



Customer information packet

CEM4313T-G

75HP, 3555RPM, 3PH, 60HZ, 365TSC, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	365TSC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	75.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA EEV CCSA US
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	165.000 A @ 230.0 V 82.400 A @ 460.0 V
Design Code	B
Duty Rating	CONT
Efficiency @ 100% Load	94.1 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	82.4 a
Insulation Class	H
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	F
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 4 AWG

Part detail

Revision	E
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG3719
Layout	617428-017
Eff. date	07-08-2024
CD Diagram	416820-002
Poles	02
Leads	3#4,6#6
Proprietary	False
Created date	08-20-2019

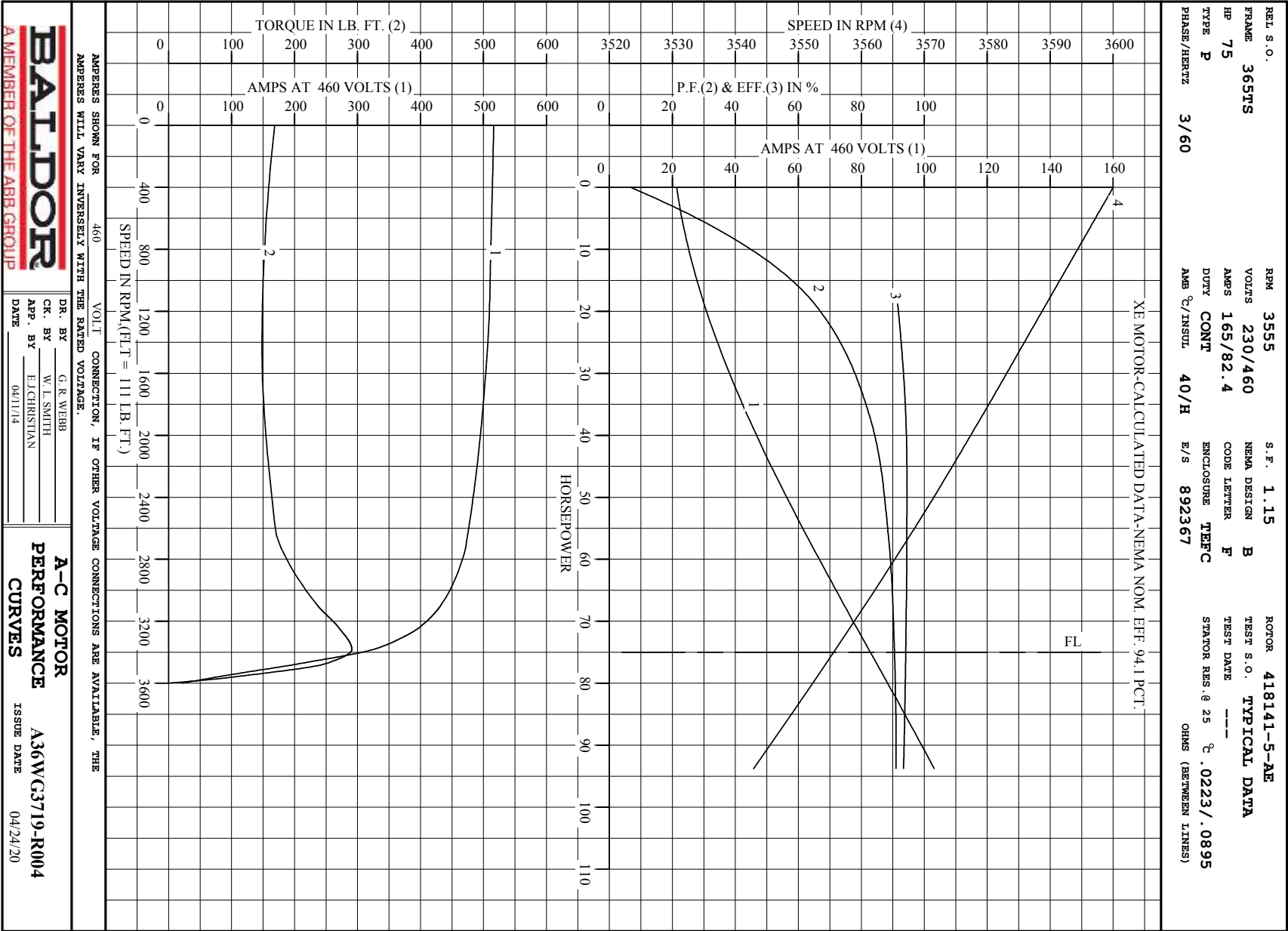
Motor Standards	NEMA
Motor Type	A36068M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	31.31 IN
Power Factor	91
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	1.875 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3555 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

