

ABB BALDOR RELIANCE III

Customer information packet

EM2551T-8

75HP, 1780RPM, 3PH, 60HZ, 365T, A36056M, DP, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	DP
Frame	365T
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	1800 RPM @ 60 HZ
Voltage @ Frequency	200.0 V @ 60 HZ
Agency Approvals	CURUSEEV
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	202.000 A @ 200.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	202.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 6 AWG
Motor Standards	Other
Motor Type	A3658M
Mounting Arrangement	F1

Part Detail

Revision	M
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG4210
Layout	617428-130
Eff. date	09-29-2025
CD Diagram	CD0695
Poles	04
Leads	6#6
Proprietary	False
Created date	09-23-2011

Number of Poles	4
Overall Length	29.70 IN
Power Factor	84
Product Family	Other
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.374 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Part Winding
Thermal Device - Bearing	None
Thermal Device - Winding	None

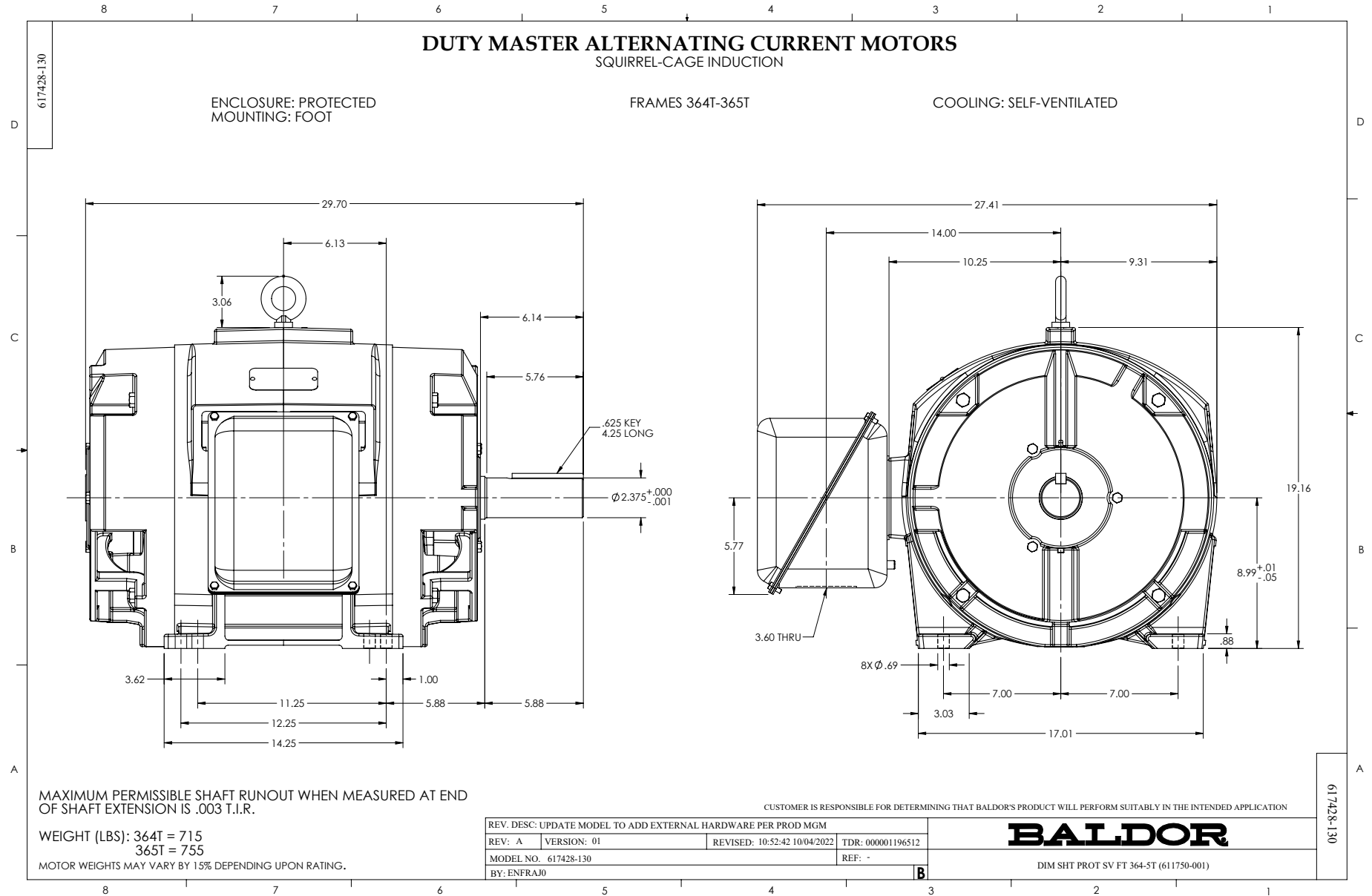
Nameplate

NP2377L															
CAT.NO.	EM2551T-8					SPEC NO.	P36G3422								
