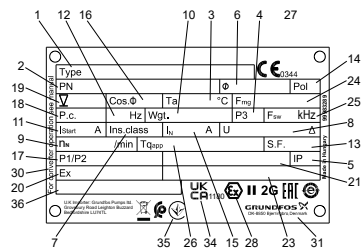


1. Nameplate

Correction sheet to installation and operating instructions for SMD, SMG, SFG (part number 98826058) and AMG, AFG (part number 96498078). ECM: 1373569. Release date: 11.2023.



TM080050

Nameplate for explosion-proof SMD mixers and AMG, AFG

Pos.	Description
1	Type designation
2	Product number and serial number
3	Liquid temperature range
4	Production site
5	Enclosure class according to IEC
6	Propeller diameter
7	Insulation class
8	Rated voltage
9	Rated speed (propeller)
10	Weight
11	Starting current
12	Frequency
13	Safety factor
14	Number of poles
15	Rated current
16	Power factor
17	Motor power P1/P2
18	Production code
19	Maximum installation depth
20	Ex marking
21	Certificate number ATEX
23	Certificate number IEC Ex
24	Frequency range ¹⁾
25	Switching frequency ¹⁾
26	Torque application
27	Approval mark - CE with ATEX notified body number of production location
28	Approval mark - ATEX with ATEX equipment category
29	Place of production
30	Reference to requirement of electric machines operated with converter
31	Manufacturer name and address
33	Company standard

Pos.	Description
34	Approval mark - UKCA approved body number of production location
35	Approval mark - UA
36	Certificate number UKEX

1) If a frequency converter is used.

2. Approvals for explosion-proof SMD


The SMD mixers designed for applications in potentially explosive environments (Ex versions) are supplied with a nameplate containing certification details.

SMD mixer IECEx certificate number: IECEx SEV 17.0004X

SMD mixer ATEX certificate number: SEV 17 ATEX 0103 X

SMD mixer UKEX certificate number: CML 22UKEX1075X

Key to certification details

Directive or standard	Code	Description
ATEX/UKEX		The equipment conforms to harmonized EU and UK standards.
	II	Non-mining equipment group, according to the ATEX directive/UKEX regulation, defining the requirements applicable to the equipment in this group
	2	High protection equipment group, according to the ATEX directive/UKEX regulation, defining the requirements applicable to the equipment in this category
	G	Explosive atmospheres caused by gases, vapours or mists
Harmonized European EN and IECEx standard	Ex	Marking of explosion protection
	db	Flame-proof enclosure according to EN/IEC 60079-1
	h	Non-electrical equipment for explosive atmosphere, according to EN ISO 80079-36 and EN ISO 80079-37
	ib	Intrinsically safe according to EN 60079-11
	IIB	Classification of gases, see EN/IEC 60079-0, Annex A. Gas group B includes gas group A
	T4	The maximum surface temperature of the motor is 135 °C according to EN/IEC 60079-0.
	Gb	Equipment for explosive gas with "high" level of protection


3. Approvals for explosion-proof AMG, AFG

The mixers and flowmakers designed for applications in potentially explosive environments (Ex versions) are supplied with a nameplate containing certification details.

AMG and AFG ATEX certificate number: SEV 05 ATEX 0111 X

AMG and AFG UKEX certificate number: CML 22UKEX2208X

Key to certification details

Directive or standard	Code	Description
ATEX/UKEX		The equipment conforms to harmonized EU and UK standards.
	II	Non-mining equipment group, according to the ATEX directive/UKEX regulation, defining the requirements applicable to the equipment in this group
	2	High protection equipment group, according to the ATEX directive/UKEX regulation, defining the requirements applicable to the equipment in this category
	G	Explosive atmospheres caused by gases, vapours or mists
Harmonized European EN	Ex	Marking of explosion protection
	eb	For increased safety according to EN 60079-7
	h	Non-electrical equipment for explosive atmosphere, according to EN ISO 80079-36 and EN ISO 80079-37
	ib	Intrinsically safe according to EN 60079-11
	IIC	Classification of gases, see EN/IEC 60079-0, Annex A. Gas group C includes gas group A and B
	T3	The maximum surface temperature of the motor is 200 °C according to EN/IEC 60079-0.
	Gb	Equipment for explosive gas with "high" level of protection