PRODUCT INFORMATION PACKET

Model No: 056B17DRC70008A1
Catalog No: G256B
General Purpose Motor, 1 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 56C Frame, DP

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Nameplate Specifications

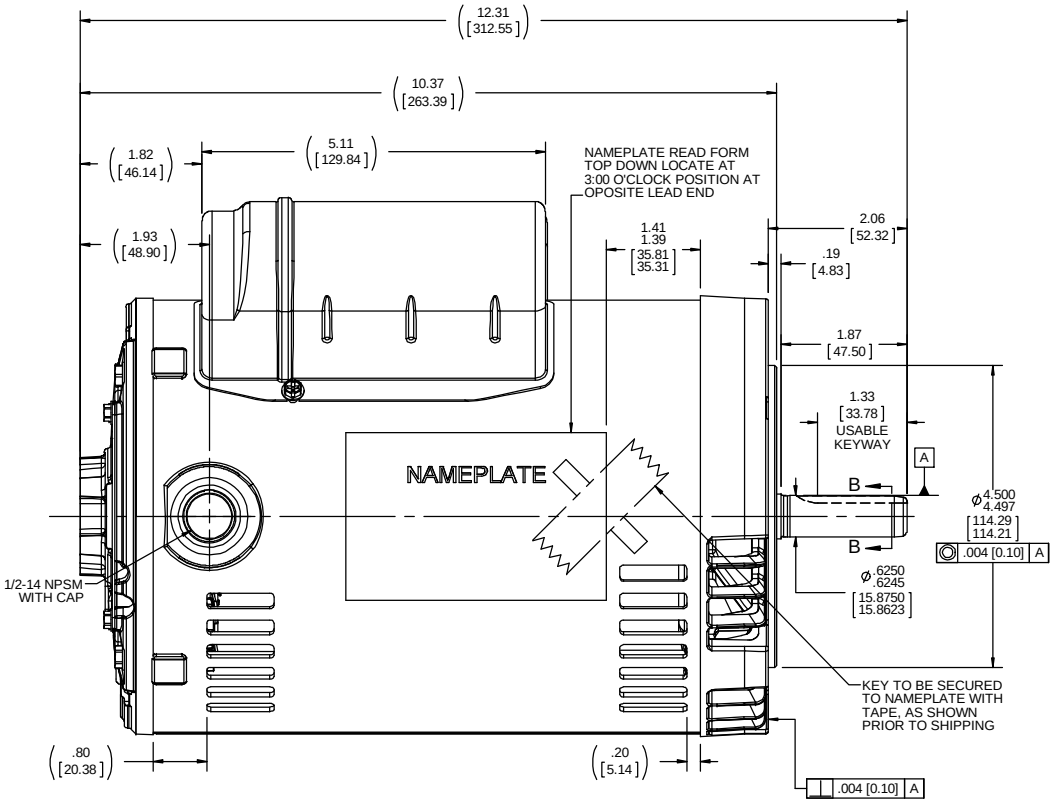
Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/208-230 V
Speed	1725 rpm	Service Factor	1.25
Frame	56C	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	82.6 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	8.0/4.4-4.0 A	Power Factor	96
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

