

PRODUCT INFORMATION PACKET



Model No: 056B17F5584

Catalog No: F135

General Purpose Farm Duty Motor, 1.50 & 1 HP, 1 Ph, 60 & 50 Hz, 115/208-230 & 110/220 V,
1800 & 1500 RPM, 56HC Frame, TEFC



Regal and LEESON are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E



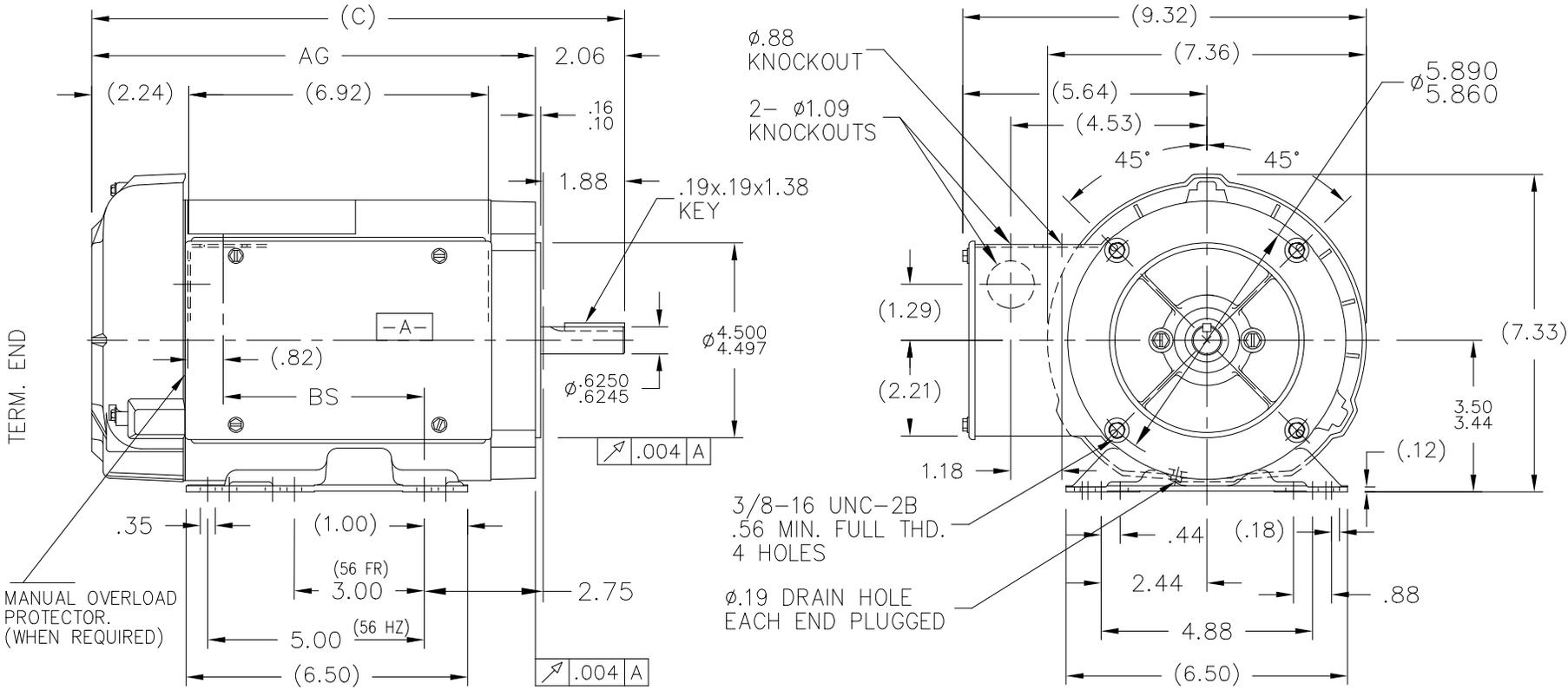


Nameplate Specifications

Phase	1	Output HP	1.50 & 1 Hp
Output KW	1.1 & 0.75 kW	Voltage	115/208-230 & 110/220 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.0
Frame	56HC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	80 & 71 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	15.2/8.2-7.6 & 15.6/7.8 A	Power Factor	80
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized (Not Protector)	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.82 in
Frame Length	8.56 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-104450-856	Connection Drawing	102006-52

