



Customer information packet

EM2552T-4

75HP, 1185RPM, 3PH, 60HZ, 405T, ODP, FOOT,
Class - None
Division - Not Applicable

Specifications

Enclosure	DP
Frame	405T
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	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSA US CCSAUSEEV CSA EEV
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	86.900 A @ 460.0 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	86.9 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	NEMA

Part detail

Revision	R
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A40WG0466
Layout	617428-118
Eff. date	09-04-2024
CD Diagram	416820-008
Poles	06
Leads	6#6
Proprietary	False
Created date	10-19-2010

Motor Type	A40064M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	33.95 IN
Power Factor	85
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1185 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
Thermal Device - Bearing	None
Thermal Device - Winding	None

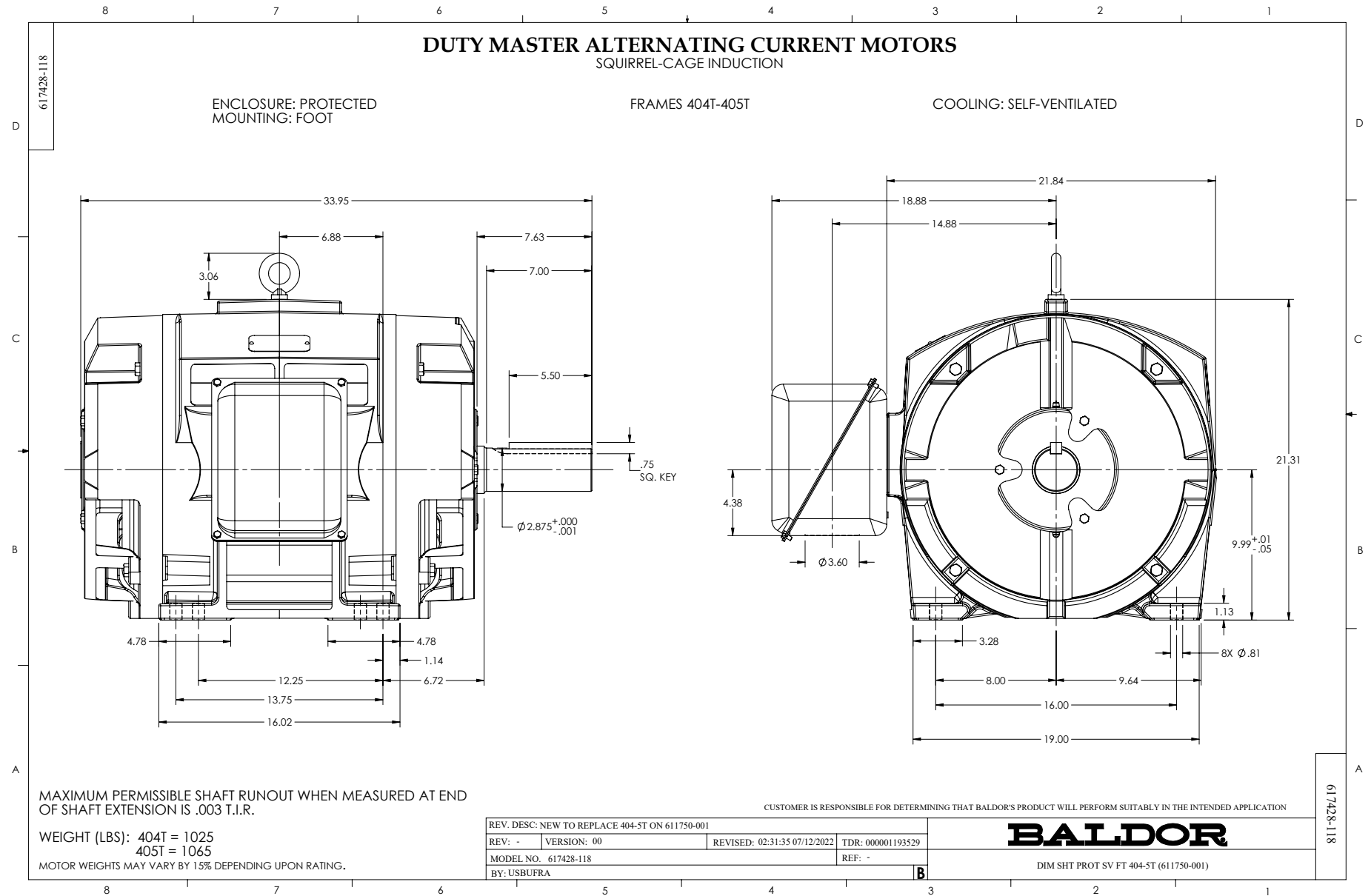
Nameplate

NP2349L

SPEC NO.	P40G302		CAT.NO.		EM2552T-4				FRAME		405T				
HP	75	VOLTS		460		PHASE		3	DESIGN		B	TYPE		P	
RPM	1185	AMPS		86.9		HZ		60	AMB		40	SF		1.15	
DRIVE END BEARING	80BC03J30X			DUTY		CONT		INSUL.CLASS			F				
OPP D.E. BEARING	80BC03J30X			ENCL		DP		CODE		G					
SER.NO.				POWER FACTOR				85		NEMA-NOM-EFFICIENCY					95
									MAX CORR KVAR		15.0		GUARANTEED EFFICIENCY		94.5
									NEMA NOM/CSA QUOTED EFF						
									MOTOR WEIGHT						

Accessories

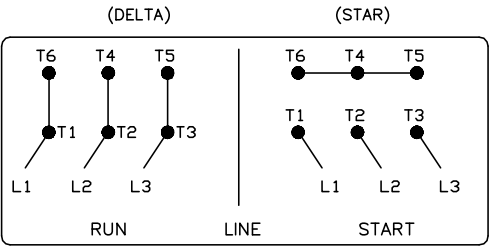
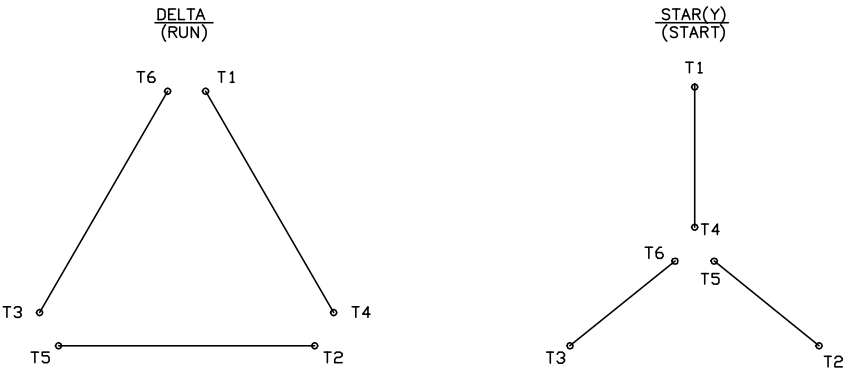
Part number	Description	Multiplier
089407053B	C-FACE BRKT 400 089407053WCA	
089407054B	D-FLANGE BRKT 400 089407054WCA, D-FLG	



416820-008

A-C MOTOR
CONNECTION DIAGRAM

STANDARD 6 LEAD Y START – DELTA RUN



< N. P. 1767-DC >

REV. DESC: ADDED T4 TO Y CONNECT DIAGRAM		
REV. LTR: D	VERSION: 04	TDR: 000000847713
FILE: \RAG\00001\808	REVISED: 10: 41: 26 04/08/2014	BY: RAGJSS1
MTL: -	© □	

BALDOR

CONNECT DIAGRAM STD 6 LEAD Y START DELTA RUN
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