

ABB BALDOR RELIANCE III

Customer information packet

FPM2565T-4

250/200HP, 60//50HZ, 2PL, 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	250.000 HP @ 60 HZ 200.000 HP @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	3600 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	279.000 A @ 380.0 V 288.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.5 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	279.0 a
Insulation Class	B
Inverter Code	Not Inverter

Part Detail

Revision	F
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG5467
Layout	617428-044
Eff. date	09-25-2025
CD Diagram	421948-079
Poles	02
Leads	12#4
Proprietary	False
Created date	09-17-2015

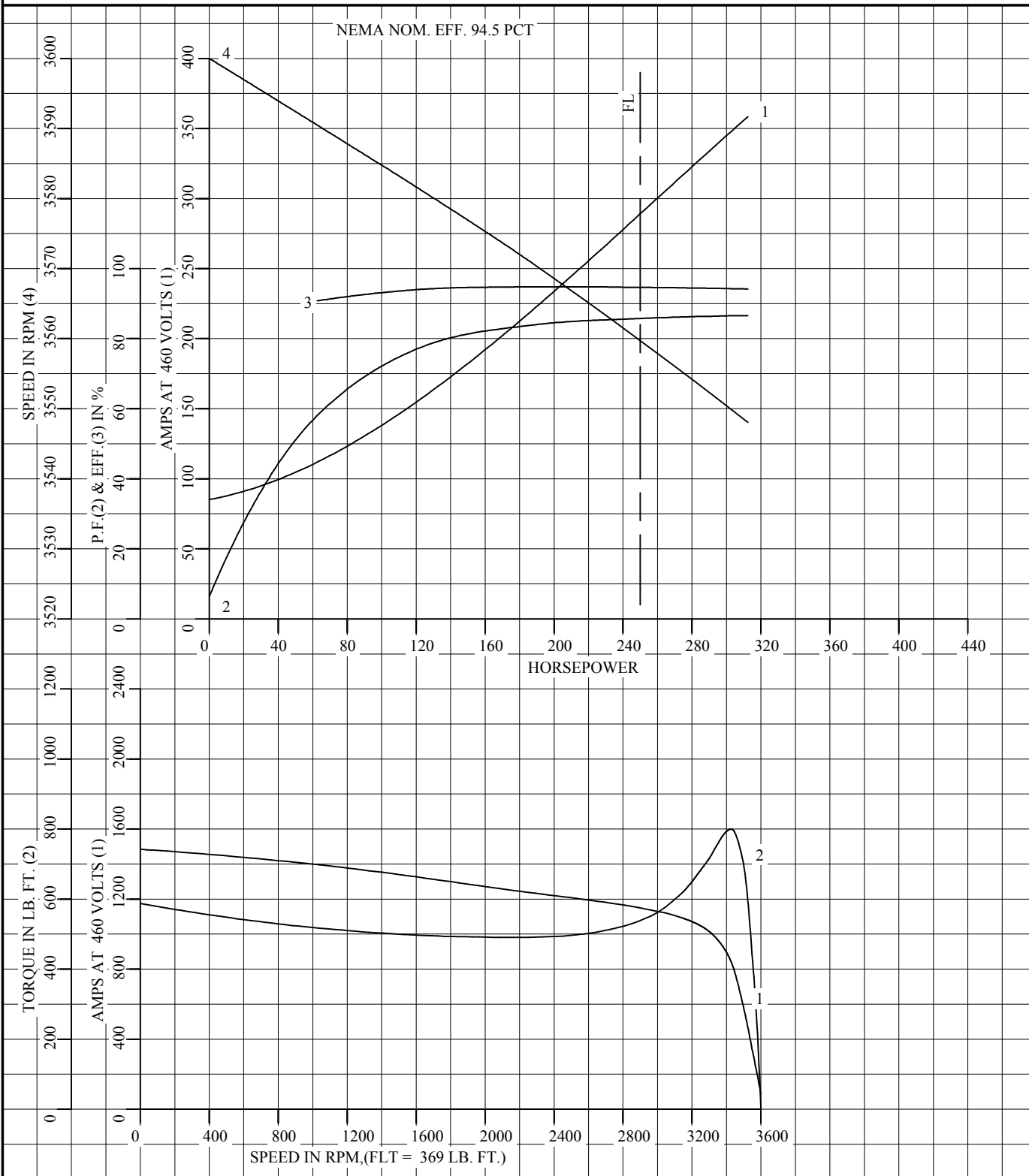
KVA Code	E
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	12 @ 4 AWG
Motor Standards	NEMA
Motor Type	A44056M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	35.88 IN
Power Factor	86
Product Family	Other
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	2960 rpm
	3560 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP3488L																
CAT.NO.	FPM2565T-4				CUST P/N				I.P.							
SPEC.	P44G1853				SER.NO.				FRAME				445TS			
HZ	60	HP	250		RPM	3560		HZ	50		HP	200		RPM	2960	
VOLTS	460				CODE	E		VOLTS	380				CODE	E		
AMPS	288				DES	B		AMPS	279				DES	B		
EFF	94.5	SER.F.	1.15		PF	86		EFF	94.4		SER.F.	1.15		PF	86	
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
	445TS	250	P	3/60	3560	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
288	CONT	40/F	1.15	B	E	PROT
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
-	418143014CE	---	---	.0196		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	85.4	3600	6.40	0	
1/4	62.6	111	3590	58.0	90.8	
2/4	125	159	3581	77.9	94.1	
3/4	187	221	3571	83.9	94.8	
4/4	250	288	3560	85.8	94.7	
5/4	313	359	3548	86.6	94.2	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	159	588	1485	
PULL UP		2170	133	491	1249	
BREAKDOWN		3429	217	800	838	
FULL LOAD		3560	100	369	288	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA NEMA NOM. EFF. 94.5 PCT						
		DR. BY CD		A-C MOTOR PERFORMANCE DATA A44WG5467-R001 ISSUE DATE 12/17/20		
		CK. BY T. KELATI				
		APP. BY T. KELATI				
		DATE 12/17/2015				

REL S.O.	RPM 3560	S.F. 1.15	ROTOR 418143014CE
FRAME 445TS	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 250	AMPS 288	CODE LETTER E	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE PROT	STATOR RES. @ 25 °C .0196
PHASE/HERTZ 3/60	AMB °C/INSUL 40/F	E/S -	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 12/17/2015

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG5467-R001
ISSUE DATE 12/17/2015

