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Product Information Packet

CSSEWDM3613T

5HP,3500RPM,3PH,60HZ,184TC,3634M,TEFC,F1

Part Detail

Revision:	V	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Elec. Spec:**	36WGT149	**CD Diagram:**	CD0005	**Mfg Plant:**	
Mech. Spec:	36G560	**Layout:**	36LYG560	**Poles:**	02	**Created Date:**	01-20-2011
Base:	RG	**Eff. Date:**	10-23-2017	**Leads:**	9#16		

Specs

Catalog Number:	CSSEWDM3613T	**Inverter Code:**	Inverter Ready
Enclosure:	TEFC	**KVA Code:**	L
Frame:	184TC	**Lifting Lugs:**	Standard Lifting Lugs
Frame Material:	Stainless Steel	**Locked Bearing Indicator:**	Locked Bearing
Output @ Frequency:	5.000 HP @ 60 HZ	**Motor Lead Quantity/Wire Size:**	9 @ 16 AWG
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	**Motor Lead Exit:**	Ko Box
Voltage @ Frequency:	230.0 V @ 60 HZ	**Motor Lead Termination:**	Flying Leads
	460.0 V @ 60 HZ	**Motor Type:**	3634M
XP Division:	Not Applicable	**Mounting Arrangement:**	F1
Auxillary Box:	No Auxillary Box	**Power Factor:**	95
Auxillary Box Lead Termination:	None	**Product Family:**	Washdown All Stainless
Base Indicator:	Rigid	**Pulley End Bearing Type:**	Sealed Bearing
Bearing Grease Type:	Polyrex EM (-20F +300F)	**Pulley Face Code:**	C-Face
Blower:	None	**Pulley Shaft Indicator:**	Standard
Current @ Voltage:	11.200 A @ 230.0 V	**Rodent Screen:**	None
	12.000 A @ 208.0 V	**Shaft Extension Location:**	Pulley End
	5.600 A @ 460.0 V	**Shaft Ground Indicator:**	No Shaft Grounding
Design Code:	B	**Shaft Rotation:**	Reversible

Drip Cover:	No Drip Cover
Duty Rating:	CONT
Electrically Isolated Bearing:	Not Electrically Isolated
Feedback Device:	NO FEEDBACK
Front Face Code:	Standard
Front Shaft Indicator:	None
Heater Indicator:	No Heater
Insulation Class:	H

Shaft Slinger Indicator:	Shaft Slinger
Speed Code:	Single Speed
Motor Standards:	NEMA
Starting Method:	Direct on line
Thermal Device - Bearing:	None
Thermal Device - Winding:	None
Vibration Sensor Indicator:	No Vibration Sensor
Winding Thermal 1:	None
Winding Thermal 2:	None

Nameplate NP1953B01

CAT.NO.	CSSEWDM3613T						
SPEC.	36G560T149G1						
HP	5						
VOLTS	230/460						
AMP	11.2/5.6						
RPM	3500						
FRAME	184TC	**HZ**	60			**PH**	3
SER.F.	1.15	**CODE**	L	**DES**	B	**CLASS**	H
NEMA-NOM-EFF	89.5	**PF**	95				
RATING	40C AMB-CONT						
CC	010A					**USABLE AT 208V**	12
DE	6206	**ODE**	6206				
ENCL	TEFC	**SN**					

