

# Grundfos endproducts with GLoWPAN and CIM260-US /CIM280-US

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## Combined endproduct labelling MAGNA3 & CIM 2X0-US


A MAGNA3 product containing both an ISED IC: 10447A-RADIOM012G4 and a ISED IC: 10447A-CIM2X034G will have a Host Marketing Name (HMN) followed by (f/b) "Z". The syntax for HMNs containing both types of radio is:

MAGNA3 Z

### Endproduct labelling

<b>MAGNA3 32-60 F N 165</b>		<b>1x115-230V 50/60Hz</b>			
<b>P/N: 98126822</b>	<b>TYPE 2 BOITIER DE TYPE 2 THERMALLY PROTECTED Nonsubmersible Pump</b>	<b>Min.</b>	<b>I<sub>1</sub> [A]</b>	<b>P<sub>1</sub> [W]</b>	<b>PSI</b>
<b>S/N: 12000001</b>			<b>Max.</b>	<b>0.29</b>	<b>8.45</b>
<b>PC: 1825</b>	<b>EEL ≤ 0.19 Part 2</b>		<b>1.01</b>	<b>106</b>	<b>175</b>
<b>Model: D PS1</b>	<b>Assembled in USA</b>	<b>For use with maximum 230°F water</b>			





This device complies with part 15 of the FCC Rules and with IC's license-exempt RSSs.

**CONTAINS FCC ID: OG3-RADIOM01-2G4**  
**CONTAINS IC: 10447A-RA2G4M01**

**WARNING:** Grundfos Holding A/S, USA - Fresno, California 93727  
RISK OF ELECTRIC SHOCK. DE-ENERGIZE EQUIPMENT BEFORE REMOVAL OF COVER & SERVICING. FOR SUPPLY CONNECTION USE COPPER WIRE SUITABLE FOR 75°C OR EQUIVALENT. THIS PUMP HAS NOT BEEN INVESTIGATED FOR USE IN SWIMMING POOL OR MARINE AREAS. TO REDUCETHE RISK OF ELECTRIC SHOCK, SEE INSTRUCTION MANUAL FOR PROPER INSTALLATION; ACCEPTABLE FOR INDOOR USE ONLY

**AVERTISSEMENT:**  
RISQUE DE CHOC ÉLECTRIQUE. Mettre l'équipement HORS TENSION AVANT d'enlever le couvercle et/ou de procéder à l'entretien. Pour le RACCORDEMENT, UTILISER UN FIL DE CUIVRE pouvant supporter une temperature de 75 ° C ou équivalent. Cette pompe N'A PAS ÉTÉ TESTÉE pour utilisation dans des ZONE SMARINES OU PRES D'UNE PISCINE. POUR RÉDUIRE LE RISQUE DE CHOC ÉLECTRIQUE, consulter le manuel d'instructions pour une installation adéquate; ACCEPTABLE pour un usage intérieur SEULEMENT.

HMN name:   MAGNA3 Z    
 Contains FCC ID: OG3-CIM2X0-3G-4G  
 Contains IC: 10447A-CIM2X034G

# Combined endproduct labelling MLE 71, MLE 80, MLE 90, MLE 100, MLE 112, MLE 132, MLE 160 & CIM 2X0-US

## MLE71 Z

Type: MLE71A 2-CMS1B-HA	P.C.: 1944	INPUT		OUTPUT		VARIANT
P.N.: 98366948 -V		U in: 1 ~ 200-240 V	P2: 0,75 hp	PB: 111		
DE: 6204.22.C3	Env.Type: 3 TEFC	f in: 50/60Hz	n: 2900 - 4000 rpm	FM: 200		
NDE: 6204.22.C3	PF: 0,98 CL: F	I 1/1: 3,45-2,90 A	PDS Eff 230V: 85,3%	HMI: 200		
Wgt: 22.7 lb E.P.	Tamb: 122 F SF: 1.0	SF Amp: 3,45-2,90 A		CIM: -		