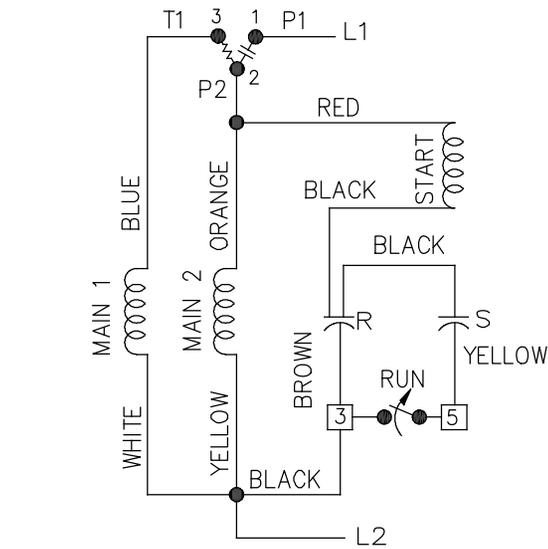


NOTE:
1- NAMEPLATE READ FROM C'BOX SIDE.

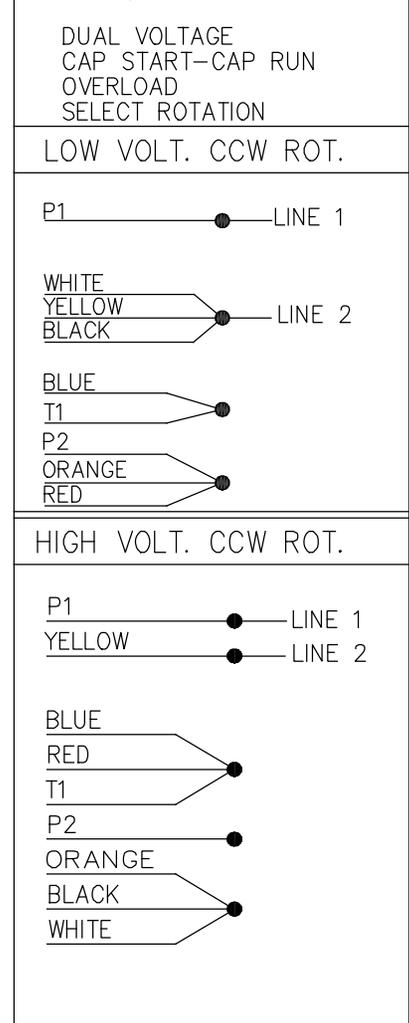
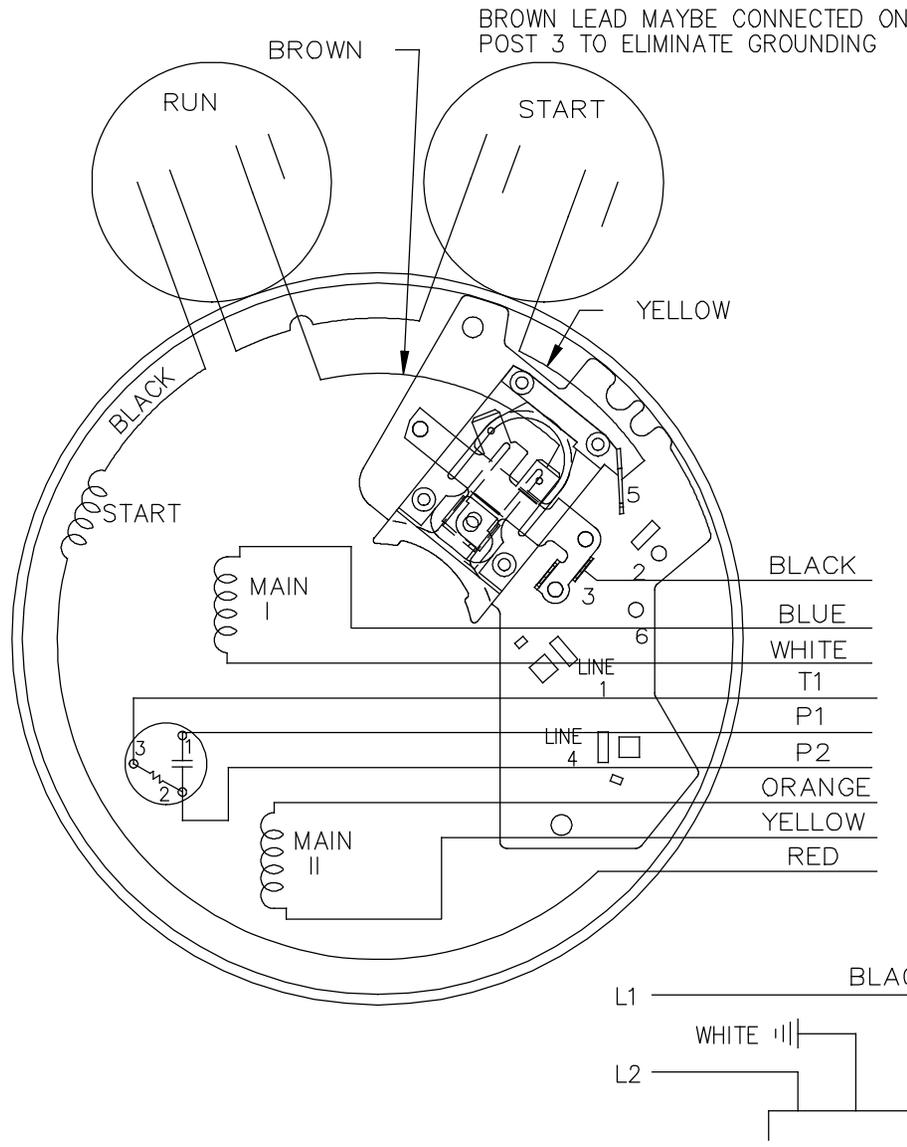
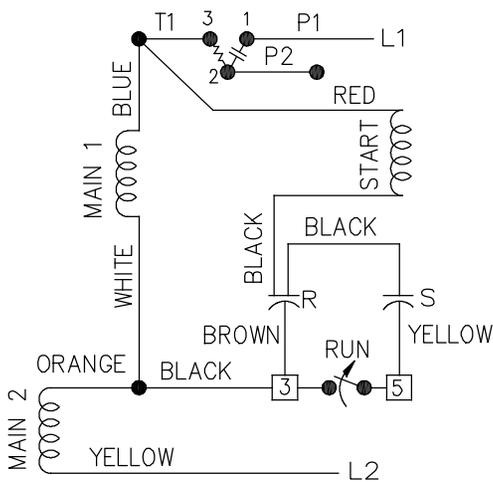
DASH	FRAME	C	AG	BS	DASH	FRAME	C	AG	BS
706	56-70	12.32	10.25	4.64	856	56-85	13.82	11.75	6.14
756	56-75	12.82	10.75	5.14	956	56-95	14.82	12.75	7.14
806	56-80	13.32	11.25	5.64	1006	56-100	15.32	13.25	7.64

				TOLERANCES UNLESS SPECIFIED		Regal Rexnord Regal Beloit America, Inc.	DRAWN MH 05-14-1998	
				DEC.	INCHES		CHK	ML 05-15-1998
				.X	±.1		APPD	DAR 05-18-1998
3	CHG FROM MARATHON TO REGAL REXNORD LOGO	KVDG	05-15-2024	DS	.XX	±.03	SCALE	1=4
2	ADDED NOTE SECTION CN 24300-474	DRS			.XXX	±.005	REF	
1	NEW DRAWING MU19807	MH	05-18-1998		.XXXX	±.0005	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE 104450		SIZE	DRAWING NO. PAGE OF REV.
				DIST	WP	A	104450	3

LOW VOLTAGE C.C.W.



