



Customer information packet

VHECP4310T

60HP, 3550RPM, 3PH, 60HZ, 364HP, 1452M, TEFC, F

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	364HP
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	60.000 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	NEMA PREMIUM CSA EEV
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Bracket Mounted
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	65.100 A @ 460.0 V 130.000 A @ 230.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	65.1 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 4 AWG

Part detail

Revision	G
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0760
Layout	617428-035
Eff. date	08-12-2025
CD Diagram	416820-002
Poles	02
Leads	3#4,6#6
Proprietary	False
Created date	10-19-2010

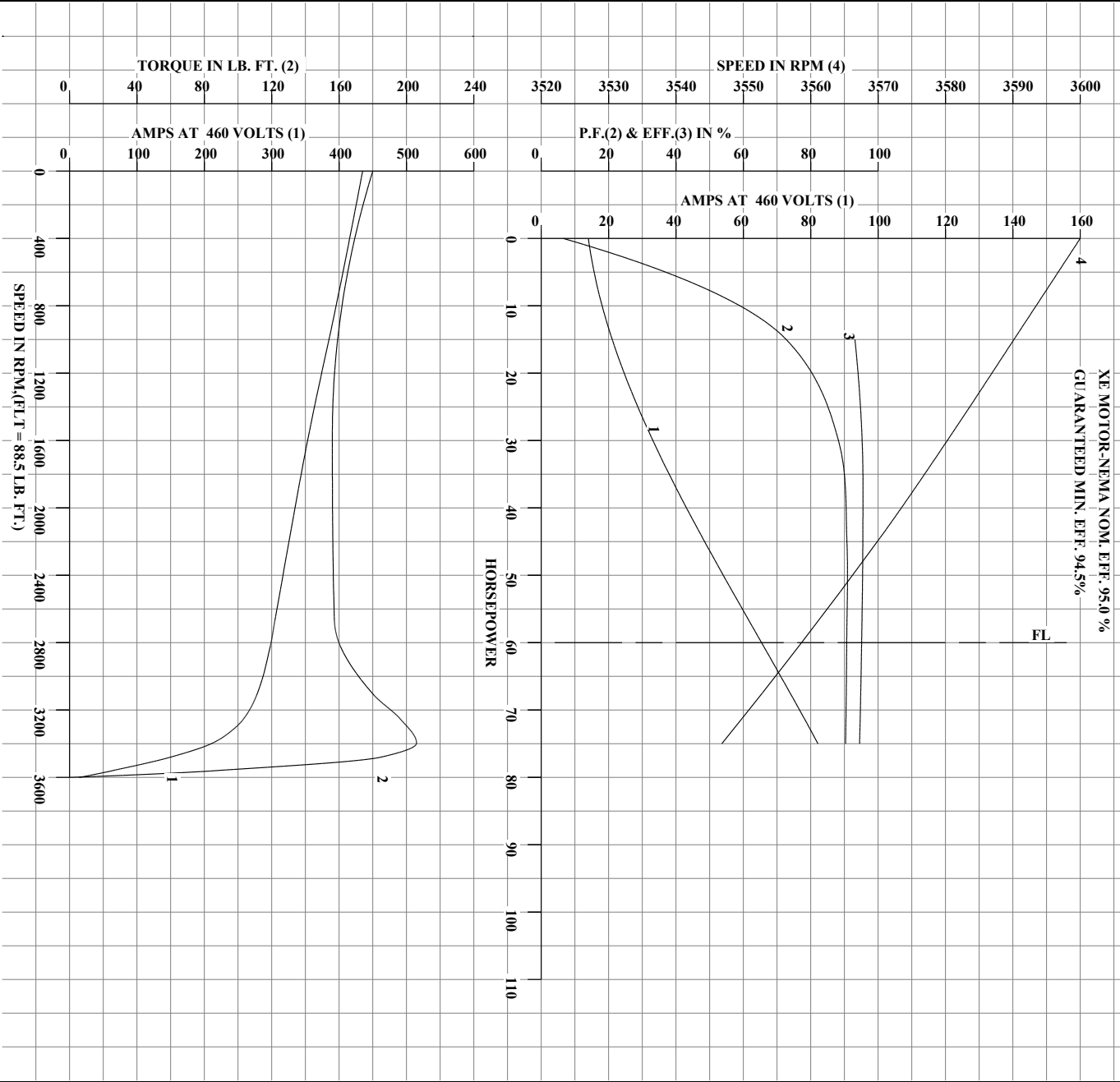
Motor Standards	NEMA
Motor Type	A36056M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	35.36 IN
Power Factor	91
Pulley End Bearing Type	Ball
Pulley Face Code	P-Base
Service Factor	1.15
Shaft Diameter	1.625 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	3560 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

