/min)	1760
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)	35.98
Tst/Tn (Times)	2.3
Tmax/Tn (Times)	3.5
Tmin/Tn (Times)	1.9
Ist/In (Times)	9
Bearings type(DE)	6308-2RZ
Bearings type(NDE)	6208-2RZ
Oil seals	40x58x7
Cable glands	2-M25*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	PTC130°C
Rotation direction	BI-DIRECTIONAL
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	71
Net weight(kg)	47.40
Moment of inertia (kg*m ²)	0.034464190

TEC Electric Motors Ltd, 291-296 Oak Drive, Hartlebury Trading Est, Kidderminster, Worcs, DY10 4JB
T: 01299 252 990 F: 01299 253 597 www.tecmotors.co.uk