HIGH VOLTAGE C.C.W.



FOR CW ROT. EITHER VOLTAGE INTERCHANGE RED WITH BLACK LEAD.

14	UDATED LOGO TO REGAL	SN 01-09-2020		TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.	DRAWN ML 05-09-1992			
13	CHG'ED SWITCH TO OPEN WHEN RUNNING ISAAC 11-2715	KBB 06-23-2011	EH	DEC.	INCHES		CHK GK 05-09-1992			
12	REMOVE 1,2,3 & 4 ON LOW & HIGH VOLT CN 31436	TJB 02-14-2002	DRS	.X	±.1	APPD FG 05-09-1992				
11	REMOVE BRAKE VIEW CN 31436	TJB 01-30-2002	DRS	.XX	±.02	TITLE CONNECTION DIAGRAM	SCALE 5=8			
10	ADDED BROW LEAD DETAIL NOTE CN 24300-323	BJW 02-28-2000		.XXX	±.005		REF			
9	ADDED CORD VIEW MU20434	BLR 07-01-1998		.XXXX	±.0005	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE 102006-52			SIZE A	DRAWING NO. 102006-52	PAGE OF 14	REV. 14
			DIST	WP						

CERTIFICATION DATA SHEET

Model#: 56B17F5584 E
CONN. DIAGRAM: 102006-52
OUTLINE: A-104450-856

WINDING#: ZB406 NONE 3
ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2&1	1.12&.75	1800	1725&1425	56HC	TEFC	J	N

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60/50	115/208- 230#110/220	15.2/8.2- 7.6&15.6/7.8	ACROSS THE LINE	CONTINUOU S	B3	1.15/1.0	40	3300

FULL LOAD EFF: 80&71	3/4 LOAD EFF: 80.5	1/2 LOAD EFF: 76.1	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 80&58	3/4 LOAD PF: 71.2	1/2 LOAD PF: 61	0	CAP START IND RUN	8.1 / 4.1

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.51 LB-FT	107.6 / 53.8	14.8 LB-FT 328	12.4 LB-FT 275	70

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	BRAKE	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

*
N
O
T
E
S
*

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: PROVISIONS ONLY NONE
STEARNS P/N NONE
56,000 NONE
10 FT-LB NONE V NONE Hz

DATE: 06/27/2017 06:09:31 AM
 FORM 3531 REV.3 02/07/99

** Subject to change without notice.



REGAL REXNORD CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at 460 Volts
60 HZ
1.5 HP

