



Customer information packet

ECP4310T-4

60HP, 3560RPM, 3PH, 60HZ, 364TS, A36056M, TEFC

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	364TS
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CL I GP A,B,C,D
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV NEMA PREMIUM NEMA_PREMIUM UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	6-60
Current @ Voltage	65.100 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	65.1 a
Insulation Class	F
Inverter Code	Inverter Ready

Part detail

Revision	AC
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0130
Layout	617428-036
Eff. date	08-26-2024
CD Diagram	416820-036
Poles	02
Leads	3#4
Proprietary	False
Created date	10-19-2010

KVA Code	F
Lifting Lugs	No Lifting Lugs
Max Speed	4500 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36056M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	31.37 IN
Power Factor	90
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	1.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3560 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

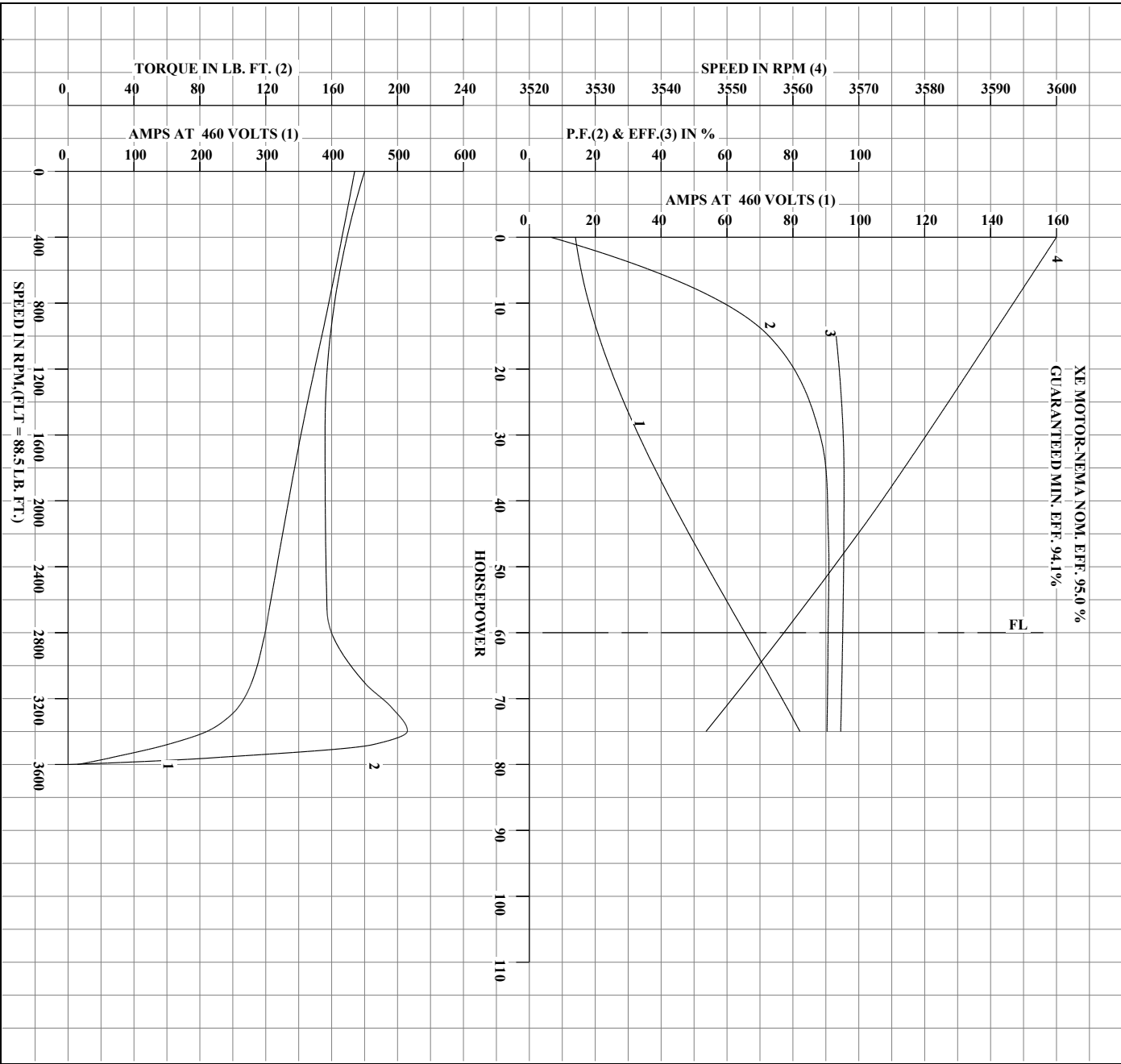
NP4033LUA															
CAT #	ECP4310T-4					SER				CC	010A				
SPEC	P36G397					RATING	40C AMB-CONT								
HZ	VOLTS			AMPS		RPM	HP	CODE	-	SF	DES	PF	NEMA NOM. EFF		
60	460			65.1		3560	60	F		1.15	B	90	%		
												%	%		
PH	3	CL	F	MAX RPM	4500	MAX CORR KVAR		5							
BRG	DE	6313		ODE	6313	ENCL	TEFC	FR	364TS		IP	55			
GREASE	POLYREX EM								MTR WT	883	LBS				
CL I DIV 2 GRPS A,B,C,D					CL I ZONE 2 GRPS					IIA,IIB,IIC			TEMP T	200	C
INV READY		CT	0.7-60		HZ	1000:1	VT	0-60	HZ	1000:1		CHP	60-75	HZ	1.25:1
INV TEMP CL		200	C	USABLE AT		50HZ 50HP 380V 66A							SF1.0		

