



Customer information packet

EJPM4310T

60HP, 3560RPM, 3PH, 60HZ, 364JP, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	364JP
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	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	134.000 A @ 230.0 V 67.300 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.6 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	67.3 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	F
Lifting Lugs	Standard Lifting Lugs

Part detail

Revision	C
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG1724
Layout	617431-552
Eff. date	09-04-2024
CD Diagram	416820-002
Poles	02
Leads	3#4,6#6
Proprietary	False
Created date	03-01-2019

Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36048M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	36.30 IN
Power Factor	89
Product Family	Pump - Centrifugal
Pulley End Bearing Type	Ball
Service Factor	1.15
Shaft Diameter	1.625 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 - Winding	None

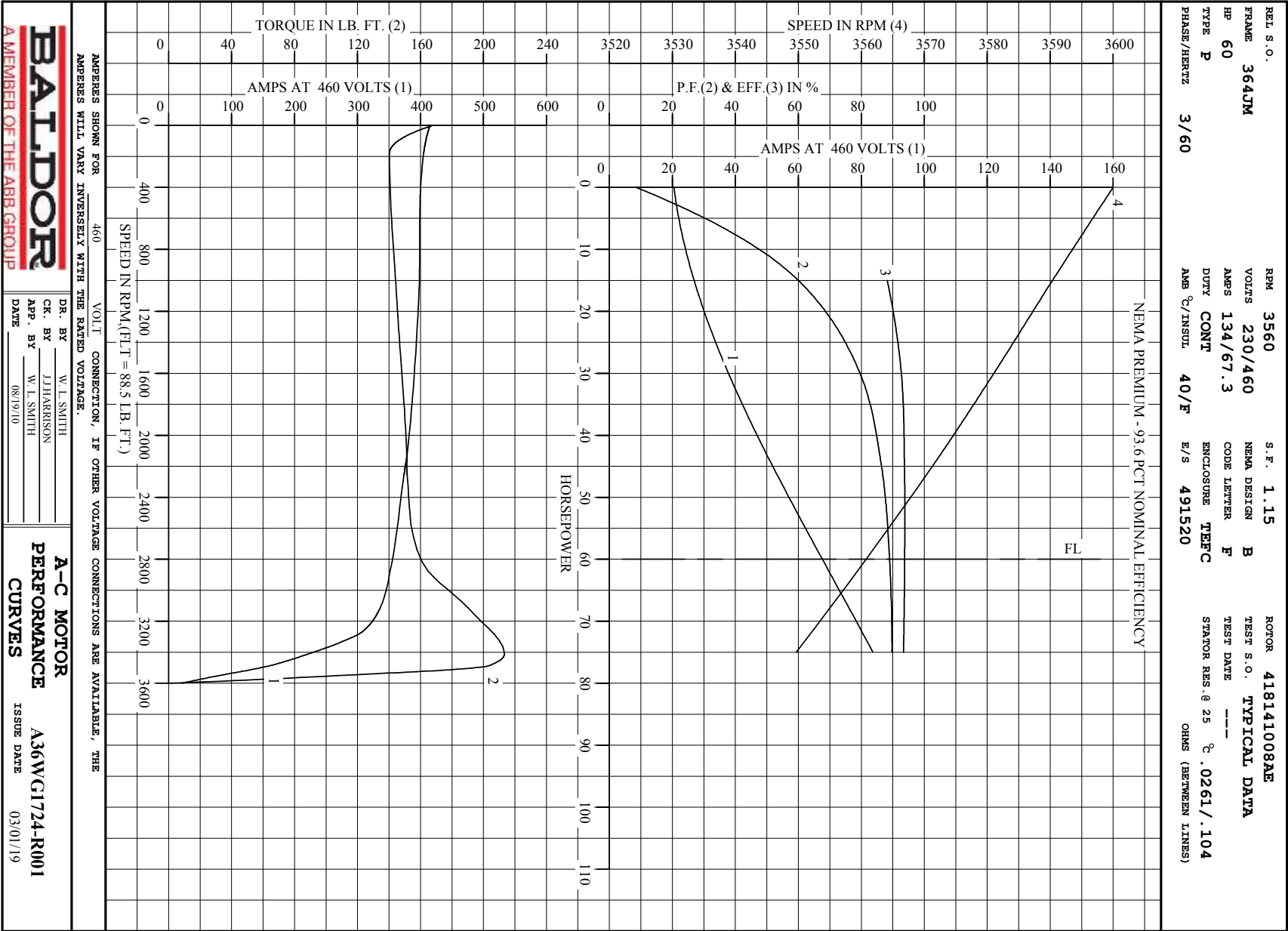
Nameplate

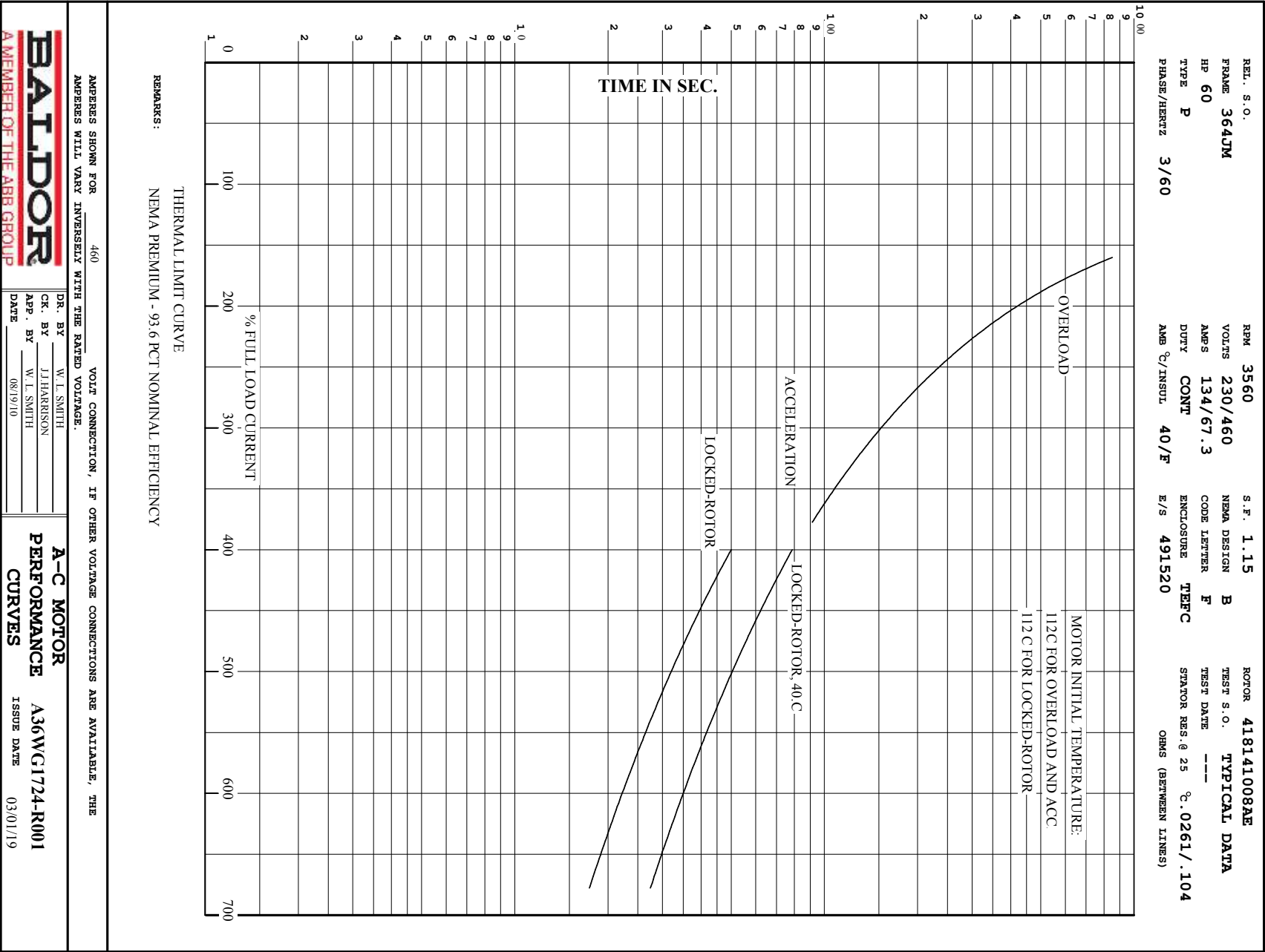
NP2496L	
MOBIL POLYREX EM	

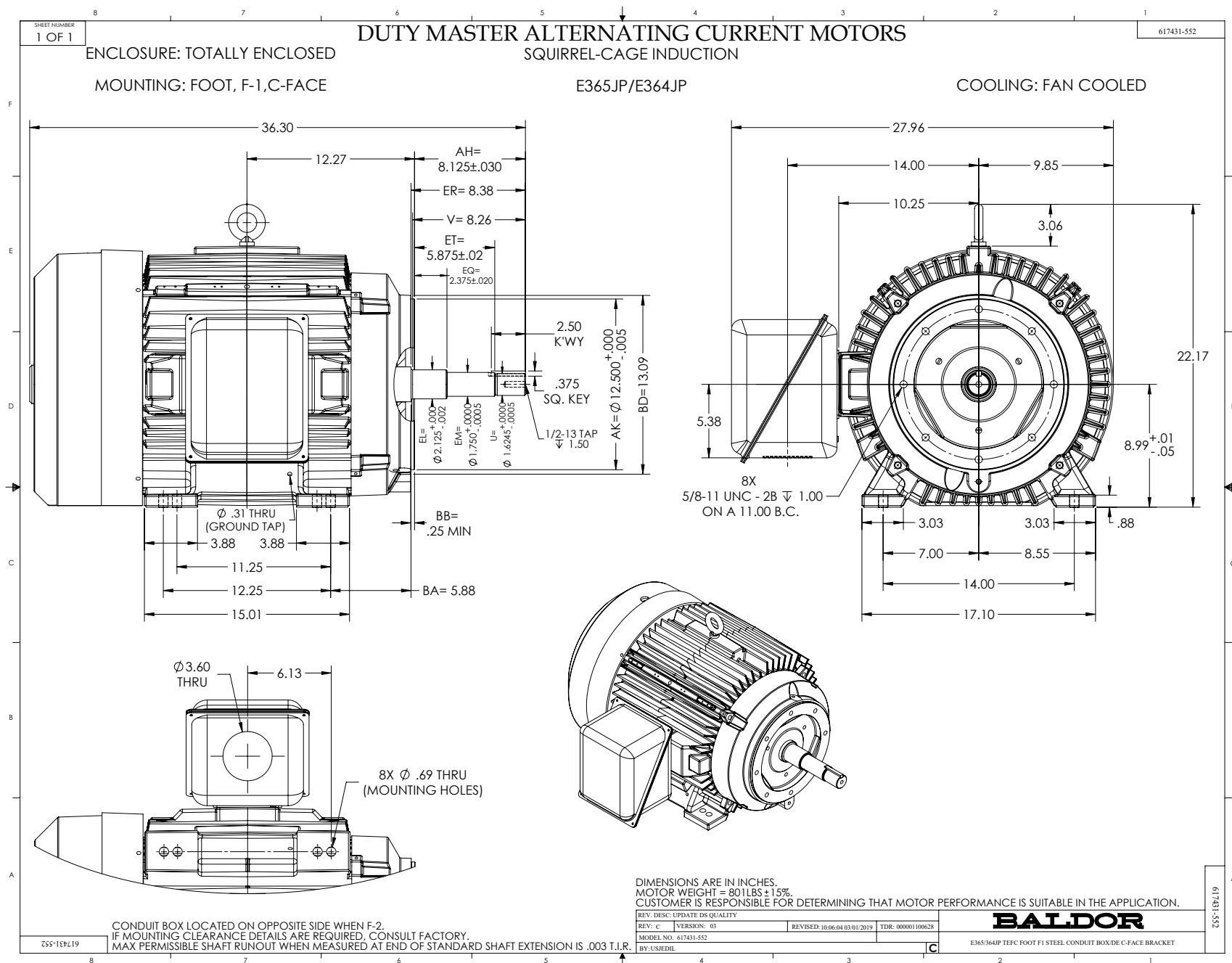
NP2349L

SPEC NO.	A36-5746-1724			CAT.NO.	EJPM4310T					FRAME	364JP	
HP	60	VOLTS	230/460		PHASE	3	DESIGN	B	TYPE	P		
RPM	3560	AMPS	134/67.3		HZ	60	AMB	40	SF	1.15		
DRIVE END BEARING	65BC03J30X			DUTY	CONT	INSUL.CLASS		F				
OPP D.E. BEARING	65BC03J30X			ENCL	TEFC	CODE	F					
SER.NO.				POWER FACTOR		89	NEMA-NOM-EFFICIENCY					93.6
						MAX CORR KVAR			8.7	GUARANTEED EFFICIENCY		92.4
						NEMA NOM/CSA QUOTED EFF						
						MOTOR WEIGHT						

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	364JM	60	P	3/60	3560	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
134/67.3	CONT	40/F	1.15	B	F	TEFC
E/S	ROTOR		TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)	
491520	418141008AE		---	---	.0261/.104	
PERFORMANCE						
LOAD	HP	AMPERES	RPM	POWER % FACTOR	% EFFICIENCY	
NO LOAD	0	20.6	3600	8.45	0	
1/4	15.0	26.5	3590	60.0	88.2	
2/4	30.0	38.1	3581	79.6	92.7	
3/4	45.0	52.0	3571	86.4	93.7	
4/4	60.0	67.3	3561	89.0	93.8	
5/4	75.0	83.8	3550	89.7	93.4	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	190	168	415		
PULL UP	180	159	140	405		
BREAKDOWN	3411	241	213	222		
FULL LOAD	3561	100	88.5	67.3		
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA						
NEMA PREMIUM - 93.6 PCT NOMINAL EFFICIENCY						
				A-C MOTOR PERFORMANCE DATA		
DR. BY W. L. SMITH CR. BY J. J. HARRISON APP. BY W. L. SMITH DATE 08/19/10				A36WG1724-R001 ISSUE DATE 03/01/19		
A MEMBER OF THE ABB GROUP						







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
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BALDOR - RELIANCE®

CONN DIAG — STANDARD 9 LEAD, DELTA-CONNECTED
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