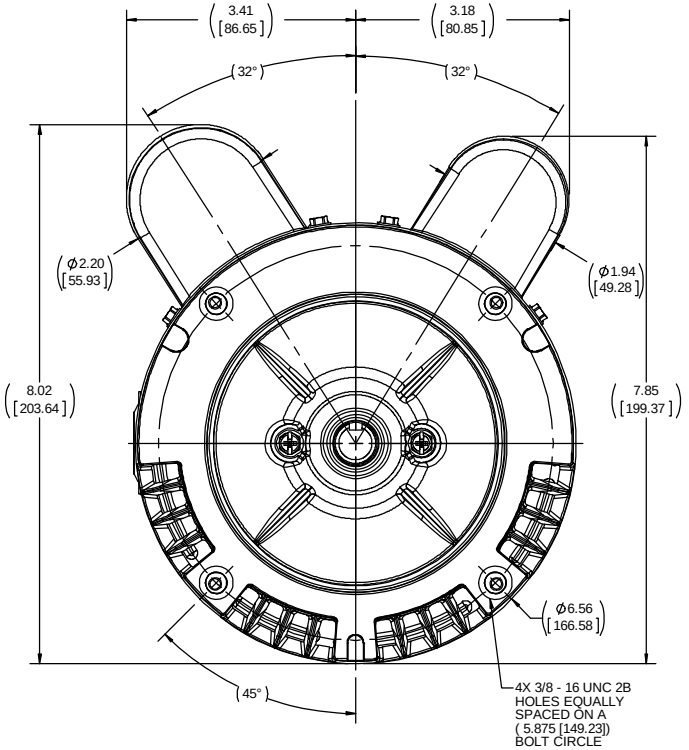
Technical Specifications

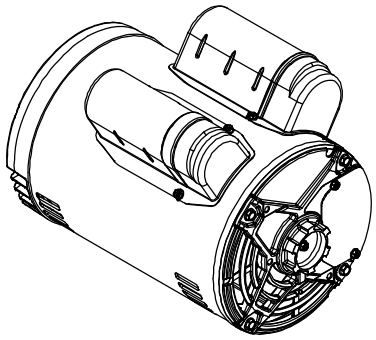
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	2.12 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Assembly/Box Mounting	F1 ONLY
Outline Drawing	OL56100585-001	Connection Drawing	CDBD102

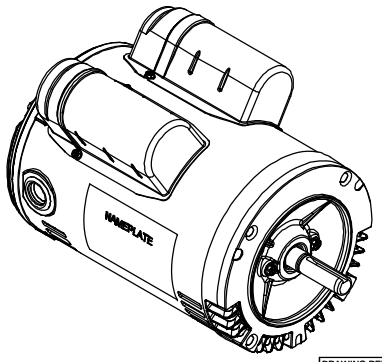
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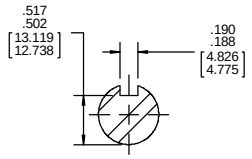
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SECTION B-B

DRAWING REVISION: B	REVISION BY: KB	DATE: 10/26/18	
ECO: ECO-0155470	APPROVED BY: SN	DATE: 10/26/18	
ECO DESCRIPTION: UPDATED MOTOR ASSEMBLY			

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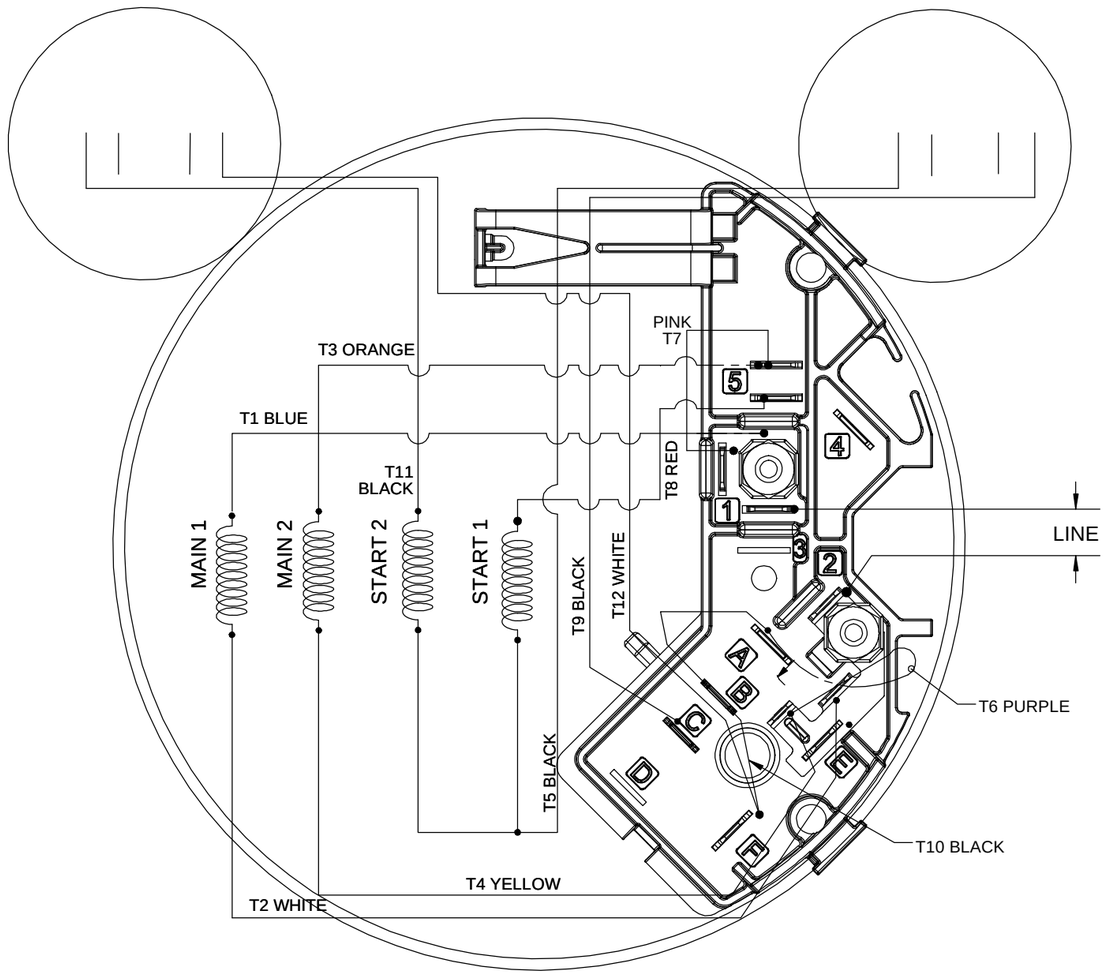
TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