Accessories

Part number	Description	Multiplier
K36G2	C-FACE KIT	A8

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REL.S.O.	FRAME 364	HP 60	TYPE P	PHASE / HERTZ 3/60	RPM 3560	VOLTS 460	AMPS 65.1	DUTY CONT	AMB °C / INSUL. 40/F	S.F. 1.15	NEMA DESIGN B	CODE LETTER G	ENCLOSURE TEFC	ROTOR 418141005XE	TEST S.O. TYPICAL DATA	TEST DATE ---	STATOR RES. @ 25°C .101	OHMS (BETWEEN LINES)
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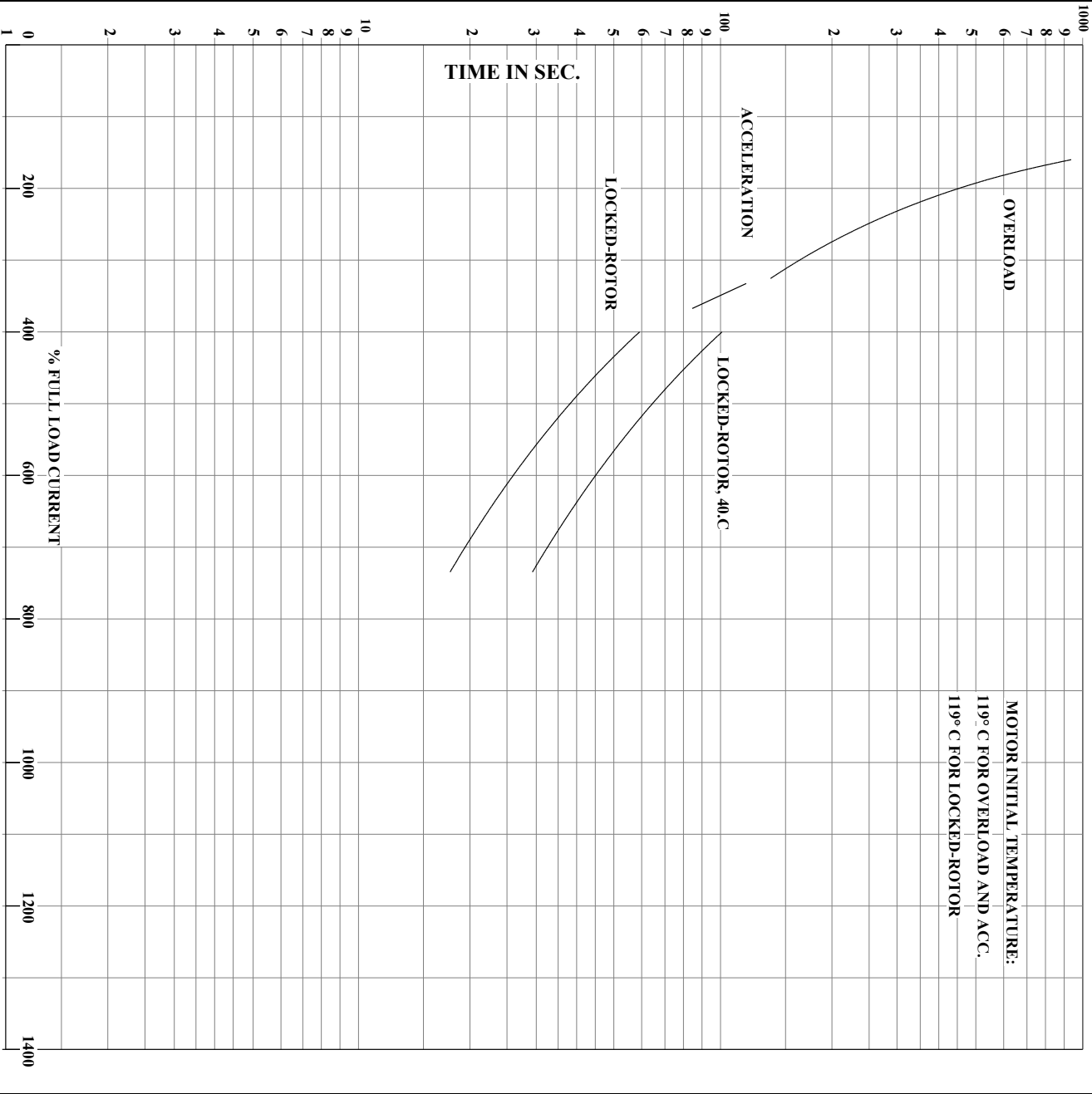
AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

