DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Catalog #: 00712073E284TC-S Frame ::001-ODP Insulation class ::001 - ODP Duty cycle ::001 - ODP Ambient emparature ::001 - COP Attitude ::000 m.a.s.l. Ambient emparature ::000 m.a.s.l. Duty cycle ::000 m.a.s.l. Duty cycle ::000 m.a.s.l. Moment of ineria (J) ::000 sq.ttl.b Outgut [HP] 7.5 7.5 Frequency [H2] :00 :00 Ref outgate [M] :0050 :00 Ref outgate [M] :0510(Code F) :000(Code F) No load current [A] :0262-017:5:37 :10.053.0 :11:5:6:1:1 Ref outgate [RM] :1175 :975 :00 No load current [A] :2269 :80 :200 Stated soped [RPM] :33:1 :40.1 :39:9 Locked forto irongue [%] :200 :40 :80 Service factor :15:5 :11:5 :11:5 Timperature iste totavicroue [%] :200 :	Product line		: Rolled Steel NEMA Premium Efficiency Three-Phase	Product code :	12727235		
Insulation class : F Mounting ::F-1 Duty cycle : Cont.(S1) Rotation ::Both (CW and CCW) Ambient temperature ::20°C to +40°C Starting method :Direct On Line Attitude ::20°C to +40°C Approx.weight ¹⁰ :201 lb Datput [HP] 7.5 7.5 7.5 Ordes 6 6 6 6 Frequency [Hz] 60 50 50 50 Starting reprint [A] 226-220/460 190/380 220/415 146 Atted vortage [M] 104/52.0 97.6(48.8 104/65.2 17/11.5 R. Amperes [A] 1151/04/52.0 97.6(48.8 104/65.2 150 Re (A) 9.26-10/75.37 10.067.30 115/6.1 151 Strating specific [RM] 1175 970 975 318 Strating specific [RM] 115 1.15 1.15 1.15 Strating specific [RM] 208 3.00 2.20 20 Strack charue [RM] 208 <td< th=""><th></th><th></th><th></th><th>Catalog # :</th><th>00712OT3E</th><th>254TC-S</th></td<>				Catalog # :	00712OT3E	254TC-S	
Insulation class : F Mounting ::F-1 Mounting ::F-1 Duby cycle ::Cont.(S1) Rotation1 ::Both (CW and CCW) Starting method :Direct OL Ine Direct OL Ine Attitude ::20°C to +40°C Starting method :Direct OL Ine Direct OL Ine Dir	Frame		: 254/6TC	Cooling method	: IC01 - OD	C	
Ambient temperature ::-20°C to +40°C Starting method : Direct On Line Design :: 8 Moment of inertia (J) : 201 b Dutput [HP] 7.5 7.5 7.5 Poles 6 6 6 Starting method : 201 b Moment of inertia (J) : 201 b And poly in the method in the start outge [V] : 206 a 6 6 Starting users : 101 0 0 0 0 : 200 sq.ft.lb : 201 b Starting users : 101 0 0 0 : 200 sq.ft.lb : 201 b Starting users : 101 0 0 0 : 200 sq.ft.lb : 201 b Starting users : 101 0 0 0 : 200 sq.ft.lb : 201 b No load current [A] : 226 - 20 4/10 2 : 24 4/12 2 : 21 7/11 : 5 RC [A] : 51 xi(Code F) : 4 0xi(Code D) : 4 8xi(Code F) No load current [A] : 92.6 17/6 37 10 6/6 30 : 15 5 Starting users (RL [L]) : 33 1 : 40.1 : 39 3 Starting users (RL [L]) : 33 1 <td: 40.1<="" td=""> : 15 5</td:>	Insulation class		:F				
Altitude : 1000 m.a.s.i. Approx.weight ^b : 201 b Design : B Moment of inertic (J) : 2.00 sq.ft.lb Dutput [HP] 7.5 7.5 7.5 Teguency [Hz] 60 50 200 Stated current [A] 226-230/460 190/380 2220/415 Taked current [A] 226-20/410.2 24/412.2 217/111.5 .R. Amperes [A] 115-104/52.0 976/44.8 101/452.2 RC [A] 5.1x(Code F) 4.0x(Code D) 4.8x(Code F) Via load current [A] 92.6-10.7/6.37 10.6/6.30 11.5/6.11 Taked speed [RPM] 1175 970 975 Taked foruge [t,lb] 33.1 40.1 39.9 Cocked rotor turge [%] 2200 140 180 Service factor 1.15 1.15 1.15 Emperature rise 80 K 80 K 80 K cocked rotor turge [%] 20% 89.1 89.3 88.6 Frightency (%) 75% 0.56 0.63 0.5							
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Checked by Page Revision	Rev.		Changes Summary	Performed	Checked	Date	
	Performed by						
Date 22/01/2018 1 /	Checked by				Page	Revision	
	Date	22/01/2018			1/		

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