



Customer information packet

EM2540T-CI

40HP, 1185RPM, 3PH, 60HZ, 364T, 1458M, OPEN, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	DP
Frame	364T
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	40.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA EEV CCSAUSEEV CCSA US
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	49.400 A @ 460.0 V 98.800 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.1 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	49.4 a
Insulation Class	F
Inverter Code	Not Inverter
IP Rating	NONE
KVA Code	G

Part detail

Revision	N
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0752
Layout	617428-115
Eff. date	09-04-2024
CD Diagram	416820-002
Poles	06
Leads	3#4,6#6
Proprietary	False
Created date	10-19-2010

Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36062M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	29.70 IN
Power Factor	81
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	No Slinger
Speed	1190 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

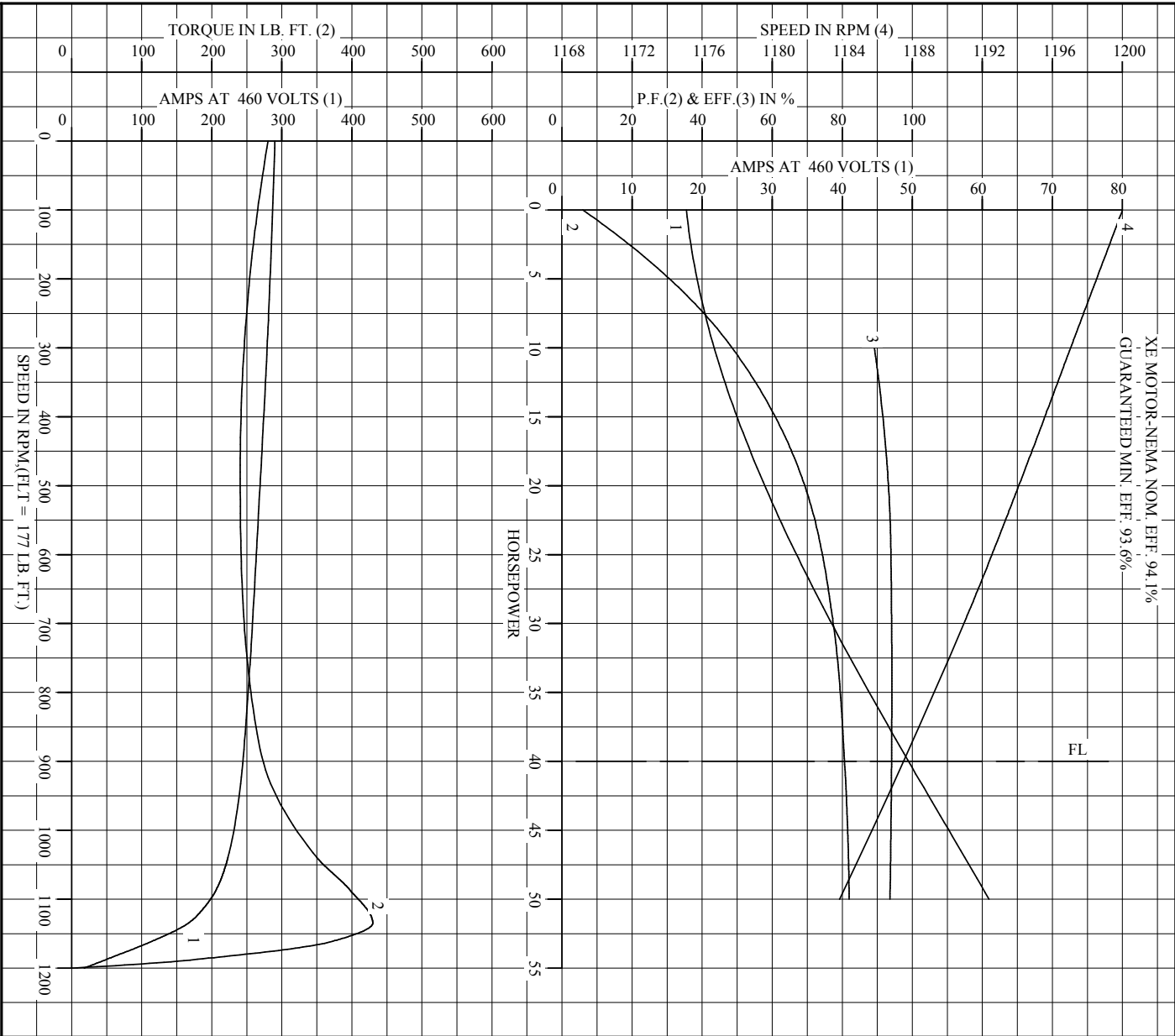
Nameplate

NP2349L

SPEC NO.	P36G3402		CAT.NO.		EM2540T-CI				FRAME	364T	
HP	40	VOLTS	230/460		PHASE	3	DESIGN	B	TYPE	P	
RPM	1190	AMPS	98.8/49.4		HZ	60	AMB	40	SF	1.15	
DRIVE END BEARING	65BC03J30X		DUTY	CONT	INSUL.CLASS			F			
OPP D.E. BEARING	65BC03J30X		ENCL	DP	CODE	G					
SER.NO.			POWER FACTOR		80.5		NEMA-NOM-EFFICIENCY			94.1	
						MAX CORR KVAR		12.0	GUARANTEED EFFICIENCY		93.6
						NEMA NOM/CSA QUOTED EFF					
						MOTOR WEIGHT					