000613007EW														
CAT.NO.	VHECP4310T					SPEC NO.		P36G3416						
HP	60	AMPS		130/65.1			VOLTS		230/460		DESIGN		B	
FRAME	364HP	RPM	3560			HZ	60	AMB	40	SF	1.15			
DRIVE END BEARING	65BC03J30X			PH	3	DUTY	CONT	INSUL.CLASS			F			
OPP D.E. BEARING	65BC03J30X			TYPE	P	ENCL	TEFC	CODE	G					
D.E.BRG.DATA	6313			POWER FACTOR				90.7		NEMA NOM EFFICIENCY				95
O.D.E.BRG.DATA	6313			MAX CORR KVAR				05.0		GUARANTEED EFFICIENCY				94.5
3/4 LOAD EFF.	95		NEMA NOM/CSA QUOTED EFF											
SER.NO.						MOTOR WEIGHT								

000901002AAA	
SUIT FOR 208 V AT 144 AMPS	

REL.S.O.	FRAME 364HP	HP 60	TYPE P	PHASE / HERTZ 3/60	RPM 3560	VOLTS 230/460	AMPS 130/65.1	DUTY CONT	AMB °C / INSUL. 40/F	S.F. 1.15	NEMA DESIGN F	CODE LETTER G	ENCLOSURE TEFC	E/S 491281	ROTOR 418141005XE	TEST S.O. TYPICAL DATA	TEST DATE ---	STATOR RES. @ 25°C .0254/.101	OHMS (BETWEEN LINES)
----------	-------------	-------	--------	--------------------	----------	---------------	---------------	-----------	----------------------	-----------	---------------	---------------	----------------	------------	-------------------	------------------------	---------------	-------------------------------	----------------------



AMPERES SHOWN FOR 230/460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DRAWN BY: W.L.SMITH
CHECKED BY: G.R.WEBB
APPROVED BY: D.M.BYRD
DATE: 03/11/02

