

PRODUCT INFORMATION PACKET



Model No: 116645.00

Catalog No: 116645.00

White Duck™ General Purpose Motor, 0.75 & 0.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1800 & 1500 RPM, 56C Frame, TEFC

Operational at 208-230/460 V @60HZ



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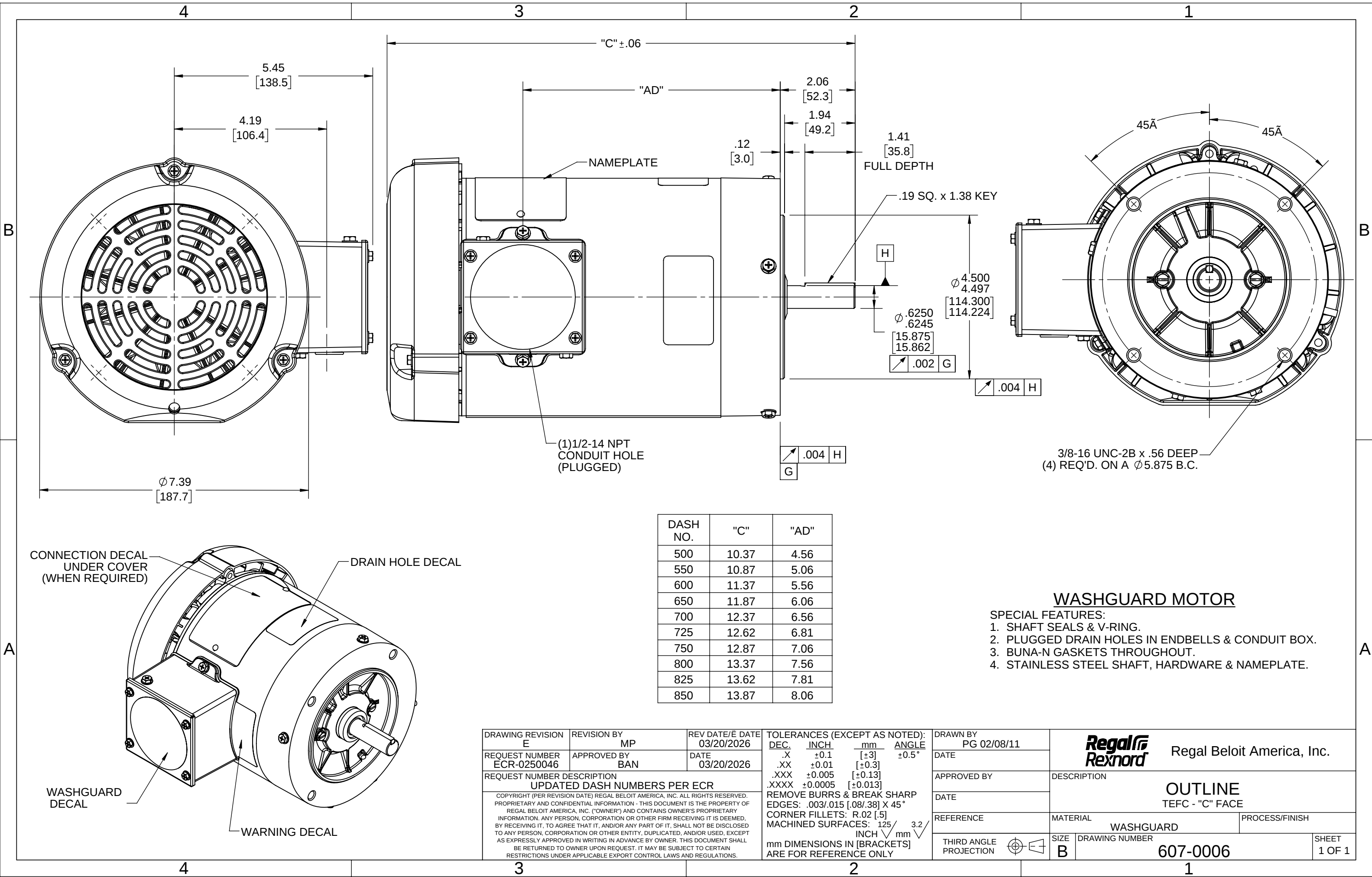


Nameplate Specifications

Phase	3	Output HP	0.75 & 0.50 Hp
Output KW	0.56 & 0.37 kW	Voltage	230/460 & 190/380 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	77 & 81.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	2.8/1.4 & 2.6/1.3 A	Power Factor	65
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	26.24 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	10.87 in
Frame Length	5.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01	Outline Drawing	607-0006-550



DASH NO.	"C"	"AD"
500	10.37	4.56
550	10.87	5.06
600	11.37	5.56
650	11.87	6.06
700	12.37	6.56
725	12.62	6.81
750	12.87	7.06
800	13.37	7.56
825	13.62	7.81
850	13.87	8.06