	DRAWN BY: G. R. WEBB	AC MOTOR	A36WG0130-R006
	CHECKED BY: J.J. HARRISON	PERFORMANCE	
	APPROVED BY: E.J. CHRISTIAN	DATA	
	DATE: 07/31/02		

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REL.S.O.	RPM 3560	S.F. 1.15	ROTOR 418141005XE
FRAME 364	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 60	AMPS 65.1	CODE LETTER G	TEST DATE --
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .101
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S 491282	OHMS (BETWEEN LINES)



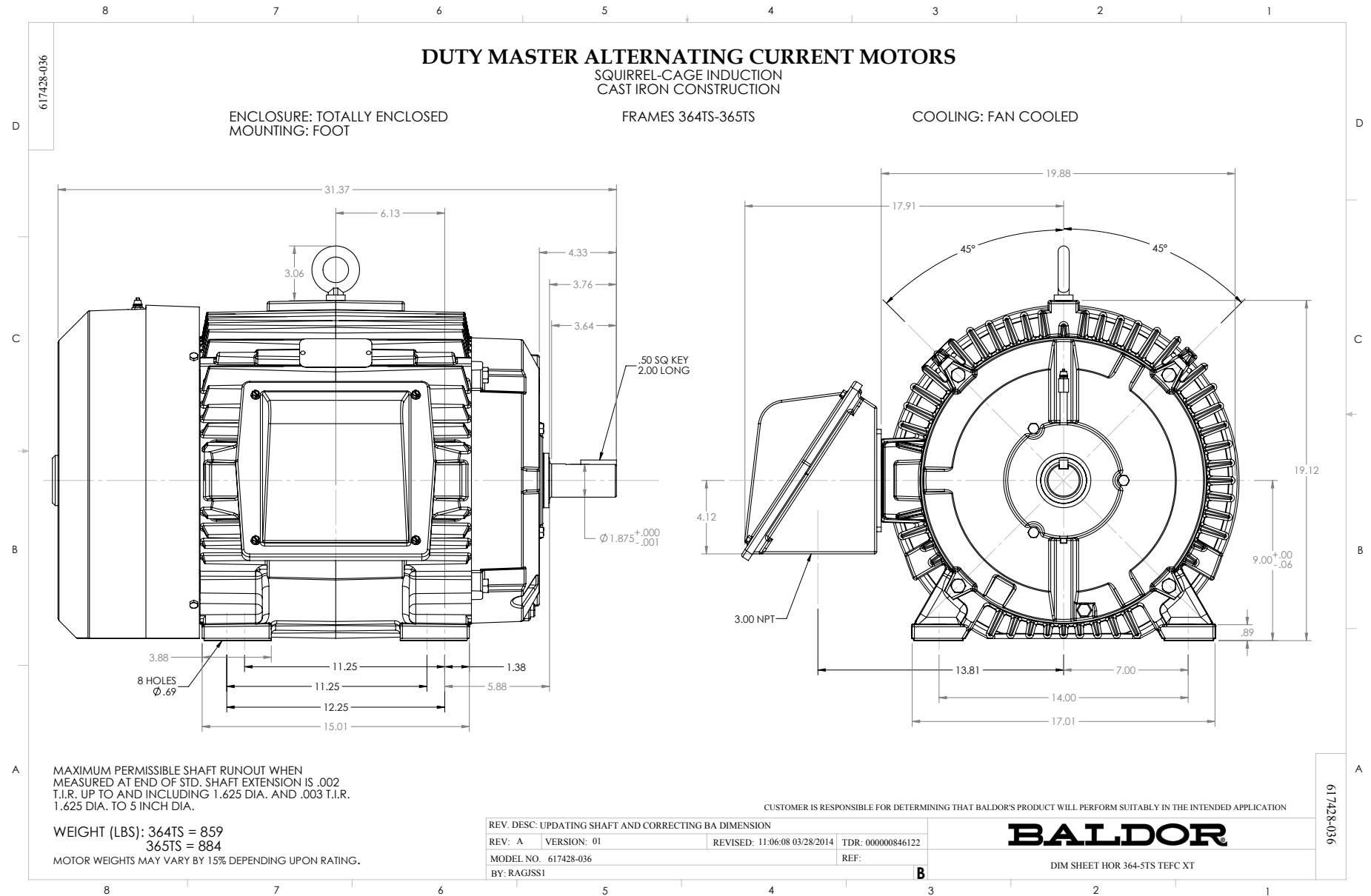
THE THERMAL LIMIT CURVE
FOR THIS MOTOR-NEMA NOM. EFF. 95.0 %

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

	DRAWN BY: G. R. WEBB CHECKED BY: J. J. HARRISON APPROVED BY: E. J. CHRISTIAN DATE: 07/31/02	AC MOTOR PERFORMANCE DATA	A36WG0130-R006 ISSUE DATE 05/13/21
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416820-036

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010
MTL: -		BY: RAGRA

BALDOR

CONN DIAG - STANDARD 3 LEAD
SH 1 of 1