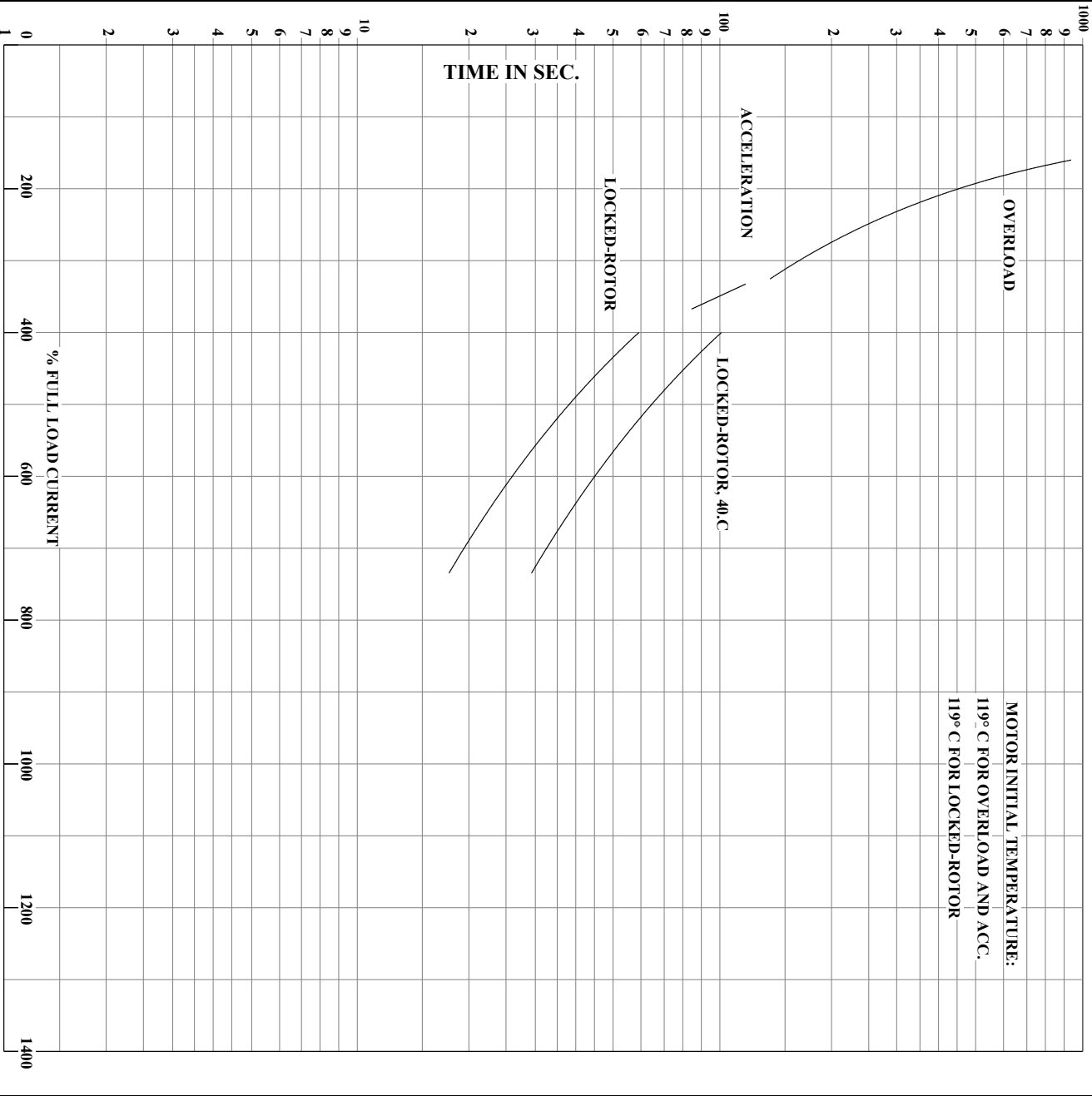
AC MOTOR
PERFORMANCE
DATA

A36W/G0760-R001
ISSUE DATE 09/26/18

usbrpen

Printed on 09/26/2018 10:09 AM

REL.S.O.	RPM 3560	S.F. 1.15	ROTOR 418141005XE
FRAME 364HP	VOLTS 230/460	NEMA DESIGN F	TEST S.O. TYPICAL DATA
HP 60	AMPS 130/65.1	CODE LETTER G	TEST DATE --
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .0254/.101
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S 491281	OHMS (BETWEEN LINES)