C/R

REL S.O.		RPM	1190	S.F.	1.15	ROTOR	418141-71JE
FRAME	364VPZ	VOLTS	230/460	NEMA DESIGN	B	TEST S.O.	TYPICAL DATA
HP	40	AMPS	98.8/49.4	CODE LETTER	G	TEST DATE	--
TYPE	P	DUTY	CONT	ENCLOSURE	DP	STATOR RES. @ 25 °C	.0380/.152
PHASE/HERTZ	3/60	AMB °C/INSUL	40/F	E/S	491378	OHMS (BETWEEN LINES)	

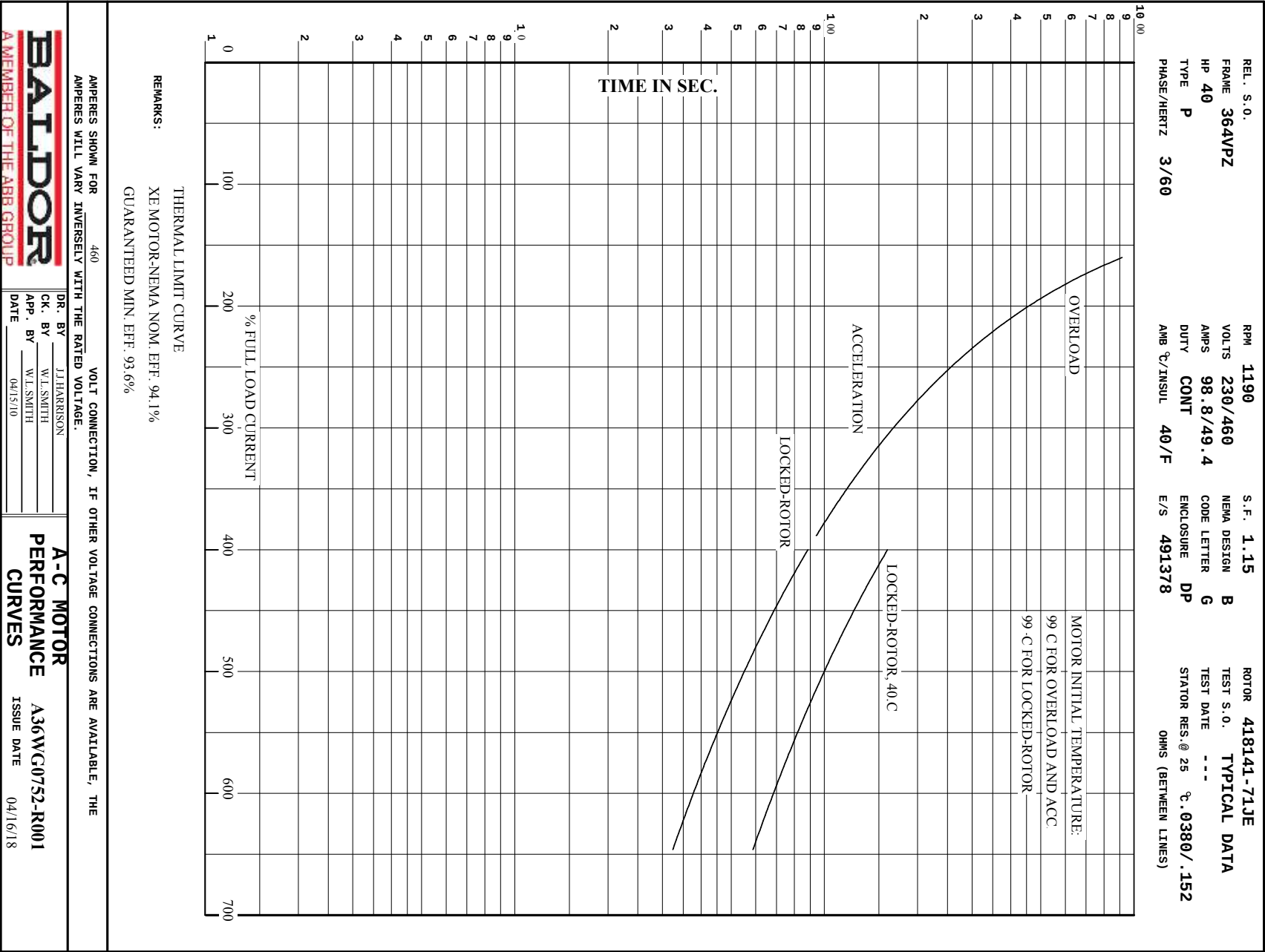


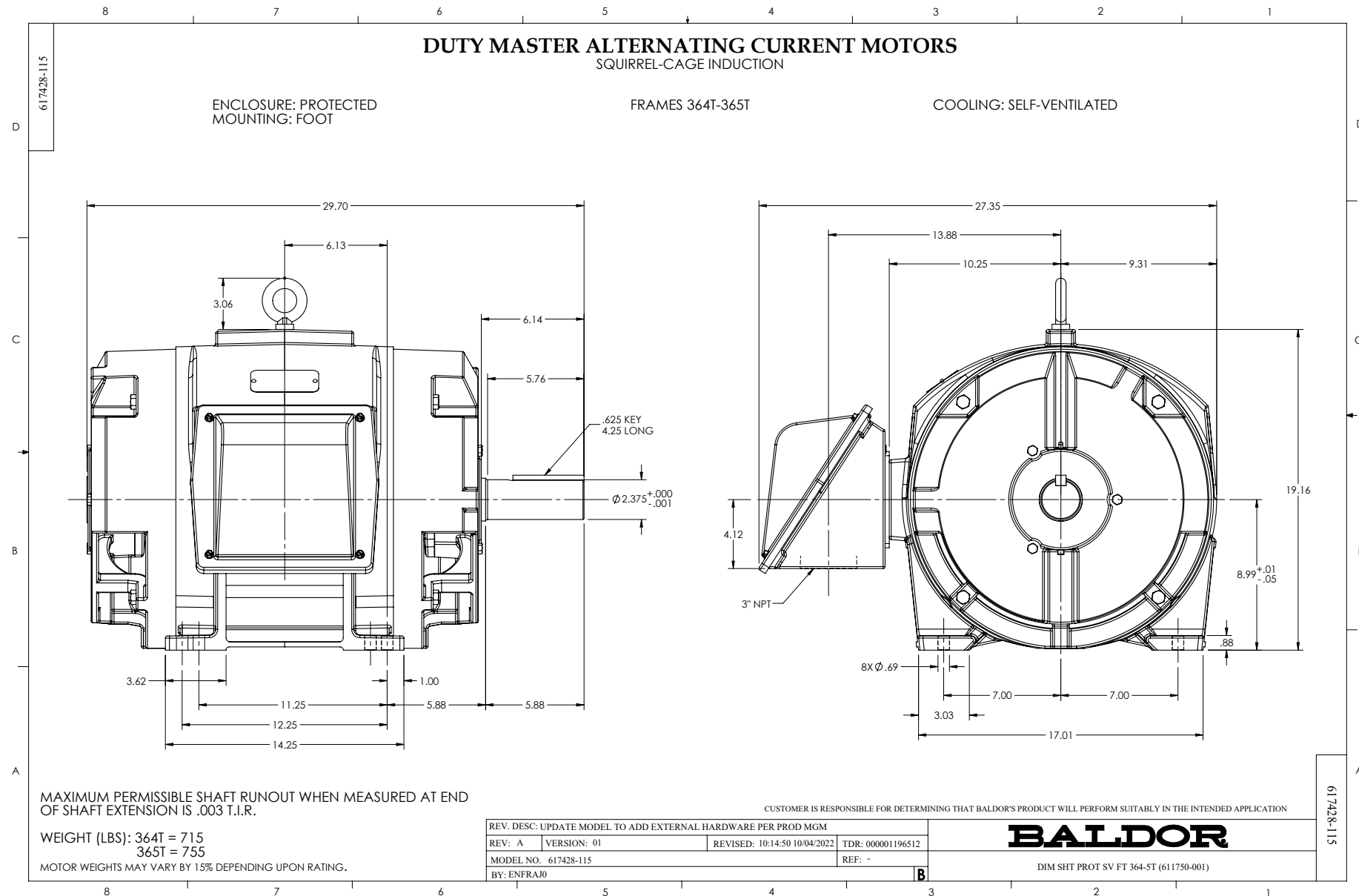
AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

BALDOR
A MEMBER OF THE ABB GROUP

DR. BY J. HARRISON