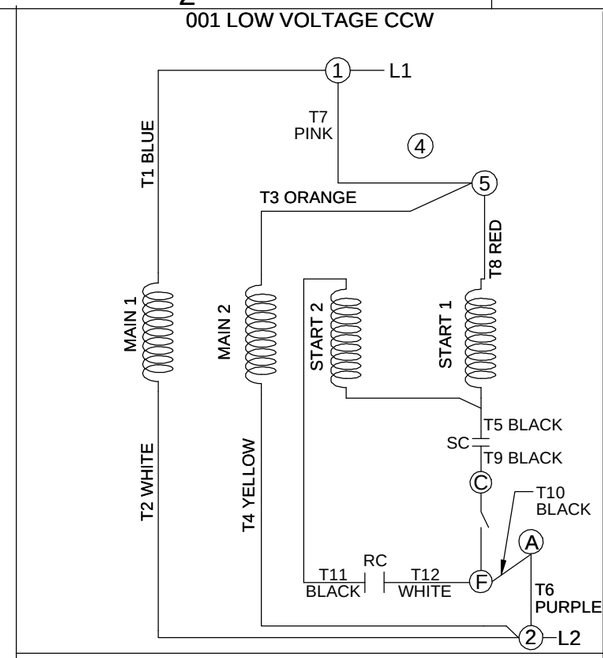
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/ INCH 3.2/ mm
mm SHOWN IN [BRACKETS]

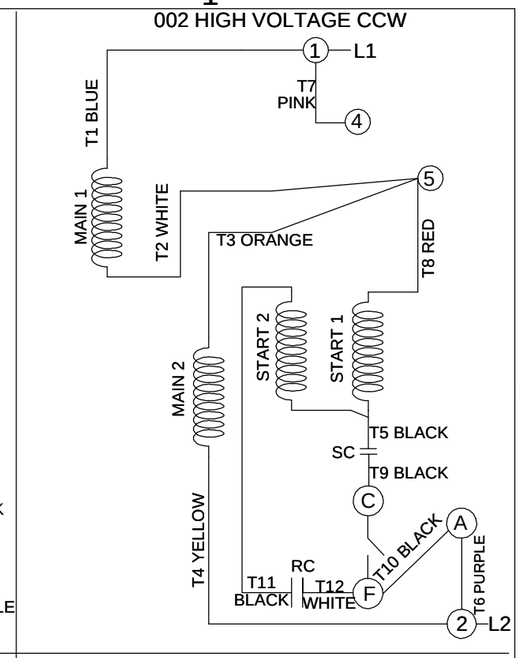
DRAWN BY: KB	Regal Beloit America, Inc.		
DATE: 10/25/18			
APPROVED BY: SN	DESCRIPTION: OUTLINE		
DATE: 10/25/18	56FR, DP, 1-PHASE		
REFERENCE: OL56100178	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE: C	DRAWING NUMBER: OL56100585-001	SHEET: 1 OF1

