

























Customer:		Application:	
Offer No.:		Industry:	
Order No.:		Date:	

Motor Details

Model:	4TEIE2180M-25	Amb. Temp.:	-20~+45°C
Frame:	180M	Enclosure & Protection:	TEFC, IP55
Voltage (V):	400 (+/- 10%)	Duty:	Continuous Rating
Frequency(Hz):	50 (+/- 3%)	Ins.Class:	F
Poles:	4	Temp.rise:	B
Power (kW):	18.5	Starting Method:	DOL
Efficiency Class:	IE2	Approximate Weight (kg):	158
Phases:	3	Altitude above sea level:	Up to 1000m

Motor Electrical Data

Starting Performance	LRC/FLC 750%		LRT/FLT 220%		
Operating Performance *LRC/FLC=Lock Rotor Current/Full Load Current *LRT/FLT=Lock Rotor Torque/Full Load Torque *FLT=Full Load Torque	Voltage (V)	400			Break Down Torque
	Frequency(Hz)	50			
	R.P.M.	1465			
	%Load	4/4	3/4	1/2	230% FLT
	Amp. (Rated)	34.0			Temp. Rise Limit (Resistance) Stator 80°C
	Eff.%	91.2	91.2	88.8	
	P.F.	0.86	0.84	0.76	

Motor Mechanical Interface

Mounting construction:	B3
Mounting flange:	/
Drive end shaft type :	Standard
Diameter drive end shaft (mm):	48k6
Length drive end shaft (mm):	110
Shaft material type:	45# steel
DE bearing:	6311C3
NDE bearing:	6211C3
Bearing grease:	MOBIL POLYREX EM.
Frame material:	Cast iron
Terminal box position:	Top
Material of terminal box:	Steel 08F
Terminal connect screw thread:	M6
Cable entry:	2-M36x2
Method of cooling:	IC411-self ventilated,surface cooled
Coating (painting finish):	Standard painting finish C2
Painting color:	RAL7030

Motor Options

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AURORA-MOTORS.COM 2031 American Avenue Hayward, California
 94545, telephone: (510) 264-1318 fax: (510) 264-1317
 email: sales@aurora-motors.com

DWG NO.

REV.00

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Customer:		Application:	
Offer No.:		Industry:	
Order No.:		Date:	

Motor Details

Model:	4TEIE2250M-75	Amb. Temp.:	-20~+45°C
Frame:	250M	Enclosure & Protection:	TEFC, IP55
Voltage (V):	400 (+/- 10%)	Duty:	Continuous Rating
Frequency(Hz):	50 (+/- 3%)	Ins.Class:	F
Poles:	4	Temp.rise:	B
Power (kW):	55	Starting Method:	DOL
Efficiency Class:	IE2	Approximate Weight (kg):	375
Phases:	3	Altitude above sea level:	Up to 1000m

Motor Electrical Data

Starting Performance	LRC/FLC 720%		LRT/FLT 220%		
Operating Performance *LRC/FLC=Lock Rotor Current/Full Load Current *LRT/FLT=Lock Rotor Torque/Full Load Torque *FLT=Full Load Torque	Voltage (V)	400	Break Down Torque		
	Frequency(Hz)	50			
	R.P.M.	1480			
	%Load	4/4	3/4	1/2	230% FLT
	Amp. (Rated)	98			Temp. Rise Limit (Resistance) Stator 80°C
	Eff.%	93.5	93.4	92.0	
	P.F.	0.87	0.86	0.78	

Motor Mechanical Interface

Mounting construction:	B3
Mounting flange:	/
Drive end shaft type :	Standard
Diameter drive end shaft (mm):	65m6
Length drive end shaft (mm):	140
Shaft material type:	45# steel
DE bearing:	6314C3
NDE bearing:	6313C3
Bearing grease:	MOBIL POLYREX EM.
Frame material:	Cast iron
Terminal box position:	Top
Material of terminal box:	Steel 08F
Terminal connect screw thread:	M10
Cable entry:	2-M63x1.5
Method of cooling:	IC411-self ventilated,surface cooled
Coating (painting finish):	Standard painting finish C2
Painting color:	RAL7030

Motor Options

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