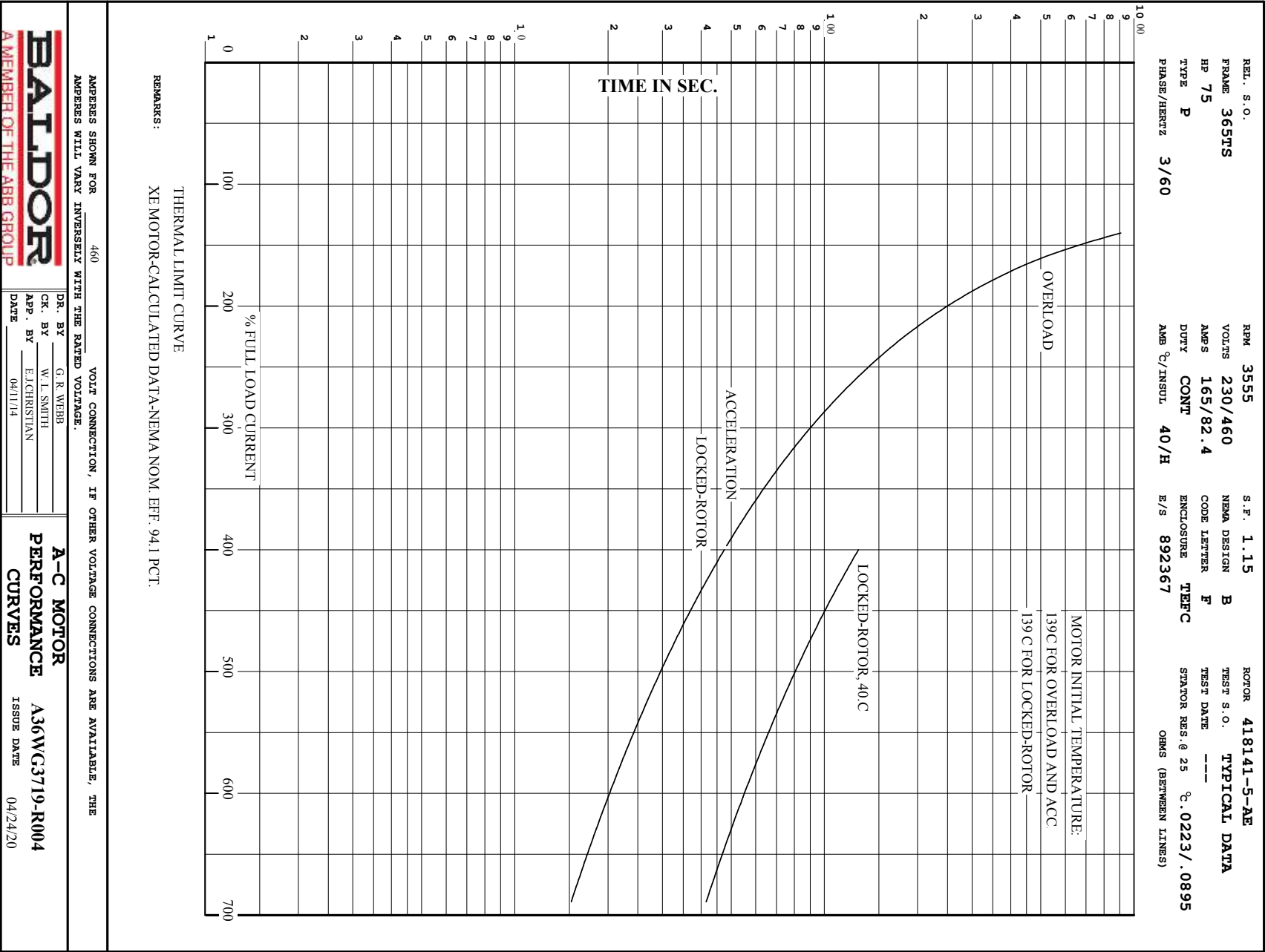
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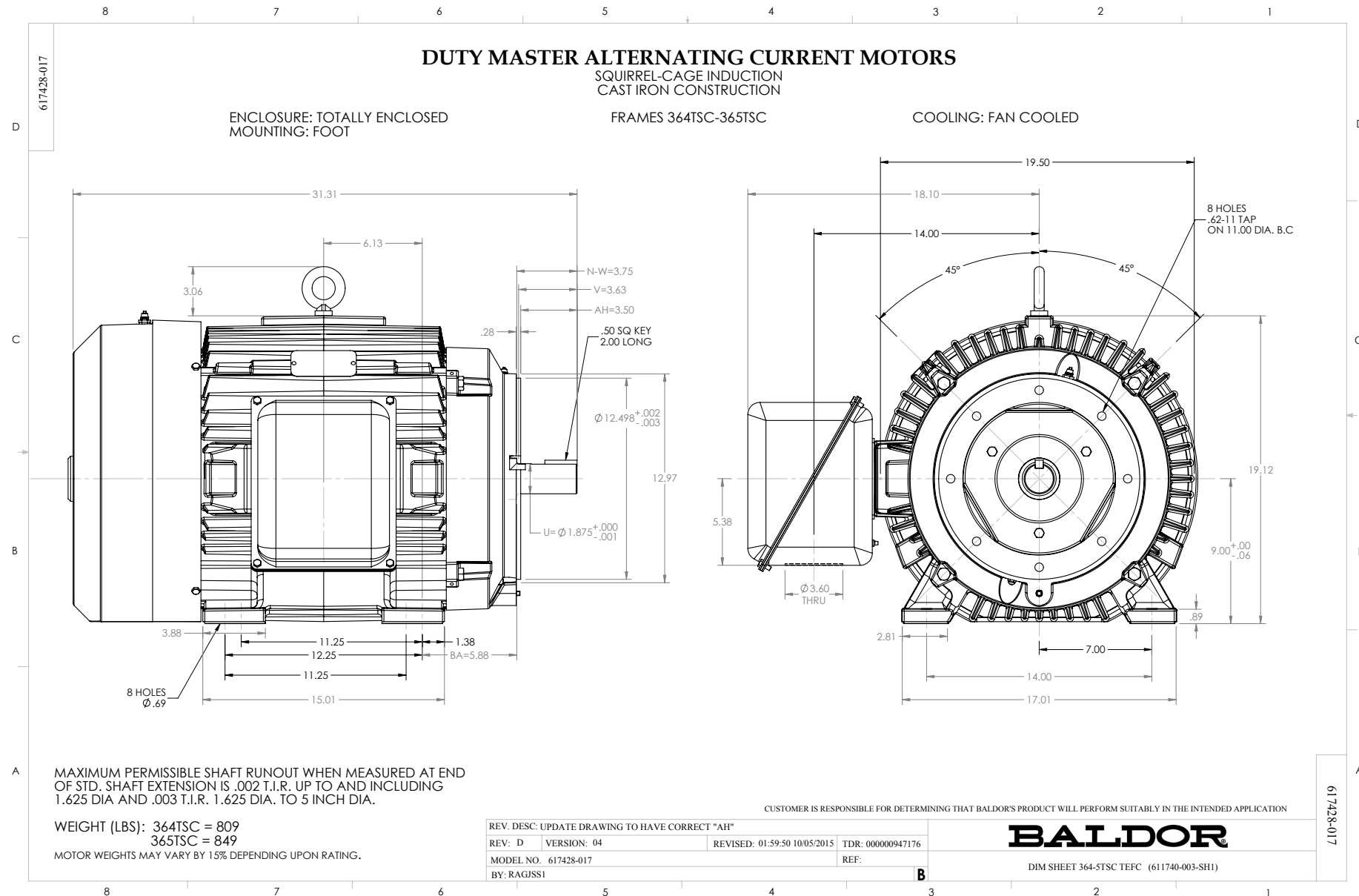
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CAT #		CEM4313T-G				SER					CC		010A														
SPEC		A36-7044-3719				RATING		40C AMB-CONT																			
HZ		VOLTS		AMPS		RPM		HP		CODE		SF		DES		PF		NEMA NOM. EFF									
60		230/460		165/82.4		3555		75		F		1.15		B		91 %		94.1 %									
		-														% %											
PH	3	CL	H	MAX CORR KVAR		8																					
BRG		DE		6313		ODE		6313		ENCL		TEFC		FR		365TSC		44									
GREASE		POLYREX EM									MTR WT					LBS											
USABLE AT		50HZ 60HP 190/380V 158/79A									SF1.0																
INVERTER DUTY		CT		15-60		HZ		4:1		VT		3-60		HZ		20:1		CHP		60-75		HZ		1.5:1		1.0 SF VPWM	
MAX RPM		4500		SFA 190/95																							

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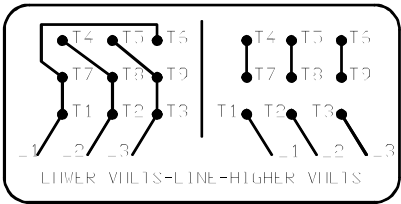
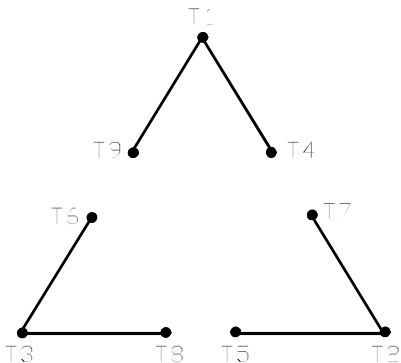






416820-002

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

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CONN DIAG — STANDARD 9 LEAD, DELTA-CONNECTED
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