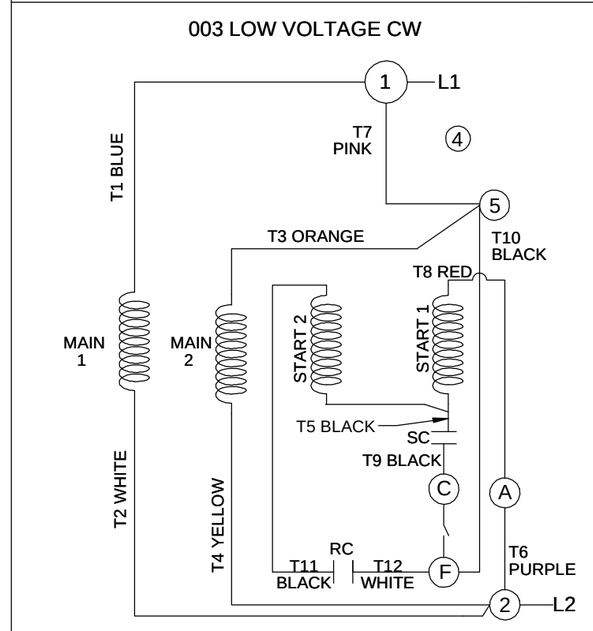
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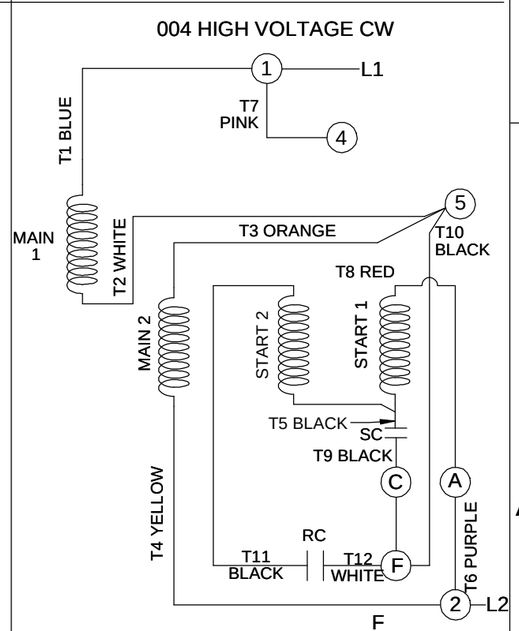


CCW/CW ROTATION-CAP START AND CAP RUN DUAL VOLTAGE NO PROTECTOR









NOTES:

1. FOR HI VOLTAGE REMOVE T7 FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE T2 FROM TERMINAL #2 AND PLACE ON TERMINAL #5
2. TO REVERSE ROTATION, INTERCHANGE T8 & T10.
3. SWITCH REF. 10003283-001-001.
4. CONN. DIAGRAM NAMEPLATE DD10065-001, T No's, -002, Colors with T No's.

DRAWING REVISION: D	REVISION BY: SHESHI	DATE: 10/26/201807/23/2018
ECO: ECO-0155470	APPROVED BY: CD	DATE: 10/28/2018
ECO DESCRIPTION: 10003283-001-001 SWITCH WAS 10003285-001-001		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381]
CORNER FILLETS: .02 [.51]
MACHINED SURFACES: 125 / 3.2 / INCH / mm
mm SHOWN IN [BRACKETS]

DRAWN BY: G. RODRIGUEZ	
DATE: 01-18-2017	
APPROVED BY: E. MARTINEZ	
DATE: 01-18-2017	
REFERENCE: CDCD102	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION: CONN DIAGRAM-EXTERNAL

