



SPECIFICATIONS PAPER FOR ANTIDEFLAGRATING EEX GEARBOXES **ATEX 2014/34/UE.**

TAB.1 Gearbox

TYPE	SIZE	RATIO
_____	_____	_____

TAB. 2-a - Electric Motor

POWER (kW) :	POLE NR.	FREQUENCY (Hz)
_____	☐ 2 ☐ 4 ☐ 6 ☐ 8	☐ 50 Hz. ☐ 60 Hz.

TAB. 2-b Input shaft ECE

POWER (kW) :	INPUT SPEED (rpm)
_____	_____

TAB.3 - Environment classification

GROUP	2 (II)	
CATEGORY	2	3
TYPE OF ENVIROMENT AMBIENT	EN60079-10 – (GAS)	
	☐ Z1	☐ Z2
	EN50281-3 – (DUST)	
	☐ Z21	☐ Z22

TAB. 4 - Highest surface temperature admitted by gearbox

HIGHEST SURFACE TEMPERATURE OF THE GEARBOX (°C)		(*) Class of temperature	Highest surface temperature (°C)
GAS	CLASS OF TEMPERATURE (*) ☐ T1 ☐ T2 ☐ T3 ☐ T4 ☐ T5	T1	450
	HIGHEST SURFACE TEMPERATURE _____	T2	300
DUST	HIGHEST SURFACE TEMPERATURE _____	T3	200
		T4	135
		T5	100

**In case of T5 class of temperature (group IIG) or of highest surface temperature at 120 °C (IID, IIG groups), the maximum power applicable to the reducer should be checked, referring to NORM_0198 internal provision.
In all other cases we referring to the thermal power on the catalogue, with service factor 1 e relating considerations.**

Date: ____ / ____ / ____

Signature: _____

G.S.M. S.p.A.

Sede Legale e stab.to: Via Malavolti, 48 - 41122 Modena - Italy
 Sede Amm.va: Via del Maccabreccia, 39 - 40012 Calderara di Reno (Bo)- Italy
 Cap. Soc. € 517.000 i.v. - Comm. Estero Mo 000636
 R.E.A. n° 14149/Mo - Reg. imp./C.F./P.I. IT 01011290366
 T: +39/059/2550.811 – F: +39/059/2559.790
WEB: www.stmspa.com - E-MAIL: info@gsmspa.com