AC Induction Motor Performance Data

Record # 57382 - Typical performance - not guaranteed values

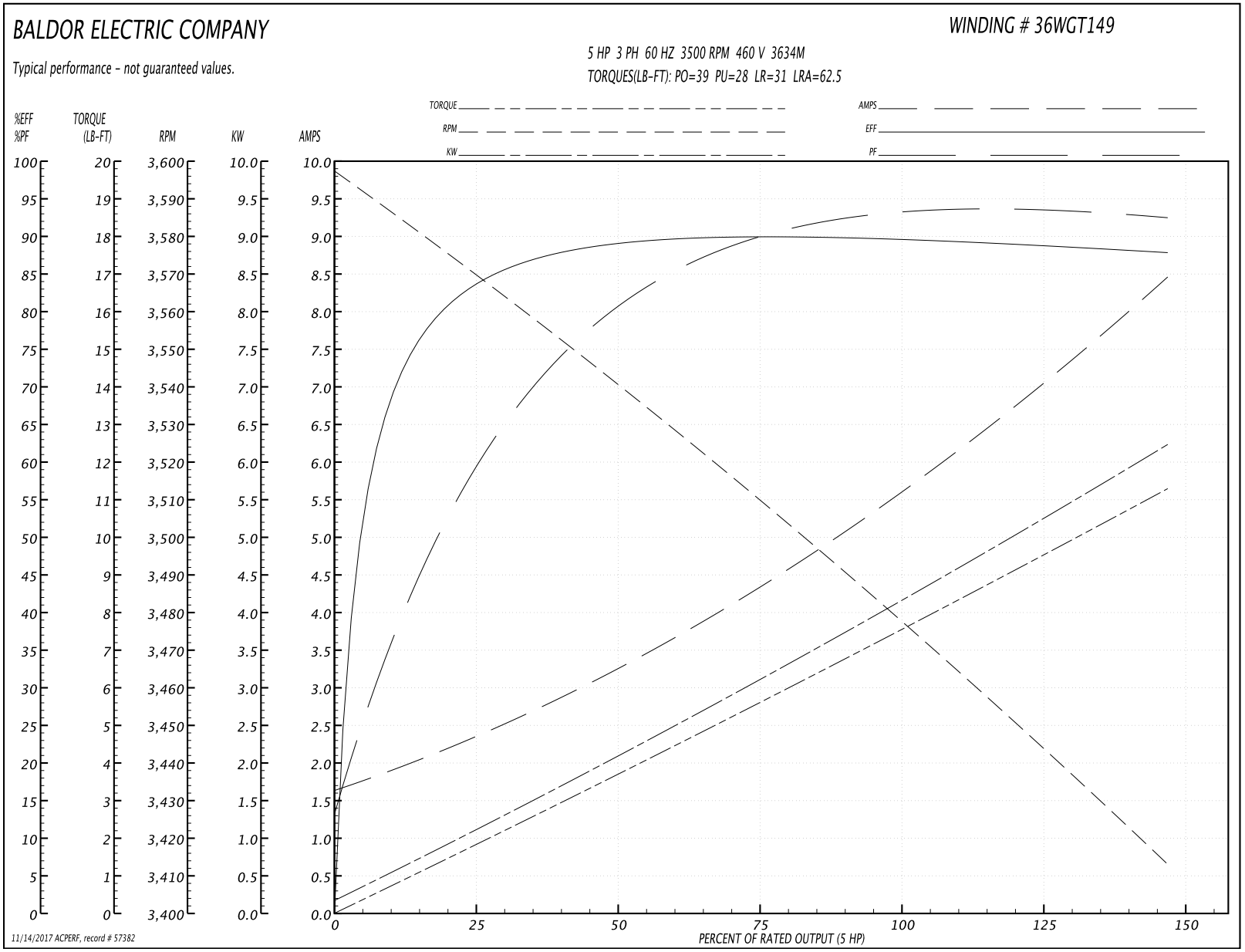
Winding: 36WGT149-R045	**Type:** 3634M	**Enclosure:** TEFC