CK. BY W. L. SMITH
APP. BY W. L. SMITH
DATE 04/15/10

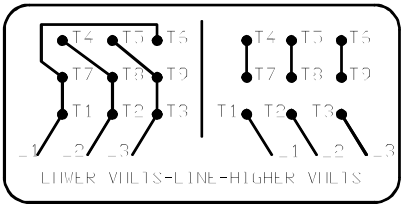
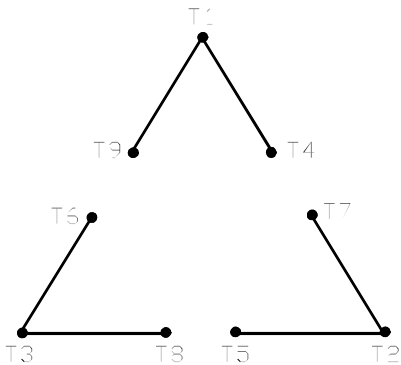
A-C MOTOR PERFORMANCE CURVES
A36WG0752-R001
ISSUE DATE 04/16/18





416820-002

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

REV. DESC: FONT CHANGE FOR PDF SEARCHABLE		
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BALDOR - RELIANCE®

CONN DIAG — STANDARD 9 LEAD, DELTA-CONNECTED
SH 1 of 1

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