## Nameplate



## FCC & ISED IC Label



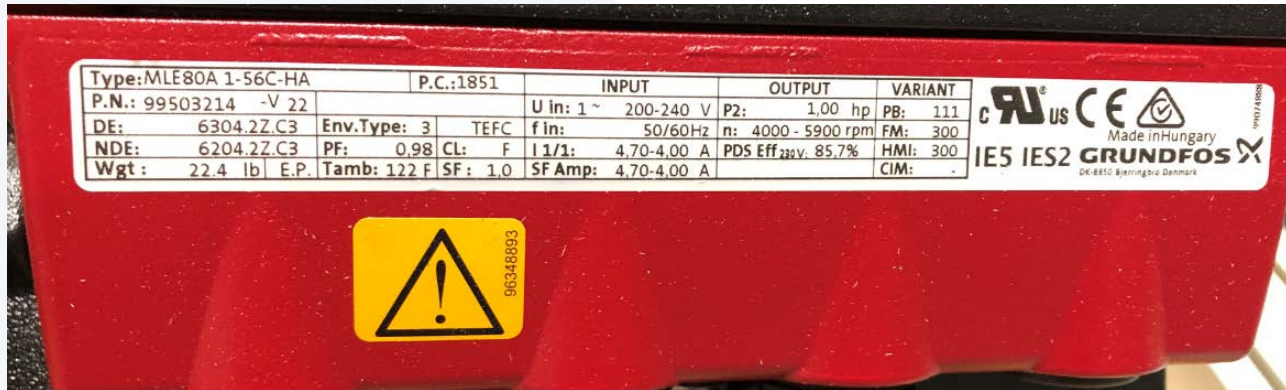


## MLE80 Z

Type: MLE80B 2-CMS1C-IA		P.C.: 1944	INPUT		OUTPUT	VARIANT
P.N.:	99158732 -V		U in:	3 ~ 200-240 V	P2: 1,50 hp	PB: 371
DE:	6204.2Z.C3	Env.Type: 3 TEFC	f in:	50/60Hz	n: 3400 - 4000 rpm	FM: 200
NDE:	6204.2Z.C3	PF: 0,91 CL: F	I 1/1:	4,10-3,50 A	PDS Eff <sub>230V</sub> : 89,3%	HMI: 200
Wgt:	29 lb E.P.	Tamb: 104 F SF: 1,15	SF Amp:	4,60 - 3,90 A		CIM: -



## Nameplate



## FCC & ISED IC Label



## MLE90 Z

Type:MLE90C 2-CMS2A-IA			P.C.:1944			INPUT		OUTPUT		VARIANT
P.N.: 99158751 -V						U in: 3 ~ 200-240 V		P2: 2,00 hp		PB: 371
DE: 6305.2Z.C3		Env.Type: 3	TEFC		f in: 50/60Hz		n: 3400 - 4000 rpm		FM: 300	
NDE: 6204.2Z.C3		PF: 0.92	CL: F		I 1/1: 5.40-4.60 A		PDS Eff <sub>230V</sub> : 88.9%		HMI: 200	
Wgt: 32.1 lb		E.P.	Tamb: 104 F		SF: 1.00		SF Amp: 5.40 - 4.50 A		CIM: -	