MATERIAL | PROCESS/FINISH

SIZE: B | DRAWING NUMBER: CDBD102 | SHEET: 1 OF 1

REGAL REXNORD CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

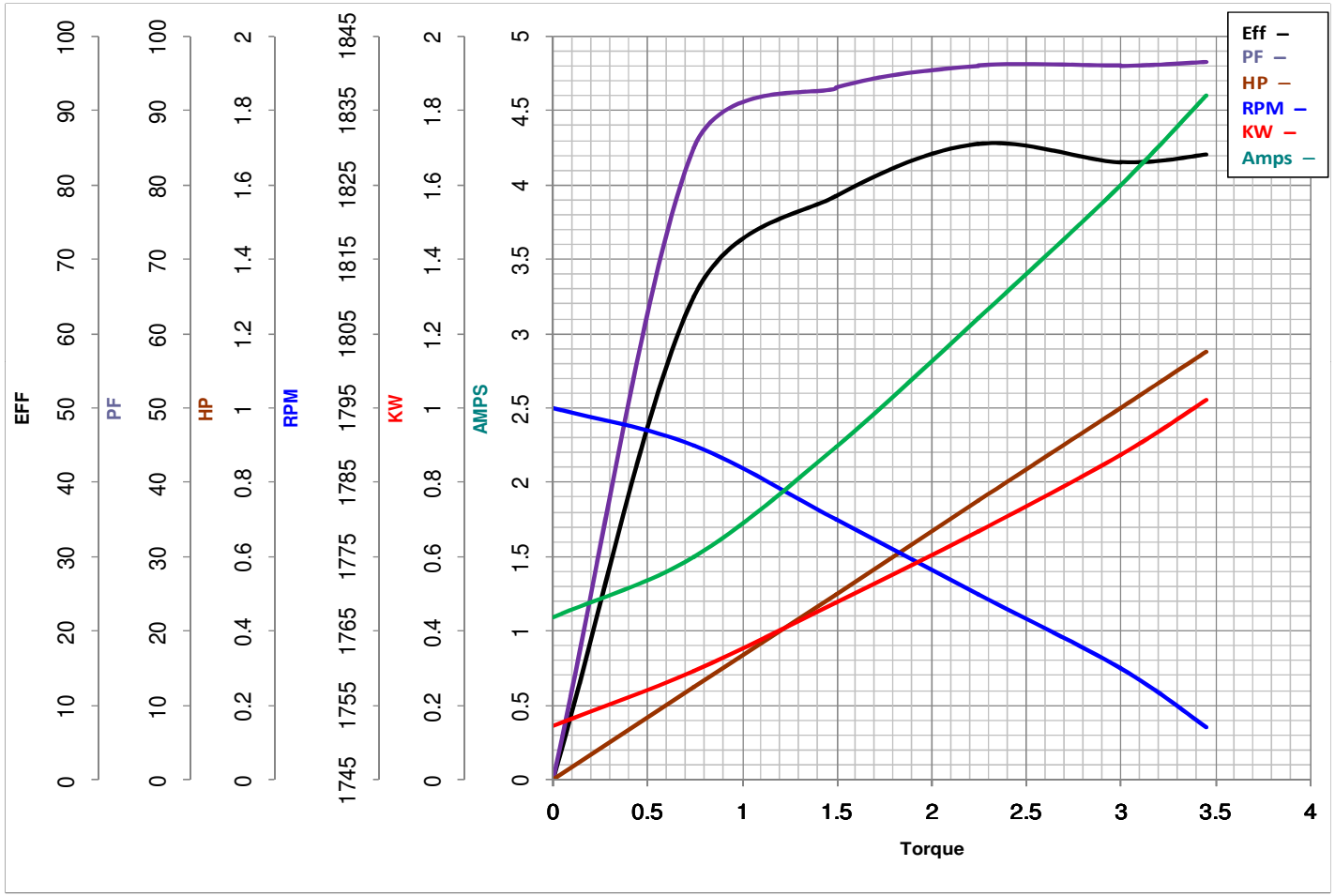
Customer

Curve at 230 **Volts** **HP** 1&0.75 **PHASE** 1

60 **HZ**

Model No 56B17DRC70008A1 1 **HP** **VOLTS** 115/230&110/220

Catalog No G256A **HZ** 60&50 **RPM** 1725&1425



Torque in Lb.Ft

FL TORQUE	3	**Lb.Ft**	**FL AMPS**	8/4	
BD TORQUE	8.0	**Lb.Ft**	**PU TORQUE**	8.6	**Lb.Ft**
LR TORQUE	8.94	**Lb.Ft**	**LR AMPS**	35.7	
WINDING	NB56475-3			**Date**	**3/6/2019**

REV 1 - CHANGED LOGO FROM MARATHON TO LEESON - 3/25/2025

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 : 056B17DRC70008A1

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

Catalog No : G256B

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