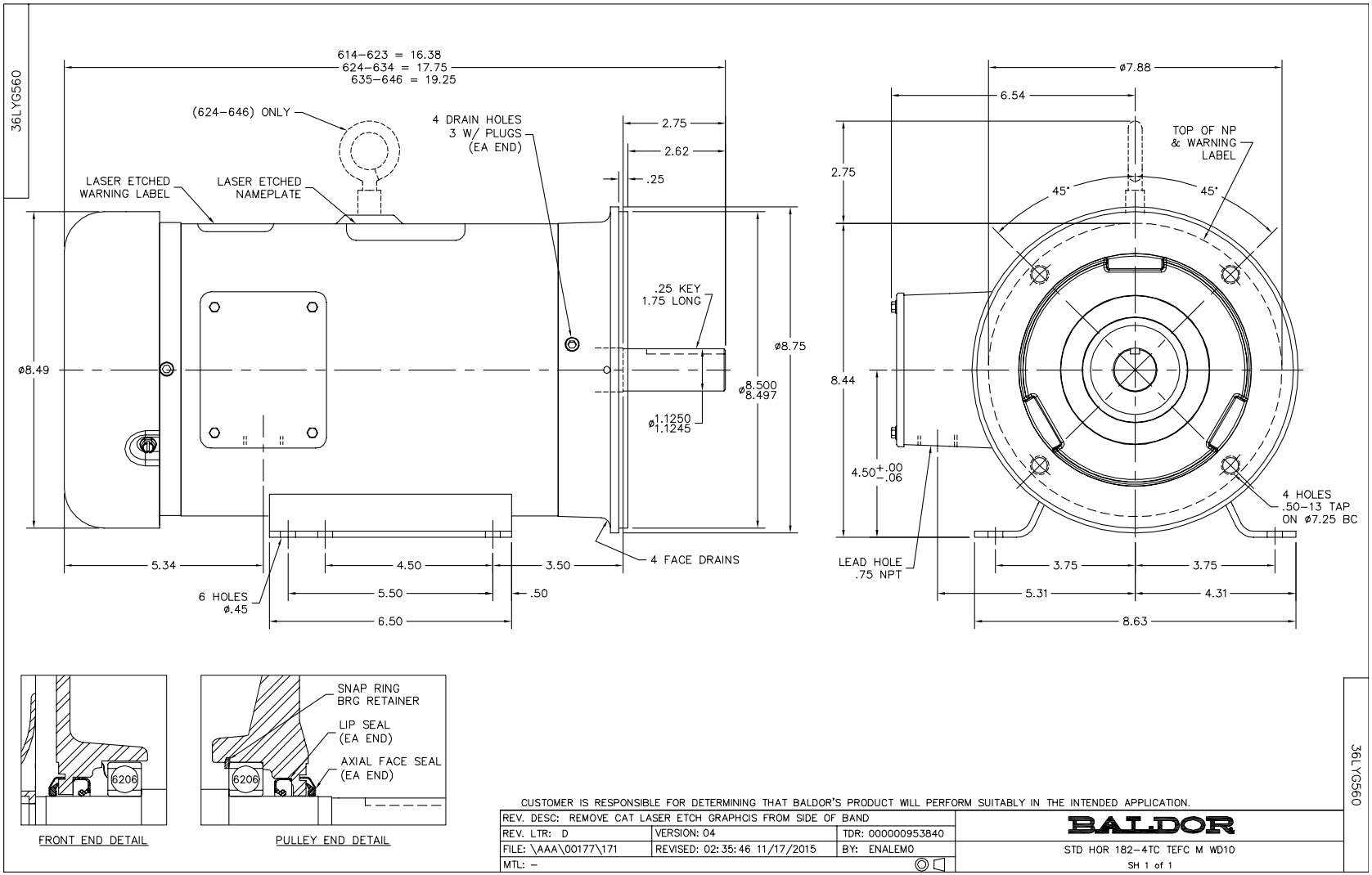
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	5			Full Load Torque	7.5 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	11.2/5.6			Breakdown Torque	39 LB-FT
R.P.M.	3500			Pull-up Torque	28 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	31 LB-FT
NEMA Design Code	B	KVA Code	L	Starting Current	62.5 A
Service Factor (S.F.)	1.15			No-load Current	1.7 A
NEMA Nom. Eff.	89.5	Power Factor	95	Line-line Res. @ 25ºC	2.09 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	86°C
S.F. Amps				Temp. Rise @ S.F. Load	102°C
				Locked-rotor Power Factor	44.4
				Rotor inertia	0.152 LB-FT2

