

ABB BALDOR RELIANCE III

Customer information packet

FPM2563TS-4

200/150HP, 60//50HZ, 4PL, 3PH, 445TS, OPEN

Class - None

Division - Not Applicable

Specifications

Enclosure	DP
Frame	445TS
Frame Material	Iron
Frequency	50.00 Hz 60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	200.000 HP @ 60 HZ 150.000 HP @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	380.0 V @ 50 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA EEV CCSA US UL
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	205.000 A @ 380.0 V 224.000 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	205.0 a
Insulation Class	B
Inverter Code	Not Inverter

Part Detail

Revision	G
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG5465
Layout	617428-044
Eff. date	09-25-2025
CD Diagram	421948-079
Poles	04
Leads	12#6
Proprietary	False
Created date	09-17-2015

KVA Code	F
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	12 @ 6 AWG
Motor Standards	NEMA
Motor Type	A44060M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	35.88 IN
Power Factor	88
Product Family	Other
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1480 rpm
	1780 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP3488L													
CAT.NO.	FPM2563TS-4				CUST P/N				I.P.				
SPEC.	P44G1852				SER.NO.				FRAME		445TS		
HZ	60	HP	200	RPM	1780	HZ	50	HP	150	RPM	1480		
VOLTS	460			CODE	F	VOLTS	380			CODE	G		
AMPS	224			DES	B	AMPS	205			DES	B		
EFF	95	SER.F.	1.15	PF	88	EFF	94.8	SER.F.	1.15	PF	87		
RATING	40C AMB-CONT				DE BRG	65BC03J30X				GREASE	POLYREX EM		
BLANK					ODE BRG	65BC03J30X				MTR. WT.			
					CLASS	F	PH	3					
					ENCL	DP	CC	010A					
HTR-VOLTS	HTR-AMPS		HTR-WATTS		MAX. SPACE HEATER TEMP.								

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	445T	200	P	3/60	1780	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
224	CONT	40/B	1.15	B	F	PREM
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
498023	418143036LE	---	---	.0356		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	58.4	1800	4.94	0	
1/4	50.1	78.8	1796	63.7	93.5	
2/4	100	119	1791	82.2	95.6	
3/4	150	169	1786	86.8	95.7	
4/4	200	224	1781	87.8	95.1	
5/4	250	282	1775	88.3	94.1	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	158	930	1370	
PULL UP		540	145	855	1315	
BREAKDOWN		1704	247	1455	822	
FULL LOAD		1781	100	590	224	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: E MASTER MOTOR TYPICAL DATA NEMA NOM. EFF. 95.0% - GUAR. MIN. EFF. 94.5%						
		DR. BY CD		A-C MOTOR PERFORMANCE DATA A44WG5465-R001 ISSUE DATE 12/17/15		
		CK. BY T. KELATI				
		APP. BY T. KELATI				
		DATE 12/17/15				

REL S.O.

RPM 1780

S.F. 1.15

ROTOR 418143036LE

FRAME 445T

VOLTS 460

NEMA DESIGN B

TEST S.O. ---

HP 200

AMPS 224

CODE LETTER F

TEST DATE ---

TYPE P

DUTY CONT

ENCLOSURE PREM

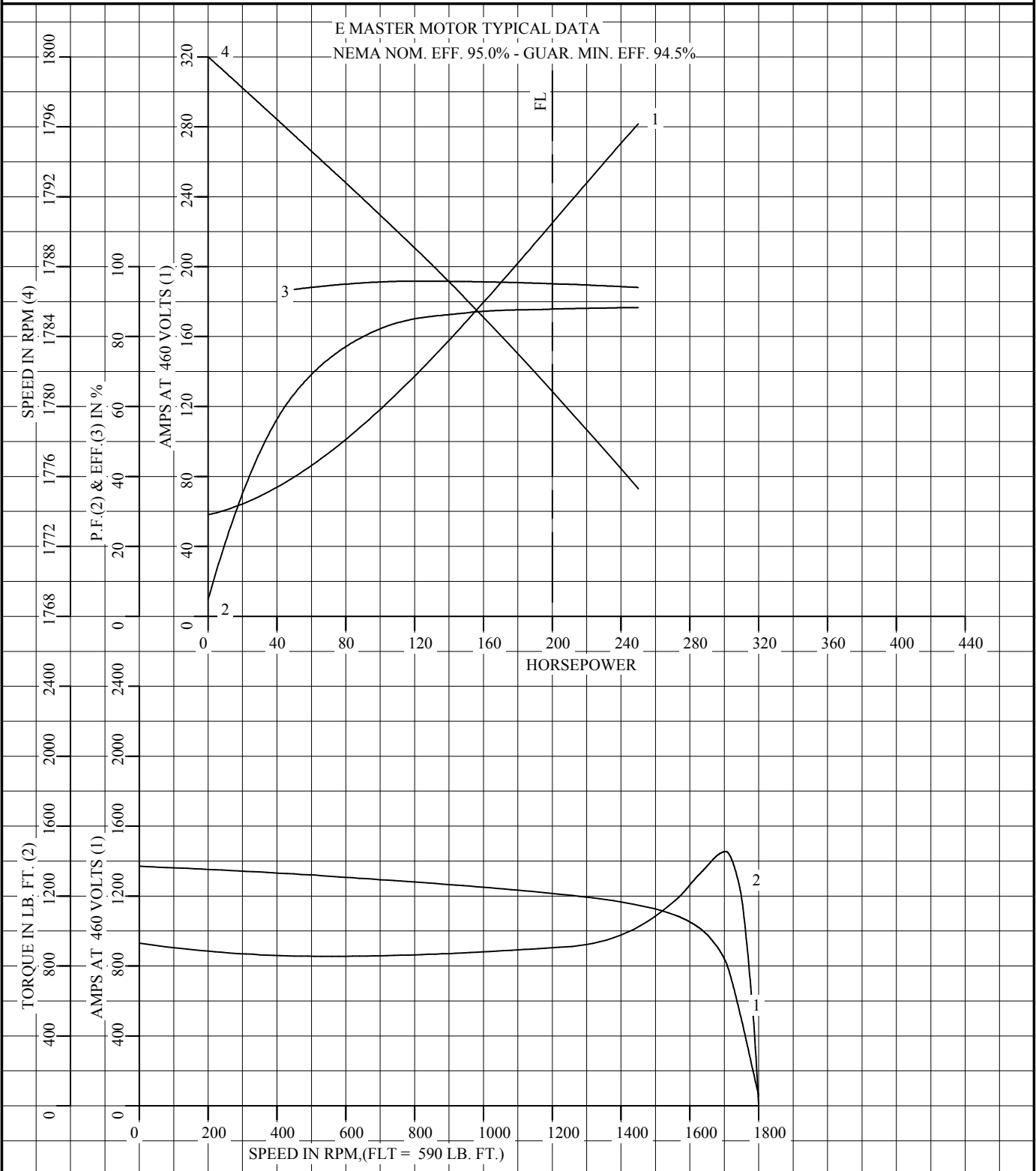
STATOR RES. @ 25 °C .0356

PHASE/HERTZ 3/60

AMB °C/INSUL 40/B

E/S 498023

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 CD
CK. BY T. KELATI
APP. BY T. KELATI
DATE 12/17/15

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG5465-R001

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