HP 1.5&1

PHASE 1

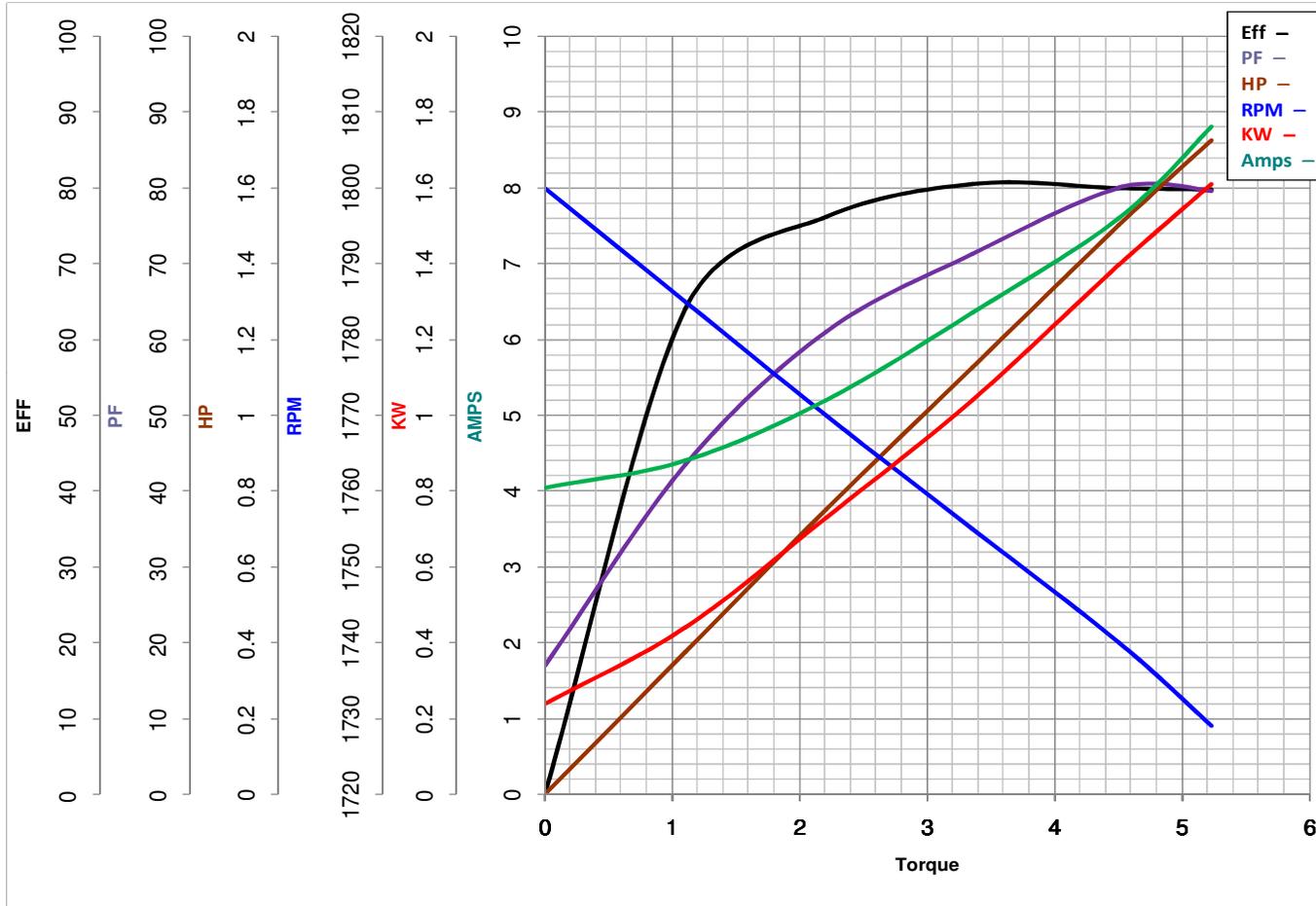
Model No 56B17F5584

VOLTS 115/208-230&110/220

Catalog No F135

HZ 60&50

RPM 1725&1425



Torque in Lb.Ft

FL TORQUE 4.51 Lb.Ft
BD TORQUE 12.4 Lb.Ft
LR TORQUE 14.8 Lb.Ft

FL AMPS 15.2/8.2-7.6
PU TORQUE 12.6 Lb.Ft
LR AMPS 53.8

WINDING ZB406-3

Date 1/17/2019

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
1946 West Cook Road
Fort Wayne, IN 46818

and the authorized representative
established within the Community:

Regal Beloit Italy
Via Modena, 18
24040 Ciserano(BG) - Italy

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 056B17F5584

(Model No. may contain prefix and/or suffix characters)

Catalog No : F135

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Zach Stauffer
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi
Technology Director, Engineering

Created on 07/08/2025

CE 25