Load Characteristics 460 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	62	83	89	93	93	93	93
Efficiency	84.5	89	90	89.6	88.8	87.9	89.1
Speed	3567	3539	3510	3480	3447	3412	3460
Line amperes	2.3	3.2	4.4	5.6	7	8.4	6.44

Performance Graph at 460V, 60Hz, 5.0HP Typical performance - Not guaranteed values





CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

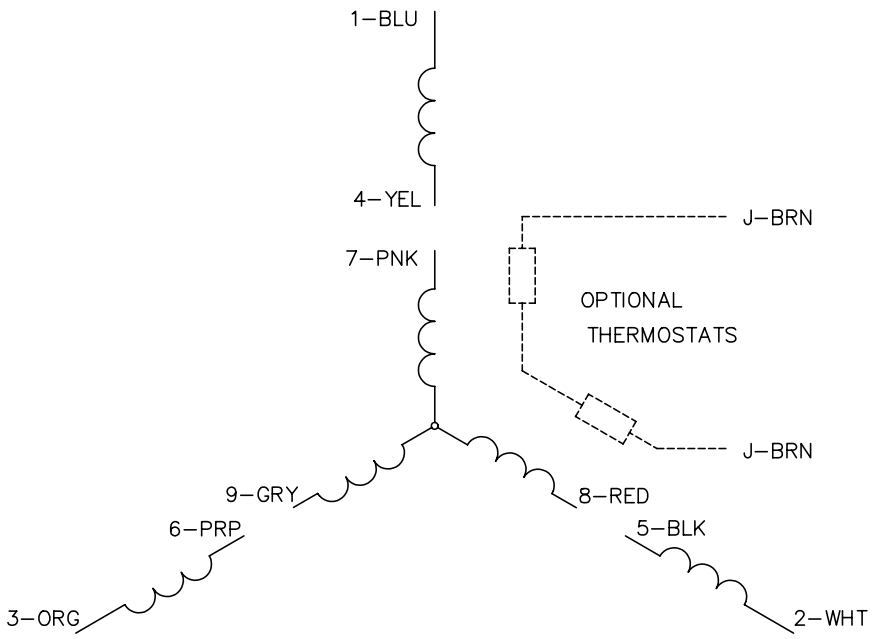
REV. DESC: REMOVE CAT LASER ETCH GRAPHCIS FROM SIDE OF BAND		
REV. LTR: D	VERSION: 04	TDR: 000000953840
FILE: \AAA\00177\171	REVISED: 02:35:46 11/17/2015	BY: ENALEM0
MTL: –		

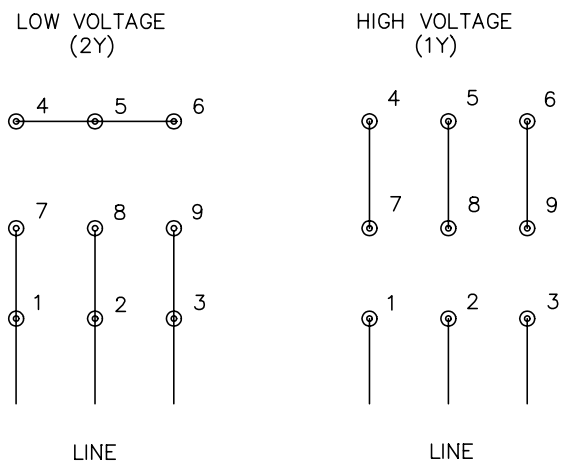
BALDOR

STD HOR 182–4TC TEFC M WD10

SH 1 of 1

CD0005





NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS