

BALDOR • RELIANCE

Customer information packet

EM2558TS-4

150HP, 1785RPM, 3PH, 60HZ, 444TS, A44062M, ODP

Class - None

Division - Not Applicable

Specifications

Enclosure	DP
Frame	444TS
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	150.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 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	170.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.2 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	170.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 1/0 AWG
Motor Standards	NEMA

Part detail

Revision	K
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG2178
Layout	617428-041
Eff. date	09-04-2024
CD Diagram	416820-036
Poles	04
Leads	3#1/0
Proprietary	False
Created date	12-17-2010

Motor Type	A44062M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	35.96 IN
Power Factor	86
Product Family	Other
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

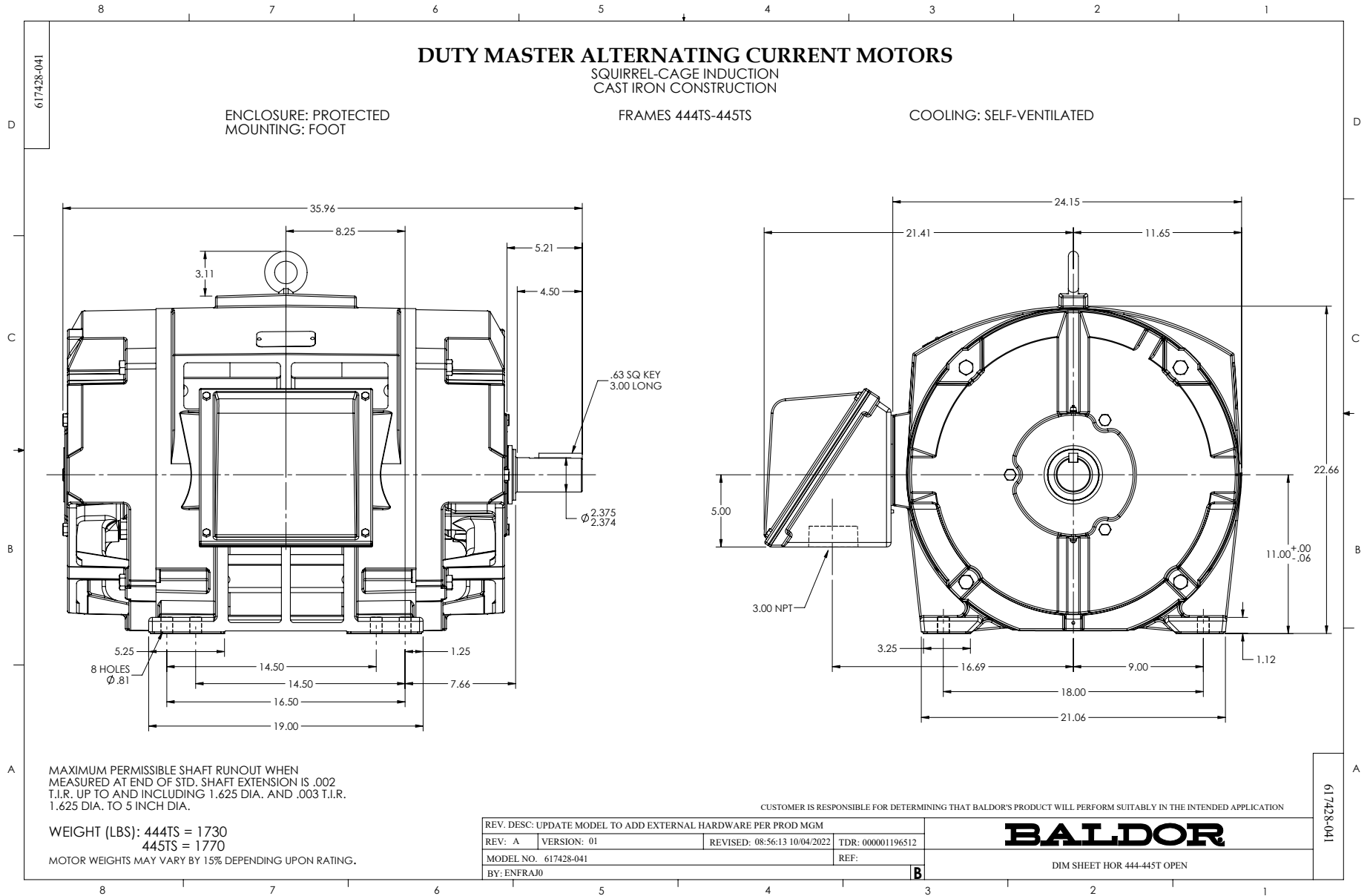
Nameplate

NP2349L

SPEC NO.	P44G1799	CAT.NO.	EM2558TS-4	FRAME	444TS
HP	150	VOLTS	460	PHASE	3
RPM	1785	AMPS	170	DESIGN	B
DRIVE END BEARING	90BC03J30X	DUTY	CONT	TYPE	P
OPP D.E. BEARING	90BC03J30X	INSUL.CLASS	F	AMB	40
SER.NO.		ENCL	DP	SF	1.15
		CODE	G	POWER FACTOR	86
		POWER FACTOR	86	NEMA-NOM-EFFICIENCY	96.2
				MAX CORR KVAR	30.0
				GUARANTEED EFFICIENCY	95.8
				NEMA NOM/CSA QUOTED EFF	
				MOTOR WEIGHT	

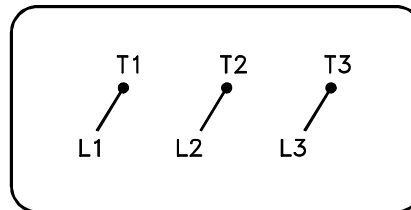
Accessories

Part number	Description	Multiplier
089439052B	C-FACE BRKT 440 089439052WCA	P1
089439053B	D-FLANGE BRKT 440 089439053WCA	P1



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
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