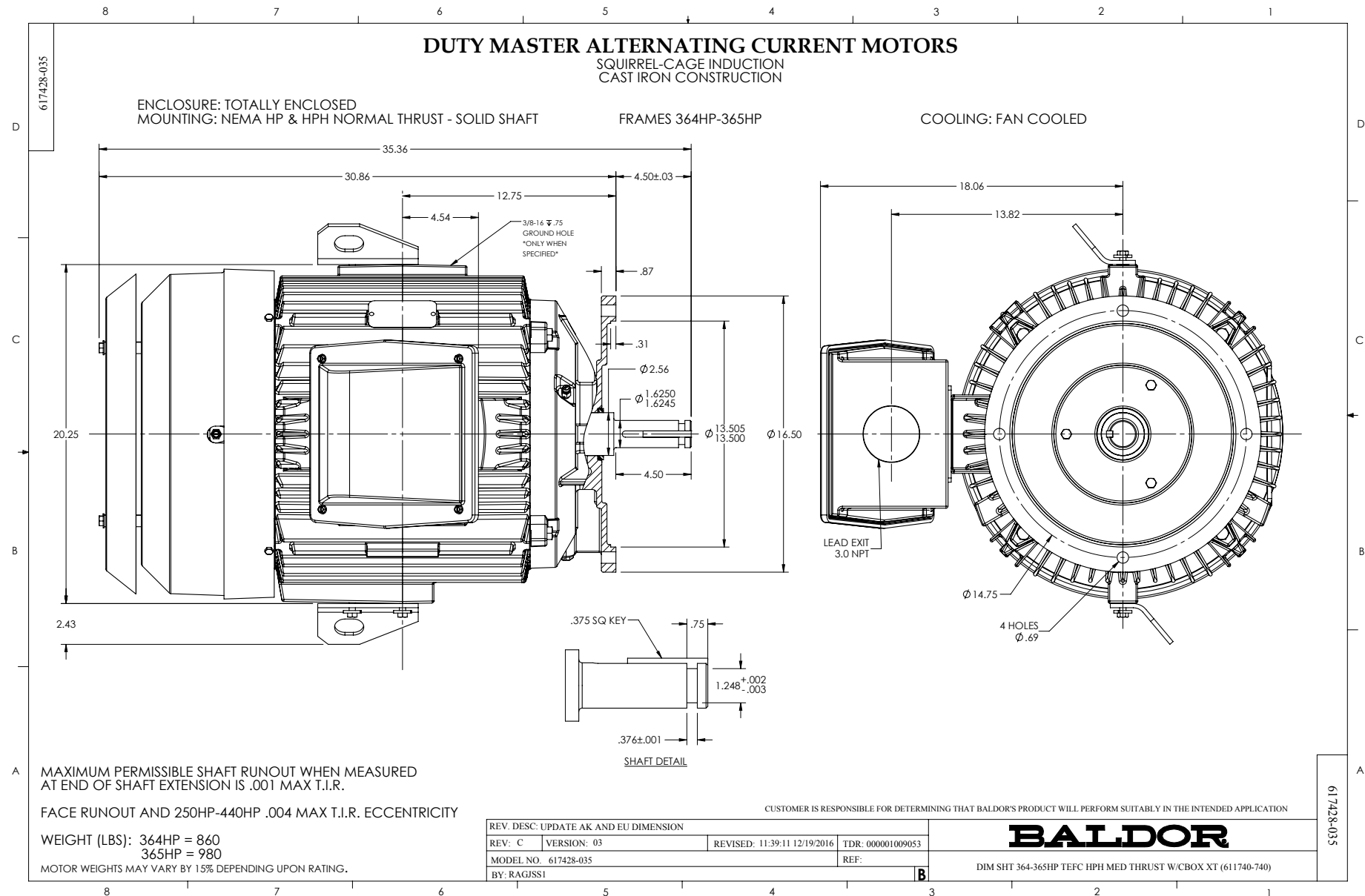
THERMAL LIMIT CURVE

AMPERES SHOWN FOR 230/460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

	DRAWN BY: W.L.SMITH CHECKED BY: G.R.WEBB APPROVED BY: D.M.BYRD DATE: 03/11/02	AC MOTOR PERFORMANCE DATA	A36W/G0760-R001 ISSUE DATE 09/26/18
---	--	---------------------------------	--

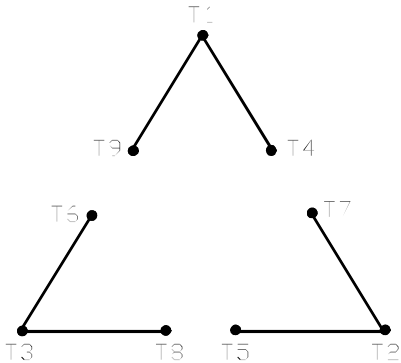
usbrpen

Printed on 09/26/2018 10:09 AM



416820-002

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



(N.P. 1575-B)

REV. DESC: FONT CHANGE FOR PDF SEARCHABLE		
REV. LTR: A	VERSION: 01	TDR: 000001009382
FILE: \MGA\00000\661	REVISED: 02:46:19 02/13/2020	BY: MGHMTT
MTL: —		

BALDOR - RELIANCE®

CONN DIAG — STANDARD 9 LEAD, DELTA-CONNECTED
SH 1 of 1

416820-002