## Nameplate



## FCC & ISED IC Label

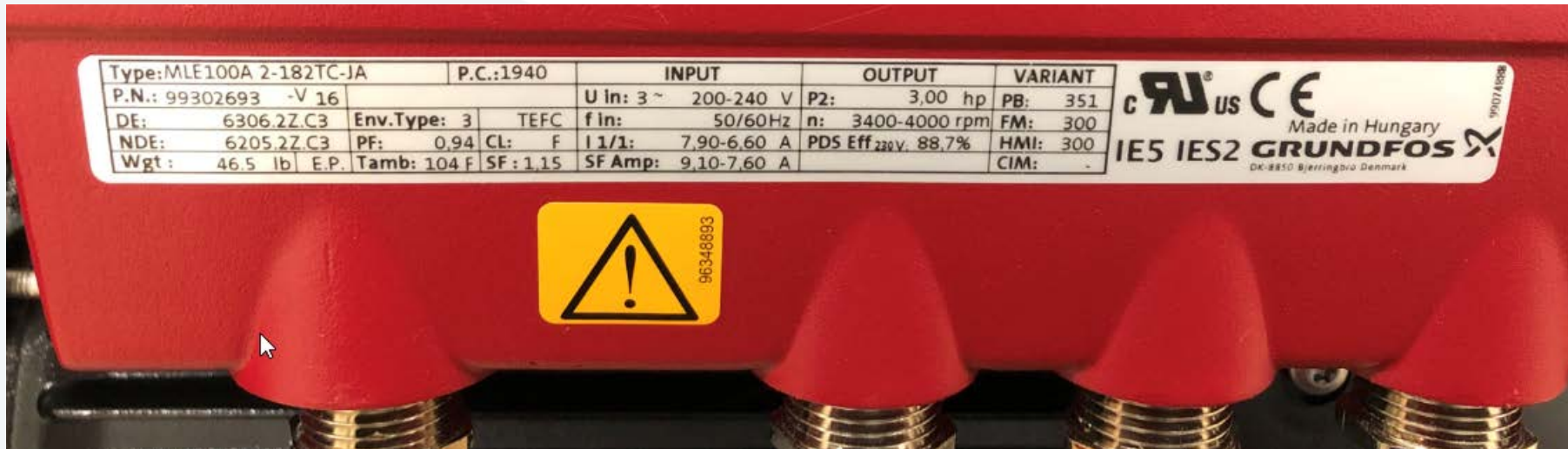


## MLE100 Z

Type: MLE100B 4-182TC-JA		P.C.: 1944		INPUT		OUTPUT		VARIANT	
P.N.: 98971197 -V				U in: 3 ~ 440-480 V		P2: 3,00 hp		PB: 331	
DE: 6306.2Z.C3		Env.Type: 3 TEFC		f in: 50/60Hz		n: 1750-2200 rpm		FM: 300	
NDE: 6205.2Z.C3		PF: 0.87-0.83		CL: F		I 1/1: 3.90-3.70 A		PDS Eff <sub>460V</sub> : 91,1%	
Wgt: 60.3 lb		E.P. Tamb: 122 F		SF: 1.15		SF Amp: 4.50-4.20 A		CIM: -	



## Nameplate



## FCC & ISED IC Label





## MLE112 Z

Type: MLE112C 1-FT130-JA	P.C.: 1944	INPUT	OUTPUT	VARIANT
P.N.: 99258567 -V		U in: 3 ~ 440-480 V	P2: 5,00 hp	PB: 331
DE: 6306.22.C3	Env.Type: 3 TEFC	f in: 50/60Hz	n: 4000-5900 rpm	FM: 300
NDE: 7306.BE.2CS	PF: 0,90-0,88 CL: F	I 1/1: 6,20-5,80 A	PDS Eff <sub>460V</sub> : 91,2%	HMI: 300
Wgt: 61,4 lb	E.P. Tamb: 122 F SF: 1,15	SF Amp: 7,10-6,70 A		CIM: -



## Nameplate



## FCC & ISED IC Label





## MLE132 Z

Type: MLE132F 2-CML4A-JA	P.C.: 1944	INPUT	OUTPUT	VARIANT
P.N.: 99110941 -V		U in: 3 ~ 440-480 V	P2: 10,0 hp	PB: 341
DE: 6308.2Z.C3	Env.Type: 3 TEFC	f in: 50/60Hz	n: 3500-4000 rpm	FM: 200
NDE: 6206.2Z.C3	PF: 0,91-0,90	CL: F	I 1/1: 12,4-11,5 A	PDS Eff <sub>480V</sub> : 92,5%
Wgt: 88,7 lb	E.P. Tamb: 122 F	SF: 1,15	SF Amp: 14,2-13,0 A	HMI: 200
				CIM: -



## Nameplate



## FCC & ISED IC Label



## MLE160 Z

Type: MLE160H 1-254TC-JA		P.C.: 1944		INPUT		OUTPUT		VARIANT	
P.N.:	98971179 -V	Branch Fuse Max:	35A	U in:	3 ~ 440-480 V	P2:	15,0 hp	PB:	341
DE:	6309.Z.C3	Env.Type:	3 TEFC	f in:	50/60Hz	n:	4000-5900 rpm	FM:	200
NDE:	6306.Z.C3	PF:	0.92-0.91	CL:	F	I1/I2:	18,2-17,0 A	PDS Eff <sub>460V</sub> :	92,3%
Wgt:	130,9 lb	E.P.	Tamb: 122 F	SF:	1,15	SF Amp:	21,0-19,5 A	HMI:	200
								CIM:	-



## Nameplate



## FCC & ISED IC Label