HP	75	AMPS	202			VOLTS	200			DESIGN	B				
FRAME	365T		RPM	1785	HZ	60	AMB	40	SF	1.15					
DRIVE END BEARING	65BC03J30X			PHASE	3	DUTY	CONT		INSUL.CLASS		F				
OPP D.E. BEARING	65BC03J30X			TYPE	P	ENCL	DP	CODE	G						
SER.NO.				POWER FACTOR			84		NEMA-NOM-EFFICIENCY			95			
							MAX CORR KVAR		19	GUARANTEED EFFICIENCY			94.1		
							NEMA NOM/CSA QUOTED EFF								
							MOTOR WEIGHT								

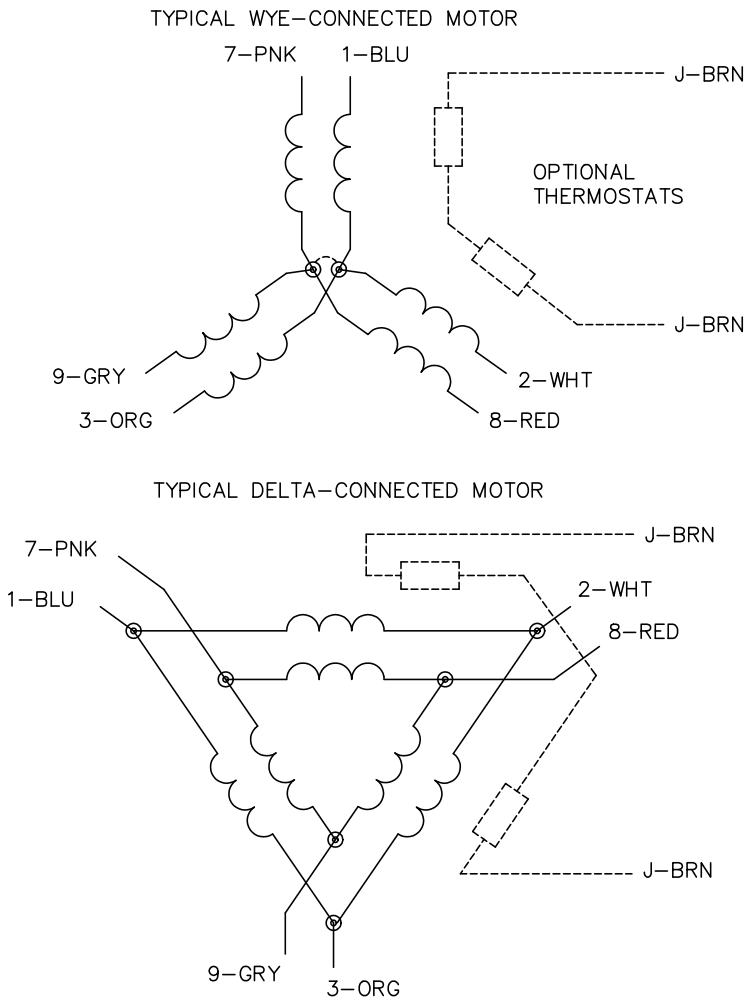
NP2496L	
MOBIL POLYREX EM	

Accessories

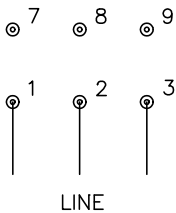
Part number	Description	Multiplier
14-1401	C FACE KIT	
14EP1601A01SP	D-FLANGE KIT	



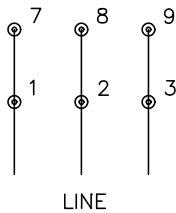
CD0695



START CONNECTION



RUN CONNECTION



- NOTES:
1. MOTOR MAY BE WYE CONNECTED OR DELTA CONNECTED.
 2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
 3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
 4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
 5. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: C

BY: JLP

REVISED: 01/21/99 3:19

TDR: 0171435

S69000

FILE: AAA00005151

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, SV, 6 LEADS, PART WINDING START

CD0695