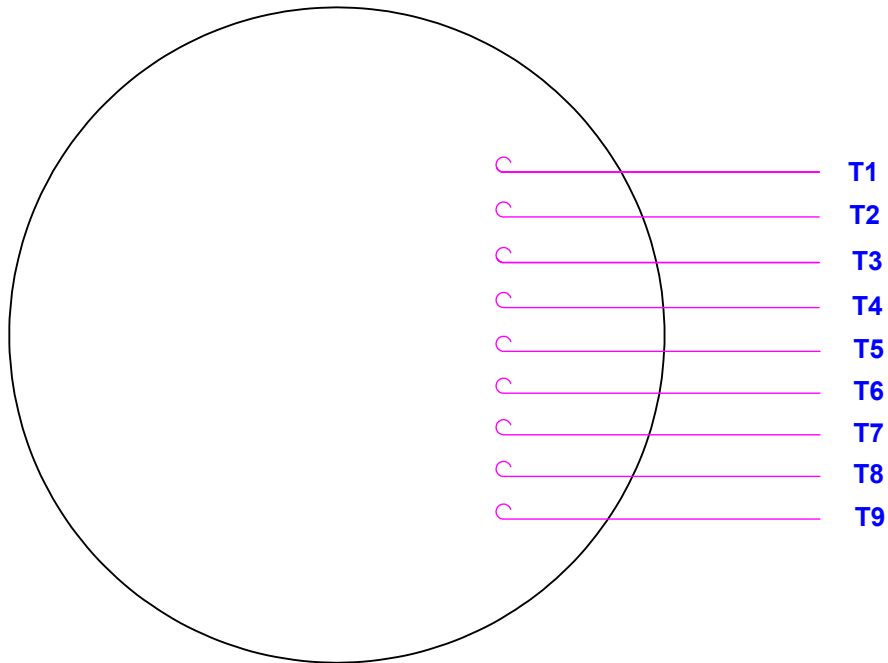
WASHGUARD MOTOR

SPECIAL FEATURES:

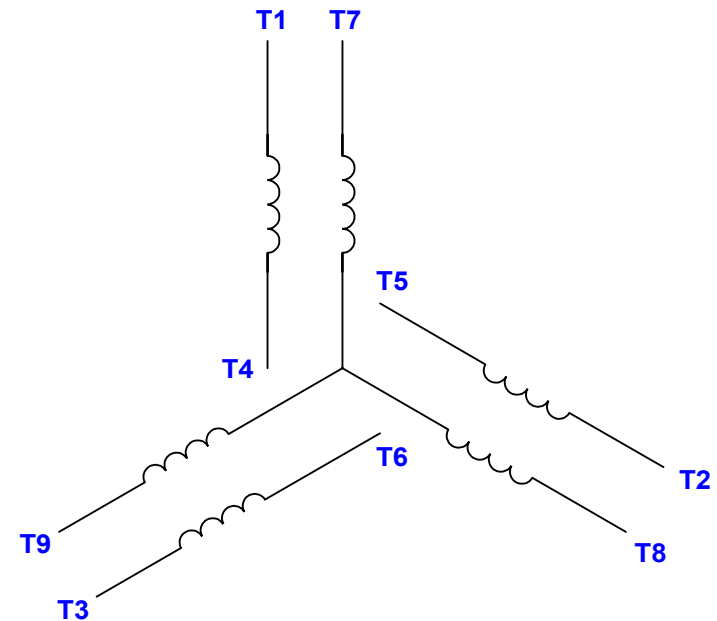
1. SHAFT SEALS & V-RING.
2. PLUGGED DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
3. BUNA-N GASKETS THROUGHOUT.
4. STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE.

DRAWING REVISION E		REVISION BY MP		REV DATE/Ë DATE 03/20/2026		TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.01 [±0.3] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 125 INCH 3.2 mm mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY				DRAWN BY PG 02/08/11		Regal Rexnord Regal Beloit America, Inc.									
REQUEST NUMBER ECR-0250046		APPROVED BY BAN		DATE 03/20/2026						DATE											
REQUEST NUMBER DESCRIPTION UPDATED DASH NUMBERS PER ECR														APPROVED BY		DESCRIPTION					
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												REFERENCE		MATERIAL WASHGUARD						PROCESS/FINISH	
														THIRD ANGLE PROJECTION		SIZE B		DRAWING NUMBER 607-0006		SHEET 1 OF 1	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED	Regal Beloit America, Inc.	DRAWN RDW 04/12/02
				DEC INCHES		CHK
				.X ±.1		APPR
12	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS	.XX ±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	SCALE 1:1
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXX ±.005		REF FIG. 2-51
11	ADD REV TO MATCH ORACLE	KJH 06/08/09	MDN	.XXXX ±.0005	MAT'L DECAL - 004014	FMF
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PAGE OF
THIRD ANGLE PROJECTION			RFP	04/12/02	PREV	SIZE
			NETWORK FILE NAME 00501001			DRAWING NO 005010-01
						REV 12



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005010.01
OUTLINE: 607-0006-500
WINDING: T634188

CAT #: 116645.00

FR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
0.75	0.56	1800	1745	56C	TEFC	TFR	K	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	208-230/460#190/380	2.7-2.8/1.4&2.6/1.3	ACROSS THE LINE	CONT	F	1.15	40	3300

F.L. EFF	77.3	3/4 LD EFF	75.6	1/2 LD EFF	70.3	GTD EFF	0.0	ELECT. TYPE	SQ CAGE IND RUN
F.L. PF	64.6	3/4 LD PF	54.7	1/2 LD PF	42.5				

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)
574 LB-FT	8.1	1,691 LB-FT 295%	2,137 LB-FT 372%	60

PRESSURE @ 3	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
52 dBA	61 dBA	0.06 LB-FT²	0.1 LB-FT²	10 SEC.	0	0 LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	NO	NONE	NO	NONE	ITE - LEESON (EPO

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	303 STAINLESS (C-501)	ROLLED STEEL
6205	6203						

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0	0	0	0	0	0.080	ODE

* N O T E S *			INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE ENCODER: NONE NONE NONE NONE PPR

DATE: 2/20/2018	BRAKE: NONE NONE NONE	
	FT-LB: NA VOLTAGE: NONE HZ:	
	UL: Y-(LEESON UL REC)	



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0	0	0	0	0	0.080	ODE

* N O T E S *		INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE ENCODER: NONE NONE NONE NONE PPR

DATE: 1/24/2018	BRAKE: NONE NONE NONE FT-LB: NA VOLTAGE: NONE UL: Y-(LEESON UL REC)
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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 : 116645.00

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

Catalog No : 116645.00

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